| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 28.8 | 26.0 | 26.9 | 21.7 | 20.6 | 21.1 | 16.4 | 15.4 | 15.9 | 14.2 | 13.3 | 13.7 |
| **2** | 27.8 | 26.5 | 27.1 | 20.6 | 19.2 | 20.1 | 15.6 | 14.8 | 15.4 | 14.4 | 12.8 | 13.4 |
| **3** | 28.2 | 26.7 | 27.4 | 19.8 | 18.0 | 19.0 | 14.8 | 13.8 | 14.4 | 13.3 | 12.9 | 13.1 |
| **4** | 29.3 | 26.8 | 28.0 | 19.9 | 18.6 | 19.2 | 13.9 | 13.3 | 13.6 | 13.2 | 12.9 | 13.0 |
| **5** | 31.2 | 27.2 | 28.7 | 20.1 | 19.2 | 19.4 | 14.9 | 12.9 | 13.5 | 14.6 | 13.0 | 13.5 |
| **6** | 29.6 | 27.2 | 28.4 | 20.2 | 19.6 | 19.7 | 13.6 | 13.3 | 13.4 | 14.0 | 13.6 | 13.8 |
| **7** | 28.7 | 26.7 | 27.6 | 21.7 | 19.2 | 20.2 | 13.5 | 12.6 | 13.3 | 14.2 | 13.2 | 13.6 |
| **8** | 29.3 | 26.3 | 27.4 | 22.4 | 19.2 | 19.9 | 12.6 | 11.5 | 12.0 | 15.9 | 12.6 | 14.0 |
| **9** | 27.7 | 26.3 | 27.1 | 20.9 | 19.4 | 20.3 | 12.5 | 11.2 | 11.6 | 14.0 | 12.7 | 13.4 |
| **10** | 27.0 | 26.3 | 26.6 | 21.4 | 20.3 | 20.8 | 12.1 | 11.2 | 11.6 | 13.9 | 12.8 | 13.4 |
| **11** | 27.7 | 25.9 | 26.6 | 20.3 | 19.2 | 19.8 | 13.0 | 12.0 | 12.4 | 14.1 | 13.3 | 13.8 |
| **12** | 27.1 | 25.7 | 26.1 | 19.9 | 18.7 | 19.2 | 13.7 | 12.3 | 12.8 | 14.9 | 14.0 | 14.5 |
| **13** | 25.7 | 24.6 | 24.9 | 21.8 | 18.9 | 20.1 | 17.5 | 12.2 | 14.2 | 15.6 | 14.9 | 15.3 |
| **14** | 25.6 | 24.1 | 24.8 | 20.6 | 19.6 | 20.1 | 16.0 | 13.6 | 14.4 | 16.1 | 14.7 | 15.4 |
| **15** | 24.9 | 24.4 | 24.6 | 20.3 | 18.3 | 19.4 | 15.2 | 13.6 | 14.4 | 14.7 | 12.9 | 13.8 |
| **16** | 24.7 | 24.1 | 24.4 | 18.6 | 17.8 | 18.1 | 15.6 | 14.7 | 15.1 | 12.9 | 11.3 | 12.1 |
| **17** | 28.1 | 23.9 | 25.7 | 18.7 | 17.6 | 18.1 | 16.6 | 14.8 | 15.4 | 11.3 | 10.5 | 10.8 |
| **18** | 26.7 | 25.0 | 25.8 | 19.9 | 17.5 | 18.6 | 17.0 | 15.1 | 16.0 | 10.5 | 8.7 | 9.4 |
| **19** | 25.4 | 23.7 | 24.5 | 18.6 | 17.2 | 17.9 | 17.6 | 15.6 | 16.8 | 8.9 | 8.2 | 8.6 |
| **20** | 24.6 | 23.2 | 23.7 | 17.5 | 16.5 | 17.0 | 17.3 | 15.9 | 16.7 | 8.9 | 8.3 | 8.5 |
| **21** | 23.5 | 22.8 | 23.1 | 17.8 | 16.2 | 16.7 | 16.8 | 15.6 | 16.1 | 11.9 | 8.6 | 9.7 |
| **22** | 22.8 | 21.2 | 22.0 | 18.4 | 16.1 | 16.7 | 16.1 | 15.2 | 15.5 | 10.2 | 8.8 | 9.3 |
| **23** | 23.1 | 20.6 | 21.5 | 18.1 | 16.1 | 17.0 | 15.3 | 14.7 | 14.9 | 9.2 | 6.5 | 8.2 |
| **24** | 21.9 | 20.9 | 21.3 | 18.8 | 16.8 | 17.4 | 14.7 | 14.0 | 14.3 | 9.1 | 6.1 | 7.7 |
| **25** | 21.5 | 21.3 | 21.4 | 18.8 | 17.2 | 17.9 | 14.0 | 13.1 | 13.7 | 12.5 | 4.8 | 9.4 |
| **26** | 22.4 | 21.4 | 21.7 | 18.8 | 17.8 | 18.2 | 13.5 | 12.6 | 13.0 | 11.5 | 9.8 | 10.7 |
| **27** | 21.5 | 20.5 | 21.0 | 18.8 | 18.4 | 18.6 | 13.4 | 12.4 | 12.9 | 12.6 | 10.4 | 11.2 |
| **28** | 22.5 | 19.9 | 21.1 | 19.0 | 17.9 | 18.4 | 13.6 | 12.9 | 13.3 | 10.4 | 9.8 | 10.1 |
| **29** | 21.7 | 20.6 | 21.2 | 19.0 | 18.3 | 18.7 | 15.2 | 13.6 | 14.2 | 10.8 | 9.7 | 10.1 |
| **30** | 21.6 | 21.0 | 21.3 | 18.9 | 15.8 | 17.6 | 15.2 | 14.0 | 14.6 | 10.5 | 10.0 | 10.3 |
| **31** | 22.0 | 20.8 | 21.3 | --- | --- | --- | 14.6 | 13.7 | 14.1 | 10.2 | 9.6 | 9.9 |
| **Month** | 31.2 | 19.9 | 24.6 | 22.4 | 15.8 | 18.8 | 17.6 | 11.2 | 14.2 | 16.1 | 4.8 | 11.7 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.9 | 9.8 | 10.2 | 16.7 | 15.5 | 16.2 | 24.8 | 22.4 | 23.2 | 24.0 | 23.5 | 23.8 |
| **2** | 10.2 | 9.4 | 9.9 | 16.7 | 15.0 | 15.8 | 23.6 | 22.8 | 23.2 | 24.1 | 23.4 | 23.8 |
| **3** | 11.0 | 9.3 | 9.9 | 16.3 | 14.9 | 15.5 | 24.2 | 23.0 | 23.6 | 24.4 | 23.4 | 23.9 |
| **4** | 13.5 | 9.8 | 11.2 | 15.5 | 14.6 | 15.0 | 23.9 | 22.1 | 23.1 | 25.7 | 24.1 | 24.7 |
| **5** | 14.7 | 10.5 | 12.1 | 18.2 | 14.2 | 16.1 | 23.2 | 21.4 | 22.1 | 25.3 | 24.8 | 25.1 |
| **6** | 12.9 | 10.5 | 11.8 | 16.9 | 14.9 | 15.9 | 23.3 | 21.1 | 22.0 | 24.9 | 24.3 | 24.7 |
| **7** | 13.9 | 11.0 | 12.2 | 19.5 | 15.3 | 16.8 | 21.4 | 18.7 | 19.8 | 26.0 | 24.6 | 25.3 |
| **8** | 14.8 | 11.8 | 13.3 | 20.5 | 16.0 | 18.0 | 19.1 | 17.7 | 18.4 | 26.7 | 25.6 | 26.2 |
| **9** | 14.2 | 11.6 | 12.5 | 19.4 | 16.7 | 17.8 | 19.2 | 18.1 | 18.6 | 27.6 | 25.8 | 26.6 |
| **10** | 11.7 | 11.1 | 11.3 | 20.4 | 16.9 | 17.8 | 19.8 | 18.6 | 19.2 | 27.2 | 25.3 | 26.2 |
| **11** | 11.6 | 11.1 | 11.3 | 18.4 | 16.5 | 17.7 | 21.1 | 19.3 | 20.0 | 28.5 | 25.1 | 26.3 |
| **12** | 12.8 | 11.5 | 12.0 | 19.1 | 17.8 | 18.3 | 20.5 | 19.5 | 20.1 | 31.8 | 25.9 | 28.4 |
| **13** | 12.3 | 11.2 | 11.8 | 19.5 | 18.2 | 18.8 | 20.4 | 20.0 | 20.3 | 32.6 | 25.8 | 28.6 |
| **14** | 11.2 | 10.5 | 10.9 | 18.6 | 17.7 | 18.1 | 20.5 | 18.9 | 19.8 | 31.2 | 27.2 | 28.4 |
| **15** | 10.8 | 9.9 | 10.3 | 21.6 | 17.6 | 19.4 | 19.9 | 17.9 | 19.1 | 31.2 | 26.6 | 28.3 |
| **16** | 12.4 | 9.2 | 10.3 | 20.8 | 19.0 | 19.6 | 20.4 | 18.7 | 19.5 | 27.2 | 26.1 | 26.8 |
| **17** | 11.1 | 9.9 | 10.5 | 19.5 | 18.4 | 18.9 | 19.6 | 19.2 | 19.4 | 26.5 | 25.6 | 25.9 |
| **18** | 12.9 | 9.6 | 11.2 | 18.9 | 18.2 | 18.5 | 19.5 | 18.9 | 19.2 | 27.3 | 25.0 | 25.9 |
| **19** | 12.0 | 11.4 | 11.7 | 19.0 | 18.5 | 18.7 | --- | --- | --- | 28.0 | 25.3 | 26.6 |
| **20** | 12.2 | 11.3 | 11.8 | 19.6 | 18.6 | 19.1 | --- | --- | --- | 26.6 | 25.6 | 26.1 |
| **21** | 14.2 | 11.3 | 12.4 | 20.3 | 19.4 | 19.8 | --- | --- | --- | 26.3 | 25.6 | 25.8 |
| **22** | 18.3 | 11.5 | 13.5 | 20.7 | 19.8 | 20.2 | --- | --- | --- | 25.8 | 25.1 | 25.5 |
| **23** | 14.7 | 13.8 | 14.3 | 21.1 | 20.3 | 20.7 | --- | --- | --- | 26.2 | 25.4 | 25.8 |
| **24** | 15.0 | 13.9 | 14.4 | 21.2 | 20.7 | 20.9 | 21.8 | 21.4 | 21.6 | 26.5 | 25.8 | 26.1 |
| **25** | 17.8 | 13.4 | 14.9 | 21.4 | 21.0 | 21.2 | 22.3 | 21.1 | 21.5 | 26.4 | 26.0 | 26.2 |
| **26** | 15.2 | 13.4 | 14.4 | 21.4 | 21.1 | 21.2 | 23.4 | 20.8 | 21.9 | 26.1 | 25.6 | 25.8 |
| **27** | 17.2 | 14.3 | 15.3 | 22.2 | 21.1 | 21.6 | 22.9 | 22.0 | 22.5 | 26.4 | 25.4 | 25.8 |
| **28** | 16.8 | 16.1 | 16.5 | 22.3 | 21.6 | 22.0 | 28.7 | 22.0 | 23.7 | 26.2 | 25.1 | 25.5 |
| **29** | --- | --- | --- | 23.0 | 21.9 | 22.4 | 26.2 | 23.4 | 24.7 | 28.4 | 25.0 | 26.6 |
| **30** | --- | --- | --- | 23.0 | 22.5 | 22.8 | 26.1 | 23.9 | 24.5 | 29.7 | 26.9 | 27.8 |
| **31** | --- | --- | --- | 23.0 | 22.3 | 22.7 | --- | --- | --- | 31.3 | 26.7 | 28.5 |
| **Month** | 18.3 | 9.2 | 12.2 | 23.0 | 14.2 | 19.0 | --- | --- | --- | 32.6 | 23.4 | 26.2 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.3 | 27.1 | 28.4 | 29.8 | 28.7 | 29.2 | 31.2 | 28.9 | 29.8 | 30.6 | 29.5 | 30.2 |
| **2** | 32.0 | 26.5 | 28.4 | 29.2 | 28.3 | 28.7 | 34.1 | 29.1 | 30.1 | 30.2 | 29.0 | 29.5 |
| **3** | 29.1 | 26.2 | 27.8 | 29.2 | 28.4 | 28.8 | 32.1 | 28.9 | 30.5 | 30.3 | 29.0 | 29.4 |
| **4** | 34.1 | 25.8 | 29.0 | 28.8 | 28.2 | 28.5 | 32.2 | 29.9 | 30.7 | 31.2 | 28.9 | 29.7 |
| **5** | 31.3 | 27.8 | 29.0 | 29.3 | 27.8 | 28.4 | 31.4 | 29.8 | 30.3 | 29.6 | 28.9 | 29.1 |
| **6** | 28.9 | 27.9 | 28.4 | 28.8 | 27.5 | 28.1 | 30.6 | 29.4 | 30.1 | 30.0 | 28.8 | 29.2 |
| **7** | 28.7 | 27.5 | 27.9 | 31.2 | 27.3 | 28.6 | 31.0 | 28.8 | 29.8 | 31.1 | 28.7 | 29.3 |
| **8** | 28.9 | 27.4 | 28.1 | 29.8 | 28.1 | 28.6 | 31.6 | 28.6 | 29.8 | 30.8 | 28.9 | 29.7 |
| **9** | 31.4 | 28.2 | 29.5 | 29.1 | 28.3 | 28.7 | 31.8 | 28.3 | 30.1 | 31.5 | 29.0 | 29.9 |
| **10** | 34.8 | 29.1 | 30.9 | 30.1 | 28.4 | 29.0 | 35.6 | 28.3 | 31.5 | 33.2 | 29.0 | 31.0 |
| **11** | 35.0 | 29.8 | 31.5 | 32.9 | 28.6 | 30.0 | 34.8 | 30.1 | 32.5 | 32.0 | 30.0 | 30.8 |
| **12** | 35.0 | 29.7 | 31.8 | 33.7 | 29.4 | 30.6 | 33.4 | 31.5 | 32.3 | 30.0 | 28.5 | 29.3 |
| **13** | 33.4 | 29.5 | 30.9 | 31.3 | 29.2 | 30.1 | 33.8 | 30.4 | 32.0 | 29.9 | 28.0 | 28.9 |
| **14** | 32.0 | 29.6 | 30.4 | 30.7 | 29.1 | 29.6 | 33.3 | 30.4 | 31.8 | 31.3 | 28.4 | 29.7 |
| **15** | 31.2 | 29.2 | 29.7 | 29.8 | 28.6 | 29.1 | 33.3 | 30.6 | 31.8 | 30.8 | 29.1 | 29.9 |
| **16** | 29.8 | 28.9 | 29.3 | 31.9 | 28.9 | 29.6 | 31.9 | 29.8 | 30.7 | 31.5 | 28.5 | 29.9 |
| **17** | 28.9 | 28.4 | 28.7 | 31.2 | 29.0 | 29.5 | 31.4 | 29.7 | 30.3 | 30.7 | 29.0 | 29.8 |
| **18** | 29.4 | 28.2 | 28.8 | 30.0 | 29.0 | 29.4 | 31.2 | 30.0 | 30.5 | 30.9 | 28.9 | 29.6 |
| **19** | 30.0 | 28.6 | 29.3 | 29.9 | 28.4 | 29.0 | 31.3 | 29.7 | 30.5 | 30.6 | 29.1 | 29.8 |
| **20** | 30.5 | 28.9 | 29.5 | 29.3 | 28.1 | 28.6 | 31.2 | 30.0 | 30.6 | 31.0 | 29.4 | 30.0 |
| **21** | 30.7 | 29.4 | 29.8 | 30.9 | 27.9 | 29.1 | 31.3 | 29.9 | 30.7 | 31.0 | 29.0 | 30.1 |
| **22** | 30.6 | 29.2 | 29.8 | 31.7 | 28.8 | 30.1 | 31.5 | 30.7 | 31.1 | 31.0 | 28.5 | 29.6 |
| **23** | 30.3 | 28.7 | 29.5 | 31.5 | 28.8 | 30.1 | 31.6 | 30.8 | 31.2 | 31.0 | 28.5 | 29.3 |
| **24** | 29.8 | 28.5 | 29.2 | 31.8 | 28.7 | 30.1 | 33.8 | 30.9 | 31.8 | 31.0 | 28.3 | 29.6 |
| **25** | 29.6 | 28.8 | 29.2 | 31.0 | 29.3 | 30.1 | 32.5 | 30.9 | 31.6 | 30.6 | 29.3 | 29.8 |
| **26** | 29.1 | 28.7 | 28.9 | 30.1 | 29.4 | 29.7 | 34.6 | 30.6 | 32.3 | 32.1 | 29.2 | 29.9 |
| **27** | 29.3 | 28.4 | 28.9 | 29.4 | 28.5 | 28.9 | 34.7 | 31.5 | 32.6 | 30.6 | 29.6 | 30.1 |
| **28** | 29.6 | 28.4 | 29.0 | 30.9 | 28.4 | 29.1 | 33.4 | 30.8 | 31.5 | 30.1 | 29.1 | 29.7 |
| **29** | 30.1 | 28.6 | 29.2 | 31.0 | 28.4 | 29.3 | 31.6 | 30.4 | 30.9 | 29.8 | 28.8 | 29.3 |
| **30** | 31.1 | 28.7 | 29.5 | 33.2 | 28.6 | 29.8 | 33.5 | 30.0 | 31.3 | 29.6 | 28.6 | 28.9 |
| **31** | --- | --- | --- | 35.4 | 29.2 | 30.8 | 31.7 | 30.0 | 30.6 | --- | --- | --- |
| **Month** | 35.0 | 25.8 | 29.3 | 35.4 | 27.3 | 29.3 | 35.6 | 28.3 | 31.0 | 33.2 | 28.0 | 29.7 |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 30.7 | 28.4 | 29.1 | 23.5 | --- | --- | 18.0 | 17.2 | 17.5 | 12.5 | 11.4 | 12.1 |
| **2** | 30.9 | 28.4 | 29.3 | 24.6 | 20.0 | 22.1 | 17.6 | 16.1 | 17.0 | 11.4 | 10.6 | 11.1 |
| **3** | 31.6 | 28.1 | 29.4 | 24.1 | 21.1 | 22.7 | 16.1 | 14.5 | 15.2 | 10.9 | 9.8 | 10.3 |
| **4** | 30.5 | 28.1 | 29.2 | 24.8 | 21.5 | 22.5 | 16.9 | 13.9 | 15.2 | 11.1 | 9.8 | 10.5 |
| **5** | 29.4 | 28.4 | 28.8 | 22.4 | 21.0 | 21.6 | 16.5 | 14.1 | 15.0 | 12.2 | 11.0 | 11.7 |
| **6** | 31.4 | 28.1 | 29.1 | 21.3 | 20.4 | 21.1 | 15.7 | 14.2 | 14.8 | 13.1 | 12.1 | 12.6 |
| **7** | 29.8 | 28.2 | 28.8 | 21.0 | 19.5 | 20.1 | 16.3 | 14.9 | 15.5 | 14.0 | 12.8 | 13.3 |
| **8** | 29.7 | 27.8 | 28.5 | 20.1 | 19.2 | 19.7 | 16.6 | 15.9 | 16.2 | 14.6 | 13.4 | 14.0 |
| **9** | 29.4 | 28.0 | 28.7 | 21.7 | 19.6 | 20.3 | 17.1 | 16.5 | 16.9 | 15.5 | 12.9 | 14.1 |
| **10** | 28.6 | 27.4 | 28.1 | 21.0 | 19.8 | 20.3 | 17.7 | 17.0 | 17.4 | 14.7 | 13.3 | 14.2 |
| **11** | 29.4 | 27.0 | 28.2 | 20.8 | 20.0 | 20.4 | 18.3 | 17.6 | 17.9 | 16.2 | 12.8 | 13.8 |
| **12** | 30.1 | 27.2 | 28.3 | 23.1 | 20.0 | 21.4 | 19.0 | 16.7 | 17.8 | 14.7 | 12.8 | 13.7 |
| **13** | 27.7 | 26.6 | 27.2 | 22.9 | 20.9 | 21.7 | 17.2 | 16.5 | 16.7 | 14.4 | 13.0 | 13.6 |
| **14** | 26.9 | 26.0 | 26.5 | 21.8 | 20.2 | 21.0 | 17.0 | 16.5 | 16.7 | 14.7 | 12.8 | 13.8 |
| **15** | 26.7 | 25.2 | 26.0 | 20.5 | 19.1 | 19.8 | 17.3 | 15.1 | 16.5 | 14.2 | 13.2 | 13.7 |
| **16** | 27.3 | 24.6 | 25.6 | 19.5 | 18.5 | 19.0 | 15.1 | 13.9 | 14.6 | 13.5 | 12.8 | 13.1 |
| **17** | 26.3 | 24.9 | 25.7 | 19.3 | 18.7 | 19.1 | 15.0 | 13.7 | 14.4 | 13.2 | 12.5 | 12.8 |
| **18** | 26.0 | 24.6 | 25.2 | 20.7 | 18.8 | 19.6 | 16.1 | 14.3 | 14.9 | 12.5 | 11.6 | 12.0 |
| **19** | 26.5 | 23.8 | 25.1 | 21.4 | 19.5 | 20.2 | 16.5 | 14.5 | 15.3 | 11.8 | 10.8 | 11.5 |
| **20** | 25.6 | 24.7 | 25.2 | 21.0 | 20.1 | 20.4 | 16.5 | 14.8 | 15.7 | 11.2 | 10.3 | 10.8 |
| **21** | 25.4 | 24.8 | 25.1 | 20.8 | 19.1 | 20.3 | 16.0 | 14.4 | 15.2 | 11.2 | 10.5 | 10.9 |
| **22** | 25.0 | 23.1 | 24.3 | 19.1 | 17.4 | 18.2 | 16.1 | 14.1 | 15.5 | 13.0 | 11.1 | 11.8 |
| **23** | 23.1 | 21.7 | 22.3 | 17.5 | 16.2 | 16.9 | 15.3 | 13.4 | 14.1 | 11.3 | 10.8 | 11.0 |
| **24** | 22.0 | 20.9 | 21.5 | 16.2 | 15.0 | 15.5 | 15.3 | 13.2 | 14.0 | 11.0 | 10.5 | 10.7 |
| **25** | 21.1 | 20.0 | 20.6 | 15.2 | 14.4 | 14.9 | 15.1 | 13.1 | 13.8 | 10.6 | 9.4 | 9.8 |
| **26** | 21.4 | 19.4 | 20.5 | 15.4 | 14.0 | 14.7 | 14.2 | 12.8 | 13.4 | 12.5 | 9.4 | 10.6 |
| **27** | 21.0 | 19.9 | 20.4 | 16.4 | 13.8 | 14.7 | 13.2 | 12.4 | 12.9 | 12.9 | 10.5 | 11.3 |
| **28** | 20.9 | 19.6 | 20.1 | 16.5 | 14.0 | 15.1 | 13.5 | 12.7 | 13.0 | 12.3 | 11.0 | 11.7 |
| **29** | 20.9 | 19.0 | 19.9 | 19.0 | 14.9 | 16.6 | 13.0 | 12.3 | 12.6 | 13.0 | 11.2 | 12.4 |
| **30** | 22.5 | 19.0 | 20.4 | 18.5 | 16.4 | 17.5 | 14.2 | 11.9 | 12.9 | 11.2 | 9.7 | 10.6 |
| **31** | 23.5 | 19.2 | 21.2 | --- | --- | --- | 13.7 | 12.1 | 12.8 | 11.9 | 10.5 | 11.3 |
| **Month** | 31.6 | 19.0 | 25.4 | 24.8 | --- | --- | 19.0 | 11.9 | 15.2 | 16.2 | 9.4 | 12.1 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 13.2 | 9.7 | 11.0 | 19.9 | 16.2 | 17.2 | 23.2 | 21.0 | 21.5 | 23.3 | 22.7 | 23.0 |
| **2** | 13.2 | 10.6 | 11.6 | 17.2 | 16.6 | 16.9 | 22.4 | 21.2 | 21.6 | 24.5 | 23.1 | 23.6 |
| **3** | 13.6 | 12.0 | 12.8 | 17.3 | 16.1 | 16.9 | 22.6 | 21.9 | 22.2 | 24.4 | 23.5 | 23.9 |
| **4** | 14.1 | 13.3 | 13.7 | 16.2 | 15.4 | 15.8 | 22.4 | 21.1 | 21.9 | 27.4 | 23.0 | 24.6 |
| **5** | 14.9 | 13.7 | 14.2 | 16.4 | 15.5 | 16.0 | 22.2 | 20.7 | 21.3 | 25.2 | 22.8 | 23.8 |
| **6** | 13.9 | 12.5 | 13.3 | 16.6 | 15.8 | 16.2 | 25.8 | 21.1 | 22.9 | 23.4 | 22.5 | 22.9 |
| **7** | 14.1 | 12.5 | 13.4 | 15.8 | 14.6 | 15.1 | 24.3 | 22.1 | 23.3 | 23.6 | 22.8 | 23.2 |
| **8** | 14.2 | 13.0 | 13.6 | 16.6 | 14.2 | 15.1 | 23.4 | 22.5 | 23.0 | 26.0 | 22.9 | 24.0 |
| **9** | 18.3 | 13.7 | 15.6 | 15.3 | 14.6 | 14.9 | 23.3 | 22.5 | 22.7 | 25.6 | 23.2 | 24.4 |
| **10** | 19.2 | 15.6 | 16.7 | 15.5 | 15.1 | 15.2 | 22.7 | 22.1 | 22.3 | 25.9 | 24.4 | 25.0 |
| **11** | 16.4 | 15.9 | 16.2 | 16.0 | 14.9 | 15.3 | 22.6 | 22.0 | 22.3 | 25.3 | 24.4 | 24.9 |
| **12** | 15.9 | 14.7 | 15.5 | 17.7 | 15.0 | 15.9 | 22.0 | 21.1 | 21.6 | 24.7 | 23.7 | 24.2 |
| **13** | 17.4 | 14.1 | 15.2 | 16.2 | 15.2 | 15.8 | 22.0 | 20.7 | 21.3 | 24.7 | 24.3 | 24.5 |
| **14** | 15.1 | 14.2 | 14.7 | 17.5 | 16.1 | 16.6 | 21.2 | 20.1 | 20.7 | 25.2 | 24.4 | 24.7 |
| **15** | 16.0 | 14.9 | 15.4 | 19.0 | 16.7 | 17.6 | 20.9 | 19.8 | 20.4 | 27.0 | 23.8 | 25.1 |
| **16** | 16.0 | 15.3 | 15.8 | 18.2 | 17.3 | 17.8 | 20.8 | 19.9 | 20.4 | 24.6 | 22.4 | 23.8 |
| **17** | 16.4 | 15.2 | 15.7 | 19.0 | 18.0 | 18.4 | 20.8 | 20.3 | 20.5 | 24.7 | 23.6 | 24.1 |
| **18** | 16.1 | 14.9 | 15.6 | 19.3 | 18.7 | 19.0 | 21.1 | 20.1 | 20.6 | 25.8 | 23.2 | 24.2 |
| **19** | 17.2 | 15.5 | 16.3 | 18.8 | 17.9 | 18.4 | 22.9 | 20.0 | 20.9 | 25.9 | 23.2 | 24.5 |
| **20** | 16.7 | 16.1 | 16.4 | 19.7 | 17.2 | 18.5 | 22.0 | 20.3 | 21.3 | 26.8 | 23.8 | 25.2 |
| **21** | 18.0 | 16.6 | 16.9 | 19.8 | 18.3 | 18.9 | 22.7 | 21.7 | 22.2 | 27.4 | 25.7 | 26.3 |
| **22** | 16.7 | 15.7 | 16.2 | 25.9 | 18.3 | 20.9 | 23.9 | 22.4 | 23.2 | 26.6 | 26.2 | 26.5 |
| **23** | 17.2 | 15.4 | 16.1 | 23.3 | 18.9 | 20.0 | 24.5 | 23.1 | 23.9 | 27.1 | 26.2 | 26.6 |
| **24** | 17.7 | 16.3 | 16.8 | 22.9 | 17.5 | 19.0 | 24.1 | 23.2 | 23.6 | 27.8 | 26.8 | 27.3 |
| **25** | 17.5 | 16.2 | 16.8 | 18.8 | 18.2 | 18.5 | 23.8 | 23.0 | 23.4 | 28.4 | 27.3 | 27.8 |
| **26** | 17.1 | 16.1 | 16.6 | 18.8 | 18.2 | 18.5 | 24.5 | 23.2 | 23.8 | 28.5 | 27.8 | 28.1 |
| **27** | 19.1 | 15.6 | 16.7 | 19.4 | 18.3 | 18.8 | 24.4 | 22.8 | 23.7 | 28.7 | 27.6 | 28.1 |
| **28** | 16.7 | 16.2 | 16.4 | 19.9 | 19.0 | 19.3 | 23.5 | 22.2 | 22.7 | 31.0 | 27.8 | 28.9 |
| **29** | 16.4 | 15.9 | 16.2 | 20.8 | 19.3 | 20.0 | 23.5 | 21.9 | 22.9 | 30.3 | 28.1 | 29.1 |
| **30** | --- | --- | --- | 21.1 | 20.6 | 20.7 | 23.2 | 22.7 | 22.9 | 29.4 | 28.3 | 29.0 |
| **31** | --- | --- | --- | 21.4 | 20.5 | 20.9 | --- | --- | --- | 29.8 | 28.5 | 29.1 |
| **Month** | 19.2 | 9.7 | 15.2 | 25.9 | 14.2 | 17.7 | 25.8 | 19.8 | 22.2 | 31.0 | 22.4 | 25.5 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.6 | 28.6 | 29.1 | 31.4 | 29.8 | 30.5 | 31.8 | 30.0 | 30.6 | 30.6 | 29.2 | 29.9 |
| **2** | 29.8 | 28.7 | 29.2 | 31.2 | 29.5 | 30.5 | 32.9 | 30.4 | 31.1 | 29.6 | 28.9 | 29.3 |
| **3** | 29.4 | 28.7 | 29.0 | 32.2 | 29.4 | 30.7 | --- | --- | --- | 29.8 | 29.1 | 29.4 |
| **4** | 29.0 | 28.3 | 28.7 | 31.3 | 30.0 | 30.5 | --- | --- | --- | 30.3 | 29.1 | 29.6 |
| **5** | 28.7 | 28.3 | 28.5 | 30.9 | 29.6 | 29.9 | --- | --- | --- | 30.3 | 28.9 | 29.7 |
| **6** | 28.8 | 28.1 | 28.4 | 31.1 | 29.2 | 29.9 | --- | --- | --- | 30.7 | 29.1 | 29.9 |
| **7** | 29.0 | 28.3 | 28.7 | 30.9 | 29.4 | 30.4 | --- | --- | --- | 30.8 | 29.1 | 30.0 |
| **8** | 29.4 | 28.7 | 29.1 | 30.9 | 29.6 | 30.3 | --- | --- | --- | 30.4 | 29.6 | 30.0 |
| **9** | 29.6 | 28.8 | 29.2 | 32.6 | 29.8 | 31.0 | --- | --- | --- | --- | --- | --- |
| **10** | 29.5 | 28.9 | 29.2 | 30.7 | 29.6 | 30.2 | --- | --- | --- | --- | --- | --- |
| **11** | 29.7 | 29.0 | 29.3 | 30.3 | 29.5 | 30.0 | --- | --- | --- | --- | --- | --- |
| **12** | 29.6 | 28.9 | 29.4 | 31.0 | 29.9 | 30.3 | --- | --- | --- | --- | --- | --- |
| **13** | 29.6 | 29.0 | 29.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 30.1 | 29.1 | 29.6 | --- | --- | --- | 34.6 | --- | --- | --- | --- | --- |
| **15** | 32.5 | 29.4 | 30.3 | --- | --- | --- | 31.9 | 30.7 | 31.2 | --- | --- | --- |
| **16** | 31.9 | 29.4 | 30.4 | 34.5 | 30.3 | 31.4 | 31.1 | 30.1 | 30.5 | --- | --- | --- |
| **17** | 32.9 | 29.3 | 31.0 | 33.9 | 30.8 | 31.6 | 32.5 | 29.7 | 30.8 | 24.8 | 23.9 | 24.4 |
| **18** | 33.5 | 29.4 | 31.2 | 32.9 | 30.5 | 31.3 | 31.5 | 29.8 | 30.6 | 25.1 | 23.9 | 24.5 |
| **19** | 33.3 | 29.3 | 31.5 | 32.8 | 30.5 | 31.2 | 29.8 | 29.4 | 29.6 | 26.8 | 24.0 | 25.3 |
| **20** | 31.8 | 29.5 | 30.9 | 33.8 | 30.8 | 31.6 | --- | --- | --- | 28.3 | 24.9 | 26.5 |
| **21** | 32.0 | 29.4 | 30.5 | 33.8 | 30.8 | 32.1 | 29.9 | 28.9 | 29.2 | 27.6 | 25.5 | 26.5 |
| **22** | 32.4 | 29.9 | 31.0 | 33.6 | 30.9 | 31.8 | 29.9 | 28.8 | 29.3 | 27.9 | 25.6 | 26.7 |
| **23** | 32.8 | 29.9 | 31.2 | 31.4 | 30.4 | 30.7 | 33.5 | 29.3 | 30.9 | 27.7 | 26.1 | 26.9 |
| **24** | 31.5 | 29.8 | 30.7 | 30.4 | 29.4 | 29.8 | 31.8 | 29.6 | 30.9 | 27.4 | 26.4 | 26.9 |
| **25** | 30.7 | 29.8 | 30.3 | 30.2 | 29.2 | 29.7 | 31.4 | 28.9 | 30.6 | 26.6 | 25.8 | 26.3 |
| **26** | 30.4 | 29.6 | 30.0 | 31.2 | 29.2 | 30.1 | --- | --- | --- | 26.7 | 25.9 | 26.3 |
| **27** | --- | --- | --- | 32.3 | 29.1 | 30.2 | --- | --- | --- | 27.8 | 25.9 | 26.8 |
| **28** | --- | --- | --- | 33.0 | 29.0 | 30.6 | 33.5 | 29.9 | 31.0 | 28.9 | 26.1 | 27.3 |
| **29** | 30.9 | 29.3 | 29.7 | 31.0 | 30.0 | 30.3 | 33.4 | 30.1 | 31.5 | 27.7 | 25.9 | 26.8 |
| **30** | 31.0 | 29.2 | 30.0 | 31.2 | 29.6 | 30.3 | 32.4 | 30.7 | 31.4 | 27.5 | 25.8 | 26.5 |
| **31** | --- | --- | --- | 31.1 | 29.9 | 30.3 | 31.5 | 30.4 | 31.0 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 224 | 214 | 220 | 68 | 64 | 66 | 119 | 114 | 116 | 175 | 162 | 166 |
| **2** | 223 | 218 | 220 | 68 | 65 | 66 | 120 | 117 | 118 | 220 | 163 | 179 |
| **3** | 223 | 219 | 221 | 73 | 66 | 70 | 129 | 119 | 123 | 234 | 208 | 221 |
| **4** | 229 | 219 | 221 | 72 | 69 | 70 | 124 | 119 | 122 | 242 | 229 | 233 |
| **5** | 237 | 225 | 229 | 73 | 70 | 71 | 124 | 120 | 122 | 234 | 221 | 227 |
| **6** | 237 | 225 | 232 | 73 | 70 | 71 | 123 | 120 | 121 | 229 | 220 | 226 |
| **7** | --- | --- | --- | 73 | 70 | 71 | 133 | 120 | 123 | 222 | 206 | 213 |
| **8** | --- | --- | --- | 82 | 71 | 73 | 134 | 122 | 127 | 211 | 193 | 202 |
| **9** | --- | --- | --- | 82 | 74 | 78 | 129 | 122 | 125 | 210 | 186 | 194 |
| **10** | --- | --- | --- | 92 | 80 | 87 | 129 | 125 | 128 | 193 | 183 | 188 |
| **11** | --- | --- | --- | 96 | 89 | 92 | 130 | 126 | 128 | 186 | 180 | 183 |
| **12** | --- | --- | --- | 101 | 92 | 95 | 129 | 123 | 126 | 187 | 180 | 183 |
| **13** | 250 | 236 | 240 | 104 | 94 | 98 | 126 | 123 | 124 | 188 | 181 | 184 |
| **14** | 252 | 234 | 241 | 104 | 96 | 101 | 127 | 124 | 125 | 186 | 179 | 184 |
| **15** | 250 | 234 | 244 | 102 | 95 | 99 | 129 | 125 | 126 | 186 | 167 | 177 |
| **16** | 269 | 234 | 246 | 104 | 94 | 100 | 127 | 125 | 126 | 178 | 168 | 176 |
| **17** | 258 | 140 | 210 | 102 | 99 | 101 | 132 | 126 | 128 | 180 | 177 | 178 |
| **18** | 165 | 99 | 125 | 103 | 101 | 102 | 137 | 128 | 132 | 178 | 147 | 161 |
| **19** | 111 | 79 | 95 | 107 | 102 | 104 | 140 | 134 | 137 | 147 | 141 | 143 |
| **20** | 97 | 79 | 92 | 107 | 101 | 104 | 151 | 139 | 144 | 155 | 143 | 148 |
| **21** | 90 | 77 | 86 | 105 | 102 | 103 | 142 | 140 | 141 | 161 | 140 | 146 |
| **22** | 86 | 71 | 78 | 108 | 103 | 104 | 147 | 142 | 144 | 167 | 142 | 154 |
| **23** | 85 | 76 | 80 | 108 | 106 | 107 | 162 | 145 | 147 | 168 | 149 | 157 |
| **24** | 84 | 79 | 81 | 107 | 106 | 107 | 166 | 140 | 152 | 164 | 153 | 159 |
| **25** | 86 | 80 | 83 | 107 | 106 | 107 | 156 | 141 | 146 | 168 | 155 | 162 |
| **26** | 93 | 81 | 85 | 108 | 107 | 107 | 152 | 143 | 149 | 165 | 158 | 160 |
| **27** | 83 | 79 | 80 | 109 | 107 | 108 | 153 | 150 | 152 | 162 | 153 | 156 |
| **28** | 98 | 79 | 83 | 111 | 107 | 109 | 169 | 152 | 156 | 155 | 141 | 147 |
| **29** | 90 | 78 | 85 | 112 | 109 | 111 | 185 | 166 | 175 | 149 | 144 | 147 |
| **30** | 83 | 73 | 76 | 117 | 111 | 113 | 171 | 164 | 168 | 150 | 142 | 147 |
| **31** | 76 | 63 | 67 | --- | --- | --- | 164 | 162 | 163 | 143 | 129 | 136 |
| **Month** | --- | --- | --- | 117 | 64 | 93 | 185 | 114 | 136 | 242 | 129 | 175 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 149 | 134 | 143 | 152 | 151 | 152 | 181 | 153 | 161 | 178 | 175 | 176 |
| **2** | 143 | 134 | 139 | 155 | 152 | 153 | 174 | 161 | 166 | 185 | 176 | 180 |
| **3** | 137 | 131 | 134 | 156 | 153 | 155 | 174 | 170 | 173 | 183 | 176 | 178 |
| **4** | 134 | 132 | 133 | 159 | 155 | 157 | 174 | 171 | 173 | 194 | 179 | 184 |
| **5** | 137 | 133 | 135 | 159 | 156 | 157 | 174 | 161 | 170 | 213 | 194 | 204 |
| **6** | 136 | 135 | 135 | 158 | 156 | 157 | 171 | 169 | 170 | 200 | 164 | 177 |
| **7** | 136 | 135 | 135 | 159 | 154 | 157 | 169 | 167 | 169 | 181 | 165 | 173 |
| **8** | 136 | 134 | 135 | 159 | 155 | 157 | 168 | 163 | 167 | 181 | 157 | 166 |
| **9** | 138 | 135 | 137 | 159 | 155 | 158 | 168 | 163 | 166 | 162 | 158 | 161 |
| **10** | 139 | 138 | 139 | 162 | 156 | 159 | 169 | 163 | 165 | 162 | 151 | 159 |
| **11** | 139 | 138 | 138 | 165 | 160 | 161 | 167 | 165 | 166 | 153 | 139 | 149 |
| **12** | 142 | 138 | 140 | 165 | 158 | 163 | 166 | 161 | 164 | 145 | 139 | 142 |
| **13** | 143 | 139 | 141 | 166 | 164 | 165 | 167 | 162 | 165 | 151 | 140 | 144 |
| **14** | 143 | 140 | 142 | 176 | 162 | 167 | 168 | 166 | 167 | 146 | 142 | 145 |
| **15** | 145 | 140 | 142 | 267 | 172 | 215 | 168 | 167 | 167 | 149 | 145 | 146 |
| **16** | 146 | 141 | 144 | 240 | 198 | 215 | 169 | 167 | 168 | 151 | 146 | 150 |
| **17** | 147 | 142 | 144 | 215 | 191 | 203 | 169 | 168 | 168 | 154 | 150 | 152 |
| **18** | 146 | 142 | 144 | 191 | 148 | 158 | 170 | 166 | 168 | 156 | 152 | 154 |
| **19** | 146 | 142 | 144 | 153 | 138 | 146 | --- | --- | --- | 159 | 154 | 156 |
| **20** | 148 | 142 | 144 | 152 | 135 | 140 | --- | --- | --- | 159 | 157 | 158 |
| **21** | 149 | 146 | 147 | 152 | 140 | 148 | --- | --- | --- | 158 | 157 | 158 |
| **22** | 147 | 144 | 146 | 151 | 147 | 150 | --- | --- | --- | 159 | 158 | 159 |
| **23** | 147 | 146 | 147 | 148 | 144 | 147 | --- | --- | --- | 160 | 159 | 160 |
| **24** | 149 | 147 | 148 | 148 | 147 | 148 | 168 | 167 | 167 | 162 | 160 | 161 |
| **25** | 152 | 148 | 150 | 148 | 143 | 146 | 170 | 164 | 167 | 162 | 161 | 162 |
| **26** | 153 | 151 | 152 | 147 | 143 | 145 | 170 | 166 | 168 | 164 | 162 | 163 |
| **27** | 156 | 153 | 154 | 146 | 140 | 144 | 186 | 170 | 173 | 164 | 161 | 163 |
| **28** | 156 | 152 | 154 | 145 | 141 | 144 | 187 | 173 | 177 | 171 | 162 | 167 |
| **29** | --- | --- | --- | 145 | 134 | 141 | 181 | 175 | 178 | 200 | 163 | 190 |
| **30** | --- | --- | --- | 141 | 139 | 140 | 180 | 177 | 179 | 195 | 189 | 192 |
| **31** | --- | --- | --- | 170 | 139 | 150 | --- | --- | --- | 190 | 181 | 187 |
| **Month** | 156 | 131 | 142 | 267 | 134 | 158 | --- | --- | --- | 213 | 139 | 165 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 182 | 174 | 178 | 187 | 184 | 185 | 138 | 134 | 136 | 174 | 171 | 173 |
| **2** | 181 | 174 | 177 | 187 | 185 | 186 | 138 | 135 | 137 | 182 | 173 | 175 |
| **3** | 177 | 167 | 172 | 187 | 181 | 184 | 140 | 135 | 137 | 177 | 171 | 174 |
| **4** | 171 | 152 | 162 | 182 | 181 | 182 | 141 | 138 | 139 | 175 | 172 | 173 |
| **5** | 160 | 150 | 155 | 182 | 180 | 181 | 142 | 140 | 141 | 179 | 174 | 176 |
| **6** | 158 | 150 | 155 | 183 | 181 | 182 | 142 | 138 | 140 | 182 | 174 | 177 |
| **7** | 156 | 155 | 155 | 182 | 165 | 178 | 144 | 139 | 142 | 189 | 181 | 186 |
| **8** | 156 | 153 | 154 | 177 | 173 | 175 | 146 | 142 | 144 | 187 | 183 | 186 |
| **9** | 154 | 151 | 153 | 174 | 167 | 170 | 146 | 141 | 143 | 191 | 186 | 188 |
| **10** | 152 | 149 | 151 | 168 | 162 | 165 | 148 | 142 | 145 | 199 | 187 | 191 |
| **11** | 151 | 147 | 149 | 167 | 162 | 164 | 147 | 143 | 145 | 200 | 191 | 195 |
| **12** | 152 | 148 | 149 | 166 | 161 | 163 | 147 | 143 | 144 | 205 | 194 | 196 |
| **13** | 150 | 147 | 148 | 164 | 161 | 163 | 147 | 143 | 145 | 203 | 189 | 195 |
| **14** | 151 | 148 | 149 | 162 | 161 | 162 | 151 | 144 | 148 | 196 | 192 | 193 |
| **15** | 152 | 151 | 151 | 163 | 160 | 162 | 154 | 149 | 151 | 206 | 195 | 200 |
| **16** | 152 | 151 | 151 | 161 | 158 | 160 | 151 | 142 | 147 | 209 | 200 | 204 |
| **17** | 154 | 151 | 152 | 160 | 157 | 159 | 146 | 128 | 140 | 207 | 200 | 204 |
| **18** | 155 | 152 | 153 | 162 | 160 | 161 | 140 | 128 | 134 | 205 | 203 | 204 |
| **19** | 161 | 153 | 156 | 164 | 161 | 163 | 143 | 137 | 140 | 205 | 200 | 202 |
| **20** | 169 | 157 | 162 | 163 | 150 | 158 | 145 | 140 | 142 | 201 | 199 | 200 |
| **21** | 175 | 167 | 172 | 150 | 142 | 145 | 167 | 141 | 151 | 203 | 199 | 200 |
| **22** | 182 | 173 | 176 | 147 | 128 | 141 | 159 | 156 | 157 | 204 | 201 | 203 |
| **23** | 182 | 176 | 179 | 131 | 126 | 128 | 164 | 159 | 163 | 204 | 201 | 203 |
| **24** | 188 | 178 | 183 | 137 | 127 | 129 | 165 | 162 | 163 | 205 | 202 | 203 |
| **25** | 189 | 183 | 186 | 131 | 128 | 129 | 169 | 164 | 167 | 203 | 200 | 202 |
| **26** | 189 | 181 | 184 | 133 | 131 | 132 | 180 | 168 | 173 | 204 | 200 | 202 |
| **27** | 190 | 183 | 187 | 133 | 131 | 133 | 181 | 176 | 180 | 203 | 200 | 201 |
| **28** | 188 | 186 | 187 | 133 | 131 | 132 | 181 | 164 | 173 | 203 | 199 | 200 |
| **29** | 187 | 184 | 186 | 133 | 130 | 132 | 171 | 164 | 168 | 207 | 203 | 205 |
| **30** | 187 | 185 | 186 | 134 | 130 | 132 | 176 | 168 | 171 | 211 | 206 | 209 |
| **31** | --- | --- | --- | 135 | 131 | 133 | 176 | 171 | 173 | --- | --- | --- |
| **Month** | 190 | 147 | 165 | 187 | 126 | 157 | 181 | 128 | 151 | 211 | 171 | 194 |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 211 | 202 | 209 | 216 | 206 | 212 | 211 | 210 | 211 | 220 | 214 | 218 |
| **2** | 210 | 201 | 205 | 214 | 198 | 207 | 212 | 210 | 211 | 223 | 218 | 220 |
| **3** | 206 | 203 | 205 | 214 | 200 | 207 | 213 | 207 | 210 | 224 | 219 | 221 |
| **4** | 207 | 205 | 206 | 208 | 196 | 203 | 212 | 210 | 211 | 224 | 215 | 218 |
| **5** | 210 | 206 | 208 | 204 | 199 | 201 | 211 | 208 | 210 | 220 | 216 | 219 |
| **6** | 211 | 203 | 208 | 206 | 203 | 204 | 212 | 208 | 210 | 220 | 218 | 219 |
| **7** | 211 | 207 | 208 | 205 | 198 | 202 | 209 | 206 | 207 | 224 | 219 | 221 |
| **8** | 214 | 207 | 210 | 205 | 202 | 204 | 208 | 207 | 208 | 224 | 219 | 221 |
| **9** | 216 | 208 | 211 | 205 | 201 | 203 | 208 | 208 | 208 | 227 | 222 | 224 |
| **10** | 220 | 212 | 215 | 205 | 202 | 204 | 208 | 207 | 208 | 226 | 221 | 223 |
| **11** | 214 | 205 | 210 | 204 | 203 | 203 | 210 | 208 | 208 | 227 | 222 | 225 |
| **12** | 220 | 210 | 214 | 205 | 203 | 204 | 214 | 205 | 209 | 227 | 223 | 225 |
| **13** | 217 | 213 | 216 | 204 | 202 | 203 | 210 | 206 | 207 | 229 | 225 | 226 |
| **14** | 218 | 215 | 216 | 211 | 203 | 204 | 208 | 204 | 208 | 233 | 225 | 228 |
| **15** | 218 | 212 | 216 | 206 | 204 | 205 | 208 | 202 | 204 | 231 | 227 | 229 |
| **16** | 224 | 212 | 218 | 206 | 204 | 205 | 209 | 206 | 207 | 241 | 226 | 231 |
| **17** | 248 | 219 | 235 | 205 | 203 | 204 | 209 | 206 | 207 | 234 | 228 | 230 |
| **18** | 243 | 223 | 231 | 203 | 201 | 202 | 208 | 206 | 207 | 238 | 224 | 228 |
| **19** | 234 | 225 | 230 | 202 | 200 | 201 | 208 | 206 | 207 | 244 | 223 | 230 |
| **20** | 229 | 215 | 221 | 203 | 196 | 201 | 207 | 205 | 206 | 245 | 232 | 238 |
| **21** | 224 | 218 | 221 | 213 | 201 | 206 | 210 | 207 | 208 | 237 | 234 | 235 |
| **22** | 224 | 220 | 223 | 235 | 209 | 223 | 212 | 209 | 210 | 253 | 234 | 243 |
| **23** | 224 | 217 | 220 | 232 | 220 | 228 | 217 | 210 | 214 | 261 | 249 | 255 |
| **24** | 222 | 218 | 219 | 234 | 221 | 226 | 218 | 214 | 217 | 261 | 256 | 259 |
| **25** | 218 | 214 | 216 | 225 | 216 | 219 | 225 | 216 | 221 | 261 | 247 | 254 |
| **26** | 218 | 214 | 217 | 222 | 215 | 218 | 223 | 213 | 218 | 249 | 242 | 246 |
| **27** | 218 | 207 | 213 | 217 | 213 | 215 | 218 | 215 | 217 | 247 | 237 | 245 |
| **28** | 216 | 204 | 209 | 216 | 212 | 214 | 218 | 213 | 215 | 244 | 239 | 241 |
| **29** | 218 | 206 | 212 | 215 | 211 | 212 | 218 | 215 | 217 | 244 | 237 | 240 |
| **30** | 214 | 206 | 210 | 212 | 210 | 211 | 223 | 215 | 217 | 242 | 229 | 236 |
| **31** | 215 | 210 | 213 | --- | --- | --- | 218 | 214 | 216 | 241 | 234 | 237 |
| **Month** | 248 | 201 | 215 | 235 | 196 | 208 | 225 | 202 | 211 | 261 | 214 | 232 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 243 | 236 | 239 | 145 | 142 | 143 | 200 | 197 | 198 | 235 | 228 | 230 |
| **2** | 238 | 234 | 237 | 146 | 142 | 143 | 204 | 198 | 199 | 236 | 229 | 231 |
| **3** | 237 | 231 | 235 | 145 | 141 | 143 | 204 | 196 | 201 | 238 | 218 | 229 |
| **4** | 235 | 232 | 233 | 144 | 140 | 142 | 197 | 195 | 196 | 221 | 212 | 217 |
| **5** | 234 | 226 | 231 | 142 | 140 | 141 | 201 | 195 | 198 | 221 | 212 | 216 |
| **6** | 234 | 229 | 232 | 142 | 140 | 141 | 201 | 198 | 199 | 233 | 213 | 222 |
| **7** | --- | --- | --- | 143 | 139 | 141 | 202 | 196 | 199 | 275 | 226 | 241 |
| **8** | 226 | 225 | 225 | 143 | 140 | 142 | 202 | 197 | 199 | --- | --- | --- |
| **9** | 227 | 222 | 224 | 142 | 141 | 142 | 200 | 198 | 199 | 251 | 248 | 249 |
| **10** | 227 | 214 | 218 | 143 | 142 | 142 | 206 | 198 | 202 | 248 | 240 | 245 |
| **11** | 221 | 210 | 214 | 145 | 143 | 143 | 207 | 201 | 203 | 241 | 228 | 236 |
| **12** | 224 | 221 | 222 | 148 | 144 | 145 | 208 | 203 | 206 | 235 | 227 | 232 |
| **13** | 223 | 217 | 221 | 168 | 148 | 161 | 211 | 205 | 207 | 235 | 227 | 231 |
| **14** | 222 | 218 | 220 | 186 | 167 | 175 | 208 | 204 | 206 | 235 | 231 | 233 |
| **15** | 222 | 219 | 221 | 184 | 172 | 180 | 218 | 207 | 210 | 232 | 228 | 230 |
| **16** | 222 | 215 | 218 | 190 | 181 | 184 | 218 | 207 | 212 | 230 | 224 | 226 |
| **17** | 224 | 214 | 217 | 191 | 175 | 185 | 213 | 209 | 211 | 224 | 215 | 221 |
| **18** | 233 | 218 | 224 | 183 | 176 | 179 | 214 | 210 | 211 | 220 | 207 | 212 |
| **19** | 234 | 200 | 222 | 189 | 179 | 184 | 214 | 211 | 212 | 214 | 202 | 207 |
| **20** | 204 | 190 | 198 | 188 | 185 | 186 | 217 | 214 | 215 | 227 | 202 | 214 |
| **21** | 203 | 145 | 174 | 188 | 185 | 186 | 217 | 215 | 216 | 224 | 219 | 221 |
| **22** | 145 | 140 | 141 | 193 | 186 | 188 | 219 | 217 | 218 | 221 | 220 | 220 |
| **23** | 144 | 141 | 142 | 192 | 189 | 190 | 218 | 217 | 217 | 221 | 219 | 220 |
| **24** | 155 | 142 | 152 | 201 | 183 | 189 | 218 | 217 | 218 | 222 | 219 | 221 |
| **25** | 156 | 148 | 152 | 191 | 186 | 188 | 228 | 217 | 221 | 221 | 219 | 220 |
| **26** | 150 | 132 | 143 | 193 | 188 | 189 | 226 | 221 | 224 | 223 | 219 | 221 |
| **27** | 153 | 134 | 141 | 196 | 189 | 193 | 233 | 226 | 229 | 222 | 218 | 220 |
| **28** | 145 | 140 | 142 | 198 | 191 | 195 | 237 | 229 | 233 | 222 | 215 | 220 |
| **29** | 143 | 140 | 142 | 197 | 193 | 196 | 235 | 231 | 233 | 219 | 215 | 216 |
| **30** | --- | --- | --- | 197 | 195 | 197 | 232 | 229 | 231 | 223 | 216 | 218 |
| **31** | --- | --- | --- | 198 | 196 | 197 | --- | --- | --- | 224 | 220 | 221 |
| **Month** | --- | --- | --- | 201 | 139 | 169 | 237 | 195 | 211 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 225 | 222 | 223 | 241 | 236 | 239 | --- | --- | --- | 285 | 275 | 280 |
| **2** | 227 | 224 | 226 | 242 | 233 | 237 | --- | --- | --- | 283 | 276 | 280 |
| **3** | 230 | 225 | 228 | 242 | 230 | 237 | --- | --- | --- | 284 | 277 | 281 |
| **4** | 231 | 221 | 225 | 240 | 232 | 237 | --- | --- | --- | 284 | 280 | 283 |
| **5** | 222 | 221 | 221 | 241 | 234 | 239 | --- | --- | --- | 281 | 273 | 278 |
| **6** | 222 | 220 | 221 | 241 | 237 | 239 | --- | --- | --- | 274 | 267 | 271 |
| **7** | 222 | 220 | 221 | 242 | 237 | 240 | --- | --- | --- | 274 | 262 | 267 |
| **8** | 223 | 221 | 222 | 243 | 239 | 241 | --- | --- | --- | 279 | 261 | 270 |
| **9** | 225 | 223 | 224 | 247 | 242 | 245 | --- | --- | --- | --- | --- | --- |
| **10** | 225 | 223 | 224 | 251 | 245 | 247 | --- | --- | --- | --- | --- | --- |
| **11** | 227 | 224 | 225 | 333 | 247 | 267 | --- | --- | --- | --- | --- | --- |
| **12** | 225 | 224 | 224 | 258 | 252 | 255 | --- | --- | --- | --- | --- | --- |
| **13** | 228 | 223 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 226 | 224 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 227 | 224 | 226 | --- | --- | --- | 286 | 285 | 286 | --- | --- | --- |
| **16** | 230 | 225 | 227 | 268 | 257 | 262 | 286 | 284 | 285 | --- | --- | --- |
| **17** | 235 | 226 | 230 | 268 | 259 | 263 | 292 | 285 | 288 | 81 | 70 | 78 |
| **18** | 235 | 230 | 231 | 271 | 260 | 264 | 290 | 286 | 288 | 78 | 64 | 73 |
| **19** | 236 | 231 | 234 | 272 | 260 | 265 | 286 | 285 | 286 | 78 | 65 | 72 |
| **20** | 237 | 233 | 235 | 270 | 263 | 267 | --- | --- | --- | 78 | 67 | 73 |
| **21** | 237 | 232 | 234 | 277 | 265 | 269 | 284 | 280 | 282 | 78 | 69 | 73 |
| **22** | 237 | 233 | 234 | 279 | 262 | 268 | 288 | 283 | 285 | 79 | 70 | 75 |
| **23** | 244 | 236 | 240 | 272 | 265 | 269 | 299 | 287 | 291 | 99 | 75 | 80 |
| **24** | 241 | 232 | 235 | 273 | 263 | 268 | 291 | 286 | 290 | 94 | 82 | 87 |
| **25** | 233 | 231 | 232 | 265 | 261 | 263 | 292 | 284 | 290 | 124 | 87 | 104 |
| **26** | 236 | 231 | 233 | 262 | 259 | 261 | --- | 289 | --- | 126 | 101 | 118 |
| **27** | --- | --- | --- | 267 | 260 | 263 | --- | 287 | --- | 128 | 118 | 123 |
| **28** | --- | --- | --- | 401 | 262 | 303 | 290 | 282 | 286 | 126 | 120 | 124 |
| **29** | 241 | 234 | 238 | 269 | 263 | 266 | 291 | 281 | 286 | 129 | 122 | 126 |
| **30** | 241 | 239 | 240 | 273 | 264 | 270 | 286 | 280 | 282 | 126 | 119 | 123 |
| **31** | --- | --- | --- | 278 | 271 | 275 | 288 | 278 | 282 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.8 | 7.9 | 6.7 | 6.7 | 7.3 | 7.0 | 7.6 | 7.5 | 7.3 | 7.2 | 7.4 | 7.3 |
| **2** | 8.8 | 8.1 | 6.9 | 6.7 | 7.4 | 7.1 | 7.8 | 7.5 | 7.3 | 7.2 | 7.4 | 7.2 |
| **3** | 8.8 | 8.1 | 7.0 | 6.9 | 7.4 | 7.0 | 7.8 | 7.7 | 7.3 | 7.2 | 7.4 | 7.2 |
| **4** | 8.7 | 8.1 | 6.9 | 6.9 | 7.2 | 7.0 | 7.8 | 7.6 | 7.3 | 7.1 | 7.4 | 7.3 |
| **5** | 8.4 | 7.9 | 7.0 | 6.9 | 7.2 | 7.1 | 7.7 | 7.6 | 7.3 | 7.1 | 7.6 | 7.4 |
| **6** | 9.4 | 8.1 | 7.0 | 6.9 | 7.2 | 7.1 | 7.7 | 7.6 | 7.3 | 7.1 | 7.6 | 7.4 |
| **7** | --- | --- | 7.1 | 6.9 | 7.2 | 7.0 | 7.6 | 7.5 | 7.4 | 7.1 | 7.8 | 7.3 |
| **8** | --- | --- | 7.0 | 6.8 | --- | --- | 7.6 | 7.5 | 7.4 | 7.1 | 7.7 | 7.4 |
| **9** | --- | --- | 7.0 | 6.9 | 7.2 | 7.1 | 7.6 | 7.4 | 7.3 | 7.1 | 7.6 | 7.3 |
| **10** | --- | --- | 7.0 | 7.0 | 7.2 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 | 7.5 | 7.3 |
| **11** | --- | --- | 7.1 | 7.0 | 7.2 | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 | 7.4 | 7.2 |
| **12** | --- | --- | 7.2 | 7.1 | 7.4 | 7.0 | 7.4 | 7.4 | 7.2 | 7.2 | 7.4 | 7.3 |
| **13** | 8.7 | 8.0 | 7.6 | 7.1 | 7.7 | 7.3 | 7.4 | 7.4 | 7.2 | 7.2 | 7.4 | 7.3 |
| **14** | 8.9 | 8.0 | 7.4 | 7.0 | 7.9 | 7.5 | 7.5 | 7.3 | 7.3 | 7.2 | 7.4 | 7.1 |
| **15** | 8.9 | 8.4 | 7.3 | 7.1 | 7.7 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 8.8 | 7.3 |
| **16** | 8.4 | 8.0 | 7.4 | 7.1 | 7.7 | 7.5 | 7.6 | 7.4 | 7.5 | 7.3 | 8.1 | 7.5 |
| **17** | 8.8 | 7.3 | 7.1 | 7.1 | 7.8 | 7.4 | 7.5 | 7.5 | 7.4 | 7.3 | 7.5 | 7.2 |
| **18** | 7.5 | 6.8 | 7.3 | 7.1 | 7.8 | 7.4 | 7.5 | 7.2 | 7.5 | 7.3 | 7.2 | 7.0 |
| **19** | 7.0 | 6.8 | 7.2 | 6.8 | 8.0 | 7.4 | 7.3 | 7.2 | 7.4 | 7.4 | 7.2 | 7.1 |
| **20** | 6.9 | 6.8 | 7.2 | 7.0 | 7.6 | 7.4 | 7.4 | 7.2 | 7.5 | 7.3 | 7.2 | 7.0 |
| **21** | 6.9 | 6.7 | 7.1 | 7.0 | 7.6 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.2 | 7.1 |
| **22** | 6.8 | 6.6 | 7.2 | 7.0 | 7.6 | 7.4 | 7.4 | 7.2 | 7.5 | 7.3 | 7.2 | 7.1 |
| **23** | 6.9 | 6.8 | 7.5 | 7.0 | 7.5 | 7.4 | 7.4 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 |
| **24** | 6.9 | 6.8 | 7.2 | 7.1 | 7.6 | 7.4 | 7.4 | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 |
| **25** | 6.9 | 6.8 | 7.3 | 7.1 | 7.5 | 7.4 | 7.5 | 7.1 | 7.6 | 7.3 | 7.2 | 7.1 |
| **26** | 6.9 | 6.9 | 7.2 | 7.1 | 7.6 | 7.4 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.1 |
| **27** | 6.9 | 6.8 | 7.1 | 7.1 | 7.5 | 7.4 | 7.4 | 7.3 | 7.4 | 7.3 | 7.2 | 7.2 |
| **28** | 7.0 | 6.9 | 7.1 | 6.9 | 7.6 | 7.4 | 7.3 | 7.2 | 7.5 | 7.4 | 7.2 | 7.1 |
| **29** | 6.9 | 6.8 | 7.0 | 7.0 | 7.6 | 7.5 | 7.3 | 7.3 | --- | --- | 7.3 | 7.1 |
| **30** | 6.9 | 6.8 | 7.1 | 7.0 | 7.7 | 7.5 | 7.4 | 7.3 | --- | --- | 7.2 | 7.1 |
| **31** | 6.8 | 6.6 | --- | --- | 7.6 | 7.5 | 7.3 | 7.2 | --- | --- | 7.3 | 7.2 |
| **Month** | --- | --- | 7.6 | 6.7 | --- | --- | 7.8 | 7.1 | 7.6 | 7.1 | 8.8 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.4 | 7.3 | 7.8 | 7.4 | 8.9 | 8.7 | 8.5 | 7.8 | 8.9 | 7.1 | 8.7 | 7.8 |
| **2** | 7.5 | 7.3 | 7.6 | 7.4 | 8.9 | 8.8 | 7.8 | 7.3 | 9.2 | 7.7 | 8.8 | 7.8 |
| **3** | 7.6 | 7.0 | 7.5 | 7.4 | 8.9 | 8.8 | 8.1 | 7.3 | 9.4 | 8.0 | 8.7 | 7.5 |
| **4** | 7.2 | 7.0 | 7.9 | 7.4 | 9.4 | 7.6 | 7.9 | 7.6 | 8.5 | 8.1 | 8.9 | 7.6 |
| **5** | 7.5 | 7.0 | 7.5 | 7.4 | 9.4 | 7.9 | 8.4 | 7.6 | 8.2 | 7.6 | 8.2 | 7.7 |
| **6** | 7.6 | 7.3 | 7.4 | 7.2 | 8.4 | 7.4 | 7.9 | 7.4 | 8.0 | 7.7 | 8.6 | 7.7 |
| **7** | 7.5 | 7.3 | 7.4 | 7.2 | 8.3 | 7.3 | 7.9 | 7.4 | 7.9 | 7.5 | 9.2 | 7.8 |
| **8** | 7.5 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.9 | 7.6 | 7.8 | 7.6 | 9.2 | 8.4 |
| **9** | 7.5 | 7.4 | 7.4 | 7.2 | 8.3 | 7.3 | 7.9 | 7.6 | 8.0 | 7.5 | 9.3 | 8.6 |
| **10** | 7.5 | 7.2 | 7.5 | 7.0 | 9.5 | 7.5 | 7.9 | 7.5 | --- | --- | 9.4 | 8.6 |
| **11** | 7.4 | 7.3 | 8.3 | 7.1 | 9.6 | 8.0 | 8.4 | 7.7 | 7.7 | 7.1 | 9.4 | 8.7 |
| **12** | 7.5 | 7.3 | 8.8 | 7.3 | 9.6 | 7.9 | 8.1 | 7.8 | 7.8 | 7.2 | 8.7 | 7.8 |
| **13** | 7.4 | 7.3 | 9.0 | 7.2 | 9.3 | 7.5 | 8.0 | 7.4 | 7.6 | 7.2 | 8.6 | 7.7 |
| **14** | 7.5 | 7.4 | 8.8 | 7.6 | 9.0 | 7.8 | 8.6 | 7.4 | 7.6 | 7.3 | 8.9 | 8.1 |
| **15** | 7.5 | 7.4 | 8.8 | 7.4 | 8.3 | 7.6 | 7.6 | 7.3 | 7.7 | 7.4 | 9.1 | 8.7 |
| **16** | 7.4 | 7.3 | 7.5 | 6.8 | 7.7 | 7.5 | 8.2 | 7.4 | 7.7 | 7.6 | 9.2 | 8.5 |
| **17** | 7.5 | 7.4 | 7.4 | 7.2 | 7.5 | 7.4 | 8.6 | 7.3 | 7.8 | 7.5 | 9.1 | 8.8 |
| **18** | 7.5 | 7.4 | 8.2 | 7.3 | 7.6 | 7.3 | 8.0 | 7.3 | 7.8 | 7.5 | 8.9 | 8.0 |
| **19** | --- | --- | 8.3 | 7.6 | 7.6 | 7.3 | 8.3 | 7.4 | 8.1 | 7.8 | 9.2 | 8.6 |
| **20** | --- | --- | 8.0 | 7.6 | 8.0 | 7.4 | 7.9 | 7.3 | 8.2 | 8.0 | 9.3 | 8.8 |
| **21** | --- | --- | 7.9 | 7.6 | 8.0 | 7.4 | 8.7 | 7.3 | 8.4 | 7.6 | 9.5 | 8.5 |
| **22** | --- | --- | 7.9 | 7.6 | 7.7 | 7.2 | 9.0 | 7.6 | 8.4 | 7.7 | 9.5 | 8.5 |
| **23** | --- | --- | 8.0 | 7.8 | 7.5 | 6.9 | 9.1 | 7.4 | 8.1 | 7.4 | 9.8 | 8.7 |
| **24** | 7.5 | 7.4 | 8.1 | 7.9 | 7.2 | 6.9 | 9.3 | 7.5 | 7.6 | 7.3 | 9.5 | 8.7 |
| **25** | 7.5 | 7.3 | 8.2 | 8.0 | 7.2 | 6.9 | 8.9 | 7.8 | 7.6 | 7.3 | 9.1 | 8.7 |
| **26** | 7.5 | 7.4 | 8.2 | 8.1 | 7.3 | 6.9 | 8.5 | 7.7 | 8.5 | 7.2 | 9.1 | 7.7 |
| **27** | 7.7 | 7.5 | 8.4 | 8.1 | 7.6 | 7.2 | 8.1 | 7.4 | 8.8 | 7.9 | 9.1 | 8.6 |
| **28** | 8.7 | 7.5 | 8.5 | 8.3 | 8.1 | 7.4 | 8.4 | 7.5 | 9.0 | 7.7 | 8.8 | 8.1 |
| **29** | 8.6 | 7.9 | 8.7 | 8.3 | 8.4 | 7.6 | 9.0 | 7.5 | 8.6 | 7.7 | 8.8 | 7.9 |
| **30** | 8.5 | 7.7 | 8.9 | 8.6 | 8.7 | 7.8 | 9.3 | 7.6 | 9.2 | 7.5 | 8.7 | 7.9 |
| **31** | --- | --- | 8.9 | 8.6 | --- | --- | 9.5 | 7.7 | 8.9 | 7.6 | --- | --- |
| **Month** | --- | --- | 9.0 | 6.8 | 9.6 | 6.9 | 9.5 | 7.3 | --- | --- | 9.8 | 7.5 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.8 | 7.8 | 9.5 | 9.1 | 8.9 | 8.4 | 8.0 | 7.8 | 8.1 | 7.7 | 7.6 | 7.3 |
| **2** | 9.3 | 7.6 | 9.8 | 8.0 | 8.4 | 7.5 | 8.0 | 7.9 | 7.9 | 7.7 | 7.3 | 7.3 |
| **3** | 9.4 | 7.7 | 9.8 | 9.5 | 7.6 | 7.5 | 8.1 | 7.9 | 7.8 | 7.6 | 7.4 | 7.3 |
| **4** | 9.3 | 8.4 | 9.8 | 9.4 | 8.1 | 7.5 | 8.1 | 7.9 | 7.7 | 7.6 | 7.4 | 7.3 |
| **5** | 9.0 | 8.4 | 9.5 | 8.8 | 7.9 | 7.4 | 8.0 | 7.9 | 7.7 | 7.4 | 7.4 | 7.4 |
| **6** | 8.8 | 8.1 | 9.2 | 8.8 | 7.7 | 7.4 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.4 |
| **7** | 8.9 | 8.5 | 9.3 | 8.4 | 7.8 | 7.2 | 7.9 | 7.8 | 7.7 | 7.4 | 7.5 | 7.4 |
| **8** | 9.1 | 8.3 | 8.6 | 8.3 | 8.0 | 7.7 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.4 |
| **9** | 9.0 | 8.4 | 8.9 | 8.3 | 8.0 | 7.8 | 8.1 | 7.8 | 8.8 | 7.6 | 7.5 | 7.4 |
| **10** | 8.9 | 8.4 | 8.8 | 7.8 | 8.6 | 7.8 | 8.0 | 7.7 | 9.1 | 8.0 | 7.5 | 7.4 |
| **11** | 9.2 | 8.3 | 8.7 | 8.4 | 7.9 | 7.6 | 8.3 | 7.8 | 8.4 | 7.9 | 7.5 | 7.4 |
| **12** | 9.3 | 8.6 | 9.1 | 8.2 | 7.8 | 7.1 | 8.0 | 7.8 | 7.9 | 7.6 | 7.6 | 7.4 |
| **13** | 9.1 | 8.6 | 9.5 | 8.7 | 7.8 | 7.7 | 7.9 | 7.8 | 8.4 | 7.6 | 7.5 | 7.4 |
| **14** | 8.6 | 8.3 | 8.8 | 7.3 | 7.7 | 7.7 | 8.6 | 7.9 | 7.9 | 7.6 | 7.5 | 7.4 |
| **15** | 8.5 | 8.1 | 8.2 | 7.8 | 7.8 | 7.6 | 8.4 | 8.0 | 8.0 | 7.6 | 7.6 | 7.4 |
| **16** | 9.0 | 8.0 | 8.6 | 8.0 | 7.9 | 7.8 | 8.4 | 7.9 | 7.8 | 7.6 | 7.7 | 7.5 |
| **17** | 9.0 | 8.4 | 8.8 | 8.3 | 7.9 | 7.8 | 8.1 | 8.0 | 7.7 | 7.5 | 7.7 | 7.6 |
| **18** | 8.6 | 8.2 | 9.2 | 8.2 | 8.5 | 7.9 | 8.1 | 7.8 | 7.7 | 7.6 | 7.8 | 7.6 |
| **19** | 9.3 | 8.1 | 9.4 | 8.8 | 8.6 | 7.8 | 8.0 | 7.8 | 7.6 | 7.4 | 7.7 | 7.6 |
| **20** | 9.1 | 8.0 | 9.0 | 8.7 | 8.0 | 7.7 | 8.1 | 8.0 | 7.4 | 7.3 | 8.1 | 7.7 |
| **21** | 8.9 | 8.6 | 8.9 | 7.9 | 8.0 | 7.8 | 8.2 | 7.9 | 7.4 | 7.0 | 8.0 | 7.7 |
| **22** | 8.7 | 8.2 | 8.0 | 7.9 | 8.0 | 7.9 | 8.6 | 8.0 | 7.0 | 7.0 | 9.1 | 7.7 |
| **23** | 8.4 | 7.9 | 7.9 | 7.8 | 8.5 | 7.9 | 8.1 | 8.0 | 7.0 | 6.9 | 8.9 | 7.8 |
| **24** | 8.4 | 8.0 | 7.9 | 7.7 | 8.7 | 8.0 | 8.1 | 8.0 | 7.0 | 7.0 | 8.9 | 7.6 |
| **25** | 8.6 | 8.2 | 7.8 | 7.7 | 8.8 | 8.3 | 8.0 | 7.8 | 7.0 | 7.0 | 8.2 | 7.8 |
| **26** | 9.1 | 8.3 | 7.8 | 7.7 | 8.5 | 8.0 | 8.5 | 7.8 | 7.1 | 6.9 | 7.9 | 7.7 |
| **27** | 8.9 | 8.6 | 7.9 | 7.7 | 8.0 | 7.9 | 8.7 | 8.0 | 7.6 | 7.0 | 7.9 | 7.7 |
| **28** | 8.9 | 8.5 | 7.8 | 7.6 | 8.0 | 7.8 | 8.2 | 7.8 | 7.3 | 7.3 | 8.2 | 7.8 |
| **29** | 8.9 | 8.3 | 9.0 | 7.7 | 8.0 | 7.8 | 7.9 | 7.7 | 7.3 | 7.3 | 8.4 | 7.8 |
| **30** | 9.2 | 8.4 | 9.3 | 8.3 | 8.4 | 7.9 | 7.7 | 7.5 | --- | --- | 8.1 | 7.8 |
| **31** | 9.4 | 8.8 | --- | --- | 8.0 | 7.8 | 7.8 | 7.7 | --- | --- | 7.8 | 7.6 |
| **Month** | 9.4 | 7.6 | 9.8 | 7.3 | 8.9 | 7.1 | 8.7 | 7.5 | 9.1 | 6.9 | 9.1 | 7.3 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 8.5 | 7.5 | 8.8 | 8.4 | 9.2 | 8.8 | 9.3 | 8.7 | 8.9 | 8.2 | 9.0 | 8.2 |
| **2** | 8.2 | 7.6 | 8.8 | 8.3 | 9.0 | 8.7 | 9.4 | 8.9 | 8.9 | 7.8 | 8.6 | 8.1 |
| **3** | 8.0 | 7.7 | 8.8 | 8.3 | 8.9 | 8.0 | 9.5 | 8.6 | --- | --- | 8.8 | 8.3 |
| **4** | 7.7 | 7.5 | 9.0 | 8.4 | 8.3 | 8.0 | 9.3 | 8.5 | --- | --- | 9.3 | 8.4 |
| **5** | 7.7 | 7.5 | 8.9 | 8.2 | 8.1 | 7.8 | 9.4 | 8.2 | --- | --- | 9.5 | 8.4 |
| **6** | 8.9 | 7.6 | 8.2 | 8.0 | 8.2 | 7.8 | 9.5 | 7.9 | --- | --- | 9.5 | 8.8 |
| **7** | 8.7 | 7.8 | 8.2 | 7.9 | 8.5 | 7.9 | 9.5 | 8.8 | --- | --- | 9.7 | 9.0 |
| **8** | 8.4 | 7.8 | 8.7 | 7.8 | 8.6 | 8.2 | 9.4 | 7.9 | --- | --- | --- | --- |
| **9** | 8.1 | 7.7 | 8.6 | 7.7 | 8.7 | 8.1 | 9.6 | 8.6 | --- | --- | --- | --- |
| **10** | 7.7 | 7.6 | 8.5 | 8.0 | 8.7 | 8.1 | 8.6 | 7.8 | --- | --- | --- | --- |
| **11** | 7.6 | 7.5 | 8.3 | 7.9 | 8.6 | 7.9 | 8.3 | 7.1 | --- | --- | --- | --- |
| **12** | 7.7 | 7.6 | 8.4 | 7.9 | 8.6 | 8.0 | 8.6 | 7.0 | --- | --- | --- | --- |
| **13** | 7.9 | 7.6 | 8.1 | 7.8 | 8.5 | 7.9 | --- | --- | --- | --- | --- | --- |
| **14** | 8.0 | 7.7 | 7.8 | 7.6 | 8.7 | 7.9 | --- | --- | --- | --- | --- | --- |
| **15** | 8.5 | 7.8 | 7.6 | 7.4 | 9.1 | 8.0 | --- | --- | 9.4 | 9.1 | --- | --- |
| **16** | 8.6 | 8.1 | 8.8 | 7.5 | 9.0 | 8.2 | 9.7 | 8.5 | 9.2 | 8.7 | --- | --- |
| **17** | 8.3 | 8.0 | 9.6 | 8.8 | 9.2 | 7.8 | 9.7 | 8.6 | 9.3 | 8.4 | 6.6 | 6.6 |
| **18** | 8.4 | 8.0 | 9.0 | 8.4 | 9.3 | 8.9 | 9.6 | 8.1 | 9.4 | 8.6 | 6.6 | 6.4 |
| **19** | 8.8 | 8.0 | 8.5 | 8.1 | 9.3 | 9.1 | 9.5 | 8.2 | 8.8 | --- | 6.8 | 6.4 |
| **20** | 8.8 | 8.0 | 9.1 | 8.1 | 9.2 | 8.9 | 9.3 | 8.0 | 9.0 | --- | 7.0 | 6.6 |
| **21** | 8.8 | 8.4 | 9.1 | 8.5 | 9.1 | 8.6 | 9.4 | 7.8 | 9.0 | 8.2 | 7.0 | 6.7 |
| **22** | 9.1 | 8.6 | 9.0 | 8.5 | 9.3 | 8.3 | 9.1 | 8.0 | 9.0 | 8.2 | 7.2 | 6.6 |
| **23** | 9.0 | 8.6 | 8.8 | 8.4 | 9.2 | 8.6 | 9.0 | 8.7 | 9.6 | 8.7 | 7.4 | 6.7 |
| **24** | 8.9 | 8.3 | 9.0 | 8.5 | 8.9 | 8.1 | 8.8 | 8.2 | 9.6 | 9.1 | 7.1 | 7.0 |
| **25** | 8.5 | 8.1 | 9.1 | 8.6 | 8.5 | 7.8 | 8.9 | 8.0 | 9.6 | 7.1 | 7.3 | 7.0 |
| **26** | 8.7 | 8.1 | 9.0 | 8.7 | 8.4 | 7.7 | 9.0 | 7.0 | --- | --- | 7.4 | 7.1 |
| **27** | 8.7 | 8.1 | 8.8 | 8.4 | --- | --- | 9.1 | 7.4 | --- | --- | 8.0 | 7.2 |
| **28** | 8.8 | 8.0 | 9.3 | 8.4 | --- | --- | 8.8 | 6.7 | 9.8 | 9.2 | 7.9 | 7.1 |
| **29** | 8.9 | 8.3 | 9.2 | 8.6 | 9.0 | 8.0 | 6.9 | 6.8 | 9.9 | 9.3 | 7.2 | 6.9 |
| **30** | 8.9 | 8.7 | 9.1 | 8.7 | 9.2 | 8.0 | 7.0 | 6.7 | 9.8 | 9.4 | 7.0 | 6.8 |
| **31** | --- | --- | 9.2 | 8.8 | --- | --- | 8.2 | 6.8 | 9.4 | 9.0 | --- | --- |
| **Month** | 9.1 | 7.5 | 9.6 | 7.4 | --- | --- | --- | --- | --- | --- | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 9.4 | 7.5 | 8.2 | 6.3 | 6.0 | 6.2 | --- | --- | --- | 10.2 | 9.5 | 9.8 |
| **2** | 9.5 | 7.6 | 8.6 | 7.5 | 6.3 | 7.0 | --- | --- | --- | 10.6 | 9.5 | 10 |
| **3** | 9.6 | 7.6 | 8.7 | 8.1 | 7.3 | 7.6 | --- | --- | --- | 10.1 | 9.4 | 9.7 |
| **4** | 10.3 | 7.7 | 9.0 | 7.7 | 7.3 | 7.5 | --- | --- | --- | 9.7 | 9.0 | 9.3 |
| **5** | 11.2 | 8.0 | 9.4 | 7.7 | 7.3 | 7.5 | --- | --- | --- | 10.1 | 9.4 | 9.7 |
| **6** | 11.6 | 8.0 | 9.8 | 7.8 | 7.2 | 7.4 | --- | --- | --- | 10.2 | 9.6 | 9.8 |
| **7** | --- | --- | --- | 8.0 | 7.0 | 7.5 | --- | --- | --- | 9.7 | 9.1 | 9.4 |
| **8** | --- | --- | --- | 7.3 | 6.6 | 6.9 | --- | --- | --- | 9.5 | 8.7 | 9.1 |
| **9** | --- | --- | --- | 7.4 | 6.9 | 7.1 | --- | --- | --- | 9.2 | 8.7 | 9.0 |
| **10** | --- | --- | --- | 7.4 | 6.9 | 7.2 | --- | --- | --- | 9.0 | 8.6 | 8.9 |
| **11** | --- | --- | --- | 7.7 | 6.9 | 7.4 | --- | --- | --- | 9.3 | 9.0 | 9.1 |
| **12** | --- | --- | --- | 8.1 | 7.5 | 7.8 | --- | --- | --- | 9.4 | 9.2 | 9.3 |
| **13** | 8.7 | 6.2 | 7.2 | 10.0 | 7.5 | 8.5 | 10.6 | 9.7 | 10.0 | 9.6 | 9.3 | 9.4 |
| **14** | 9.8 | 6.9 | 8.0 | 8.7 | 6.7 | 7.7 | 10.9 | 10.0 | 10.4 | 9.6 | 9.2 | 9.4 |
| **15** | 9.3 | 8.0 | 8.6 | 8.3 | 7.2 | 7.7 | 10.6 | 9.9 | 10.2 | 9.3 | 8.8 | 9.1 |
| **16** | 8.2 | 7.2 | 7.6 | 8.4 | 7.7 | 8.1 | 10.4 | 9.8 | 10.1 | 9.7 | 9.0 | 9.4 |
| **17** | 10.2 | 6.1 | 7.7 | 7.8 | 6.2 | 6.6 | 10.5 | 9.3 | 9.9 | 9.7 | 9.0 | 9.4 |
| **18** | 6.5 | 4.3 | 5.3 | 6.4 | 5.6 | 6.0 | 9.8 | 8.6 | 9.4 | 9.8 | 9.3 | 9.6 |
| **19** | 5.3 | 4.6 | 4.9 | 5.9 | 5.4 | 5.6 | --- | --- | --- | 10.1 | 9.8 | 10.0 |
| **20** | 6.0 | 4.5 | 5.2 | 6.7 | 5.7 | 6.4 | --- | --- | --- | 10.7 | 10.0 | 10.4 |
| **21** | 5.6 | 4.9 | 5.2 | 8.3 | 6.5 | 7.8 | --- | --- | --- | 10.8 | 10.2 | 10.4 |
| **22** | 5.9 | 4.7 | 5.3 | 9.4 | 8.0 | 8.7 | --- | --- | --- | 10.8 | 10.4 | 10.7 |
| **23** | 6.5 | 5.8 | 6.0 | 10.6 | 8.6 | 9.8 | --- | --- | --- | 10.7 | 9.0 | 10.2 |
| **24** | 6.4 | 5.3 | 5.9 | 10.4 | 9.4 | 9.9 | --- | --- | --- | 10.6 | 8.3 | 9.7 |
| **25** | 6.4 | 6.0 | 6.1 | 10.8 | 9.8 | 10.4 | --- | --- | --- | 11.4 | 8.9 | 10.5 |
| **26** | 6.6 | 6.2 | 6.4 | 10.7 | 10.1 | 10.4 | --- | --- | --- | 11.4 | 11.0 | 11.2 |
| **27** | 6.6 | 6.3 | 6.4 | --- | --- | --- | 10.5 | 10.2 | 10.4 | 11.3 | 11.0 | 11.2 |
| **28** | 7.2 | 6.1 | 6.6 | --- | --- | --- | 10.6 | 10.2 | 10.4 | 11.2 | 11.0 | 11.1 |
| **29** | 6.5 | 6.1 | 6.3 | --- | --- | --- | 10.9 | 10.3 | 10.6 | 11.2 | 10.9 | 11.0 |
| **30** | 6.6 | 6.0 | 6.3 | --- | --- | --- | 10.6 | 10.1 | 10.4 | 11.2 | 11.0 | 11.1 |
| **31** | 6.4 | 6.0 | 6.2 | --- | --- | --- | 10.2 | 9.8 | 10.0 | 11.0 | 10.8 | 10.9 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.4 | 8.3 | 9.9 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.0 | 10.8 | 10.9 | 10.2 | 9.7 | 9.9 | 7.9 | 6.5 | 7.1 | 7.8 | 7.2 | 7.6 |
| **2** | 10.9 | 10.8 | 10.8 | 9.9 | 9.6 | 9.7 | 7.5 | 6.3 | 6.9 | 7.7 | 7.1 | 7.3 |
| **3** | 11.0 | 10.7 | 10.9 | 10.0 | 9.6 | 9.9 | 7.1 | 4.7 | 6.2 | 7.6 | 7.1 | 7.4 |
| **4** | 11.5 | 10.9 | 11.1 | 10.3 | 9.6 | 9.9 | 5.7 | 4.2 | 5.3 | 8.6 | 6.9 | 7.6 |
| **5** | 11.5 | 11.0 | 11.2 | 10.5 | 9.8 | 10.1 | --- | --- | --- | 7.4 | 7.0 | 7.2 |
| **6** | 11.5 | 10.9 | 11.2 | 10.5 | 10.0 | 10.2 | 7.3 | 6.2 | 6.8 | 7.0 | 6.5 | 6.8 |
| **7** | 11.7 | 10.7 | 11.2 | 10.9 | 9.6 | 10.1 | 7.1 | 6.4 | 6.8 | 7.1 | 6.2 | 6.7 |
| **8** | 11.8 | 10.8 | 11.4 | 10.4 | 9.6 | 9.9 | 7.6 | 6.5 | 7.2 | 7.1 | 6.2 | 6.7 |
| **9** | 11.5 | 11.0 | 11.1 | 10.2 | 9.4 | 9.8 | 7.6 | 7.0 | 7.3 | 8.0 | 6.1 | 7.2 |
| **10** | 11.2 | 10.9 | 11.0 | 10.1 | 9.3 | 9.7 | 7.8 | 6.6 | 7.3 | 7.5 | 5.8 | 6.7 |
| **11** | 11.2 | 10.9 | 11.0 | 9.8 | 9.0 | 9.5 | 7.7 | 6.6 | 7.1 | 9.7 | 6.2 | 7.3 |
| **12** | 11.4 | 10.9 | 11.1 | 9.9 | 9.6 | 9.7 | 7.7 | 6.3 | 7.2 | 11.5 | 6.1 | 8.1 |
| **13** | 11.4 | 11.1 | 11.1 | 9.8 | 9.6 | 9.7 | 7.7 | 6.7 | 7.4 | 10.6 | 5.4 | 7.5 |
| **14** | 11.3 | 10.9 | 11.1 | 9.8 | 8.9 | 9.5 | 7.7 | 6.3 | 7.2 | 10.8 | 5.9 | 7.7 |
| **15** | 11.5 | 11.1 | 11.3 | 10.8 | 9.2 | 9.8 | 7.8 | 6.6 | 7.1 | 10.7 | 5.7 | 7.6 |
| **16** | 11.6 | 11.3 | 11.4 | 10.0 | 9.1 | 9.3 | 7.7 | 6.3 | 7.0 | 6.1 | 5.2 | 5.7 |
| **17** | 11.8 | 11.2 | 11.5 | 9.2 | 8.6 | 8.9 | 7.7 | 6.9 | 7.4 | 6.5 | 4.2 | 5.3 |
| **18** | 11.7 | 11.5 | 11.6 | 8.8 | 7.9 | 8.2 | 7.7 | 7.0 | 7.4 | 9.3 | 5.4 | 6.7 |
| **19** | 11.7 | 11.5 | 11.6 | 8.2 | 8.0 | 8.0 | --- | --- | --- | 9.5 | 6.8 | 7.9 |
| **20** | 11.6 | 11.2 | 11.4 | 8.1 | 7.8 | 8.0 | --- | --- | --- | 8.6 | 6.3 | 7.2 |
| **21** | 11.2 | 10.6 | 11.0 | 8.1 | 7.9 | 8.0 | --- | --- | --- | 8.4 | 6.2 | 6.9 |
| **22** | 11.0 | 10.6 | 10.8 | 7.9 | 7.5 | 7.7 | --- | --- | --- | 7.4 | 6.0 | 6.6 |
| **23** | 11.0 | 10.6 | 10.9 | 7.7 | 7.5 | 7.6 | --- | --- | --- | 7.4 | 6.5 | 6.8 |
| **24** | 11.0 | 10.3 | 10.6 | 7.6 | 7.2 | 7.4 | 7.9 | 7.6 | 7.8 | 7.4 | 6.3 | 6.6 |
| **25** | 10.6 | 10.0 | 10.4 | 7.2 | 6.5 | 6.8 | 7.9 | 7.5 | 7.7 | 7.4 | 6.7 | 7.0 |
| **26** | 10.4 | 10.0 | 10.2 | 6.5 | 6.1 | 6.3 | 8.0 | 7.2 | 7.6 | 7.2 | 7.0 | 7.1 |
| **27** | 10.4 | 10.0 | 10.2 | 6.2 | 5.8 | 5.9 | 8.1 | 7.4 | 7.7 | 8.2 | 6.8 | 7.3 |
| **28** | 10.3 | 10.1 | 10.2 | 5.9 | 5.1 | 5.5 | 11.6 | 7.5 | 8.5 | 8.4 | 6.9 | 7.2 |
| **29** | --- | --- | --- | --- | --- | --- | 10.2 | 8.4 | 9.2 | 9.6 | 7.1 | 8.2 |
| **30** | --- | --- | --- | 7.5 | 6.8 | 7.2 | 9.5 | 7.8 | 8.3 | 11.1 | 7.6 | 8.9 |
| **31** | --- | --- | --- | 7.5 | 6.9 | 7.2 | --- | --- | --- | 12.6 | 7.6 | 9.6 |
| **Month** | 11.8 | 10.0 | 11.0 | --- | --- | --- | --- | --- | --- | 12.6 | 4.2 | 7.2 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 10.2 | 8.9 | 9.3 | 9.2 | 7.4 | 8.3 | 8.0 | 2.4 | 6.5 | 8.4 | 5.8 | 6.8 |
| **2** | 12.5 | 8.4 | 9.9 | 7.6 | 5.9 | 6.7 | 9.5 | 5.8 | 7.3 | 9.0 | 6.2 | 7.5 |
| **3** | 9.5 | 7.8 | 8.7 | 7.8 | 5.2 | 6.7 | 10.4 | 7.5 | 8.6 | 8.8 | 5.0 | 7.2 |
| **4** | 12.4 | 6.0 | 8.3 | 6.8 | 6.4 | 6.6 | 9.2 | 6.8 | 7.6 | 9.4 | 5.3 | 7.0 |
| **5** | 11.3 | 6.3 | 8.2 | 9.3 | 5.9 | 7.2 | 7.2 | 4.0 | 6.1 | 7.3 | 5.9 | 6.7 |
| **6** | 7.1 | 5.0 | 6.3 | 7.6 | 5.2 | 5.8 | 6.9 | 5.6 | 6.0 | 8.2 | 5.9 | 7.0 |
| **7** | 7.1 | 5.3 | 5.7 | 9.4 | 5.0 | 6.5 | 6.7 | 3.6 | 5.5 | 10.8 | 6.1 | 7.6 |
| **8** | 5.8 | 4.9 | 5.3 | 7.3 | 5.6 | 6.3 | 9.4 | 4.1 | 6.4 | 11.0 | 7.3 | 8.9 |
| **9** | 8.0 | 5.1 | 6.3 | 7.5 | 6.3 | 6.8 | 10.7 | 5.5 | 8.1 | 11.9 | 7.7 | 9.3 |
| **10** | 12.7 | 5.8 | 8.1 | 7.2 | 5.6 | 6.6 | 10.5 | 4.7 | 8.1 | 11.9 | 4.7 | 8.5 |
| **11** | 12.4 | 6.9 | 8.9 | 12.0 | 6.0 | 8.0 | 9.5 | 3.7 | 7.5 | 11.1 | 7.5 | 9.5 |
| **12** | 12.6 | 6.4 | 9.1 | 10.3 | 3.9 | 7.0 | 8.3 | 6.5 | 7.4 | 7.5 | 5.3 | 6.5 |
| **13** | 9.0 | 5.2 | 7.1 | 7.2 | 3.4 | 6.1 | 8.9 | 5.6 | 7.3 | 9.4 | 4.8 | 7.0 |
| **14** | 8.8 | 5.9 | 6.8 | 10.5 | 6.6 | 7.7 | 9.2 | 6.2 | 7.7 | 10.3 | 5.4 | 8.1 |
| **15** | 7.5 | 5.2 | 5.9 | 7.2 | 5.3 | 6.3 | 7.9 | 6.3 | 7.0 | 10.1 | 6.3 | 7.8 |
| **16** | 6.7 | 5.8 | 6.2 | 8.3 | 5.1 | 6.7 | 6.3 | 5.3 | 5.7 | 9.1 | 4.7 | 6.5 |
| **17** | 7.9 | 5.8 | 6.1 | 9.2 | 5.0 | 6.5 | 6.0 | 4.8 | 5.3 | 7.5 | 5.6 | 6.5 |
| **18** | 6.8 | 5.4 | 6.0 | 8.1 | 5.8 | 6.8 | 8.3 | 5.3 | 6.6 | 7.2 | 3.2 | 5.1 |
| **19** | 6.7 | 5.7 | 6.1 | 8.6 | 6.6 | 7.5 | 7.7 | 6.0 | 6.8 | 9.0 | 5.1 | 7.6 |
| **20** | 8.8 | 6.0 | 7.1 | 8.0 | 6.5 | 7.3 | 8.3 | 6.6 | 7.6 | 10.6 | 7.2 | 8.5 |
| **21** | 9.4 | 4.6 | 7.7 | 9.1 | 6.4 | 7.7 | 8.3 | 6.3 | 7.7 | 11.5 | 6.8 | 9.3 |
| **22** | 10.8 | 6.1 | 7.9 | 10.2 | 7.2 | 8.5 | 8.2 | 6.9 | 7.7 | 11.3 | 6.6 | 8.9 |
| **23** | 8.0 | 2.9 | 6.2 | 10.0 | 7.1 | 8.4 | 7.8 | 6.8 | 7.4 | 11.9 | 6.6 | 8.8 |
| **24** | 6.3 | 2.9 | 5.3 | 10.4 | 7.1 | 8.4 | 8.9 | 5.7 | 7.2 | 9.6 | 6.6 | 8.1 |
| **25** | 7.3 | 5.2 | 6.3 | 8.9 | 7.5 | 8.2 | 8.0 | 5.0 | 6.7 | 8.8 | 5.9 | 7.2 |
| **26** | 6.6 | 5.6 | 6.2 | 8.1 | 6.9 | 7.6 | 9.5 | 3.5 | 6.3 | 8.5 | 3.0 | 6.6 |
| **27** | 7.2 | 5.6 | 6.5 | 7.3 | 6.1 | 6.6 | 9.9 | 4.9 | 7.3 | 7.2 | 5.0 | 6.2 |
| **28** | 8.1 | 6.3 | 7.2 | 7.8 | 6.3 | 6.9 | 9.4 | 3.5 | 7.2 | 7.0 | 4.8 | 6.0 |
| **29** | 9.0 | 7.4 | 8.1 | 8.6 | 6.2 | 7.1 | 7.6 | 4.8 | 6.5 | 7.2 | 4.6 | 6.1 |
| **30** | 9.8 | 7.4 | 8.5 | 9.9 | 6.5 | 7.7 | 10.7 | 4.3 | 6.9 | 6.4 | 3.5 | 4.8 |
| **31** | --- | --- | --- | 10.3 | 6.5 | 8.0 | 8.7 | 4.8 | 6.5 | --- | --- | --- |
| **Month** | 12.7 | 2.9 | 7.2 | 12.0 | 3.4 | 7.2 | 10.7 | 2.4 | 7.0 | 11.9 | 3.0 | 7.4 |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 7.8 | 2.9 | 4.5 | 8.5 | 2.2 | 4.4 | 11.5 | 9.9 | 10.5 | 9.6 | 8.7 | 9.1 |
| **2** | 11.4 | 1.7 | 6.2 | 16.1 | 3.7 | 9.1 | 9.9 | 7.8 | 8.9 | 9.9 | 9.2 | 9.5 |
| **3** | 12.9 | 4.5 | 8.5 | 14.3 | 10.5 | 11.9 | 8.4 | 7.5 | 8.2 | 10.2 | 9.5 | 9.7 |
| **4** | 11.2 | 6.7 | 8.9 | 15.0 | 8.6 | 11.4 | 10.1 | 8.0 | 8.7 | 10.2 | 9.3 | 9.9 |
| **5** | 8.6 | 6.5 | 7.5 | 10.8 | 7.4 | 9.0 | 9.6 | 7.6 | 8.4 | 9.9 | 9.3 | 9.5 |
| **6** | 8.8 | 5.6 | 6.9 | 8.4 | 6.7 | 7.9 | 9.3 | 7.6 | 8.2 | 9.5 | 8.9 | 9.2 |
| **7** | 7.2 | 4.9 | 6.3 | 9.0 | 6.6 | 7.7 | 9.2 | 7.9 | 8.6 | 9.4 | 8.6 | 9.0 |
| **8** | 8.1 | 4.1 | 5.7 | 7.0 | 5.7 | 6.4 | 9.2 | 8.2 | 8.8 | 9.1 | 8.3 | 8.7 |
| **9** | 8.5 | 6.3 | 7.3 | 8.1 | 4.8 | 6.5 | 9.1 | 8.5 | 8.8 | 9.0 | 8.3 | 8.7 |
| **10** | 8.8 | 5.9 | 6.7 | 7.5 | 4.5 | 5.6 | 10.0 | 8.2 | 9.0 | 8.4 | 7.7 | 8.1 |
| **11** | 10.1 | 4.6 | 7.5 | 7.8 | 4.6 | 6.1 | 9.1 | 7.9 | 8.6 | 8.8 | 7.8 | 8.1 |
| **12** | 11.7 | 7.3 | 9.2 | 8.4 | 5.4 | 6.7 | 8.7 | 7.6 | 8.3 | 9.0 | 7.6 | 8.3 |
| **13** | 9.1 | 6.8 | 7.6 | 10.6 | 4.0 | 6.1 | 8.5 | 6.5 | 8.0 | 9.1 | 8.1 | 8.6 |
| **14** | 6.8 | 5.7 | 6.4 | 9.0 | 2.8 | 5.4 | 8.3 | 7.4 | 8.0 | 11.4 | 7.9 | 9.6 |
| **15** | 6.8 | 5.4 | 6.0 | 8.0 | 6.0 | 7.2 | 8.1 | 6.9 | 7.9 | 10.9 | 10.0 | 10.5 |
| **16** | 8.6 | 5.1 | 6.2 | 9.0 | 6.9 | 8.2 | 8.9 | 7.4 | 8.1 | 10.8 | 9.6 | 10.1 |
| **17** | 7.1 | 4.1 | 5.9 | 9.7 | 8.2 | 8.7 | 9.2 | 7.3 | 8.4 | 10.2 | 9.7 | 10 |
| **18** | 8.2 | 3.0 | 4.5 | 12.4 | 7.7 | 9.6 | 10.6 | 7.7 | 9.1 | 10.2 | 9.7 | 10 |
| **19** | 11.8 | 3.0 | 7.1 | 12.6 | 8.2 | 10.0 | 10.4 | 7.2 | 8.8 | 10.6 | 9.8 | 10.2 |
| **20** | 10.1 | 5.3 | 8.8 | 10.9 | 8.1 | 9.1 | 8.9 | 6.9 | 8.4 | 10.9 | 10.3 | 10.6 |
| **21** | 9.2 | 8.1 | 8.5 | 8.6 | 5.8 | 7.4 | 9.1 | 6.6 | 7.8 | 11.1 | 10.5 | 10.7 |
| **22** | 8.1 | 7.2 | 7.7 | 7.8 | 6.6 | 7.2 | 9.0 | 7.7 | 8.5 | 12.1 | 10.5 | 11.2 |
| **23** | 8.1 | 6.0 | 7.4 | 7.8 | 5.9 | 6.8 | 9.5 | 8.3 | 8.8 | 11.0 | 10.8 | 10.9 |
| **24** | 8.4 | 6.5 | 7.8 | 7.7 | 6.6 | 7.1 | 10.1 | 8.2 | 9.1 | 11.0 | 10.7 | 10.9 |
| **25** | 9.3 | 6.8 | 8.1 | 6.7 | 5.9 | 6.2 | 10.4 | 8.7 | 9.9 | 11.1 | 10.6 | 10.8 |
| **26** | 10.4 | 6.9 | 8.4 | 7.2 | 5.9 | 6.4 | 10.0 | 8.5 | 9.4 | 12.2 | 10.4 | 11.2 |
| **27** | 10.0 | 6.9 | 8.4 | 7.6 | 6.2 | 6.8 | 9.6 | 8.4 | 9.1 | 12.9 | 11.0 | 11.8 |
| **28** | 9.6 | 7.2 | 8.5 | 7.4 | 6.2 | 6.7 | 9.5 | 8.2 | 8.9 | 12.0 | 9.8 | 11.3 |
| **29** | 9.3 | 5.3 | 7.2 | 12.5 | 6.1 | 9.3 | 9.4 | 8.2 | 8.7 | 11.0 | 10.3 | 10.7 |
| **30** | 9.0 | 4.2 | 6.2 | 14.7 | 10.0 | 12.1 | 10.1 | 8.1 | 8.6 | 10.9 | 9.7 | 10.5 |
| **31** | 5.2 | 2.5 | 4.0 | --- | --- | --- | 9.2 | 7.9 | 8.6 | 10.9 | 9.8 | 10.4 |
| **Month** | 12.9 | 1.7 | 7.1 | 16.1 | 2.2 | 7.8 | 11.5 | 6.5 | 8.7 | 12.9 | 7.6 | 9.9 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.7 | 9.6 | 10.2 | 9.6 | 7.7 | 8.2 | 10.0 | 7.0 | 8.4 | 9.2 | 8.0 | 8.8 |
| **2** | 10.8 | 9.6 | 9.9 | 8.2 | 7.8 | 8.1 | 9.2 | 7.1 | 8.3 | 10.3 | 7.9 | 8.8 |
| **3** | 9.9 | 9.1 | 9.5 | 8.2 | 7.6 | 8.1 | 8.8 | 7.8 | 8.3 | 9.6 | 8.2 | 8.9 |
| **4** | 9.9 | 8.9 | 9.4 | 8.5 | 7.5 | 7.9 | 8.2 | 7.3 | 7.7 | 11.8 | 7.8 | 9.5 |
| **5** | 9.5 | 8.5 | 9.0 | 8.4 | 7.4 | 8.1 | 8.2 | 7.2 | 7.6 | 9.7 | 6.2 | 7.9 |
| **6** | 9.3 | 8.6 | 8.9 | 8.4 | 7.7 | 8.1 | 12.0 | 7.7 | 9.3 | --- | --- | --- |
| **7** | 9.9 | 7.8 | 9.1 | 8.8 | 7.5 | 8.1 | 10.8 | 8.1 | 9.6 | --- | --- | --- |
| **8** | 10.0 | 9.5 | 9.8 | 8.9 | 7.8 | 8.3 | 9.4 | 8.1 | 8.7 | --- | --- | --- |
| **9** | 12.9 | 9.5 | 10.8 | 8.9 | 7.9 | 8.4 | 8.8 | 7.6 | 7.9 | 9.7 | 6.8 | 8.2 |
| **10** | 14.0 | 10.3 | 11.4 | 8.7 | 8.0 | 8.4 | 7.8 | 7.0 | 7.4 | 9.5 | 7.9 | 8.6 |
| **11** | 11.1 | 9.8 | 10.5 | 8.6 | 7.8 | 8.1 | 7.6 | 7.0 | 7.3 | 8.7 | 6.8 | 7.8 |
| **12** | 10.3 | 9.3 | 9.7 | 9.1 | 7.3 | 8.0 | 7.9 | 6.8 | 7.3 | 8.9 | 7.2 | 8.0 |
| **13** | 11.2 | 9.1 | 9.8 | 8.4 | 7.3 | 7.9 | 8.4 | 6.3 | 7.5 | 8.0 | 6.8 | 7.5 |
| **14** | 9.9 | 9.3 | 9.6 | 8.7 | 7.0 | 7.9 | 8.8 | 7.0 | 8.1 | 7.5 | 6.2 | 6.8 |
| **15** | 10.2 | 9.2 | 9.7 | 9.7 | 6.9 | 8.2 | 10.1 | 7.8 | 9.0 | 11.2 | 6.0 | 8.3 |
| **16** | 9.7 | 9.1 | 9.3 | 9.4 | 7.0 | 8.4 | 10.0 | 9.2 | 9.6 | 8.5 | 6.1 | 7.3 |
| **17** | 9.2 | 8.6 | 8.9 | 9.1 | 7.0 | 8.4 | 9.4 | 8.8 | 9.1 | 12.2 | 7.6 | 9.1 |
| **18** | 9.2 | 8.7 | 9.0 | 8.5 | 7.0 | 8.1 | 9.5 | 8.5 | 9.0 | 10.2 | 7.3 | 8.7 |
| **19** | 9.0 | 8.2 | 8.7 | 8.9 | 6.9 | 8.1 | 10.7 | 8.5 | 9.2 | 9.9 | 6.4 | 8.2 |
| **20** | 8.2 | 7.3 | 7.8 | 9.7 | 6.9 | 8.6 | 10.2 | 8.4 | 9.6 | 11.2 | 6.4 | 8.8 |
| **21** | 9.0 | 6.7 | 7.3 | 9.5 | 7.8 | 8.9 | 9.9 | 9.0 | 9.5 | 10.2 | 8.0 | 9.2 |
| **22** | 7.0 | 6.6 | 6.8 | 13.4 | 8.5 | 10.3 | 11.2 | 9.3 | 10.1 | 9.0 | 7.9 | 8.4 |
| **23** | 7.2 | 6.6 | 6.9 | 11.4 | 8.7 | 9.7 | 10.9 | 9.1 | 10.2 | 9.0 | 7.4 | 8.1 |
| **24** | 7.2 | 6.7 | 7.0 | 12.3 | 8.4 | 9.6 | 10.0 | 8.3 | 9.0 | 9.8 | 7.7 | 8.7 |
| **25** | 7.0 | 6.6 | 6.8 | 9.9 | 9.1 | 9.5 | 8.7 | 7.9 | 8.3 | 9.8 | 8.1 | 9.1 |
| **26** | 7.7 | 6.7 | 7.2 | 9.6 | 8.8 | 9.3 | 9.7 | 7.8 | 8.7 | 9.5 | 8.4 | 8.9 |
| **27** | 9.3 | 7.1 | 7.9 | 9.8 | 8.8 | 9.3 | 9.4 | 7.7 | 8.6 | 8.9 | 7.3 | 8.2 |
| **28** | 8.3 | 7.6 | 8.0 | 10.3 | 9.0 | 9.4 | 9.7 | 7.3 | 8.2 | 12.4 | 7.3 | 9.3 |
| **29** | 8.1 | 7.8 | 8.0 | 10.8 | 9.2 | 9.9 | 9.7 | 7.8 | 8.9 | 10.8 | 6.8 | 8.4 |
| **30** | --- | --- | --- | 10.3 | 9.4 | 9.7 | 9.7 | 9.1 | 9.4 | 8.5 | 7.1 | 7.7 |
| **31** | --- | --- | --- | 9.6 | 8.5 | 9.1 | --- | --- | --- | 9.0 | 6.9 | 8.1 |
| **Month** | 14.0 | 6.6 | 8.9 | 13.4 | 6.9 | 8.6 | 12.0 | 6.3 | 8.7 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.5 | 7.1 | 7.6 | 12.0 | 7.8 | 9.7 | 9.0 | 5.3 | 6.9 | 8.3 | 5.4 | 6.8 |
| **2** | 8.0 | 6.7 | 7.5 | 11.4 | 8.6 | 10.1 | 9.9 | 5.3 | 7.4 | 7.1 | 4.3 | 5.8 |
| **3** | 7.4 | 5.5 | 6.6 | --- | --- | --- | 7.9 | 6.7 | 7.5 | 7.9 | 4.5 | 6.4 |
| **4** | 7.7 | 6.2 | 6.8 | --- | --- | --- | --- | --- | --- | 10.1 | 5.6 | 7.8 |
| **5** | 7.7 | 6.6 | 7.1 | --- | --- | --- | --- | --- | --- | 11.8 | 7.0 | 9.5 |
| **6** | 8.2 | 6.9 | 7.5 | --- | --- | --- | --- | --- | --- | 13.7 | 8.4 | 10.9 |
| **7** | 8.9 | 7.3 | 8.0 | --- | --- | --- | --- | --- | --- | 12.4 | 9.1 | 10.9 |
| **8** | 8.9 | 7.9 | 8.4 | --- | --- | --- | --- | --- | --- | --- | 8.4 | --- |
| **9** | 8.9 | 7.2 | 8.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 8.8 | 7.2 | 7.9 | 7.1 | 5.3 | 5.9 | --- | --- | --- | --- | --- | --- |
| **11** | 8.7 | 6.7 | 7.8 | 7.0 | 4.8 | 6.1 | --- | --- | --- | --- | --- | --- |
| **12** | 8.4 | 7.1 | 7.9 | 7.3 | 5.1 | 6.3 | --- | --- | --- | --- | --- | --- |
| **13** | 8.6 | 6.6 | 7.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.3 | 7.0 | 8.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 11.5 | 6.3 | 8.9 | --- | --- | --- | 12.1 | 8.6 | 10.0 | --- | --- | --- |
| **16** | 11.1 | 6.0 | 8.7 | 13.9 | 7.4 | 9.8 | 9.8 | 6.7 | 8.3 | --- | --- | --- |
| **17** | 11.1 | 5.9 | 9.3 | 12.9 | 7.4 | 9.6 | 11.6 | 5.5 | 8.5 | 4.5 | 4.1 | 4.3 |
| **18** | 11.4 | 8.2 | 9.6 | 12.1 | 4.9 | 8.3 | 11.5 | --- | --- | 4.4 | 4.0 | 4.2 |
| **19** | 10.7 | 8.5 | 9.5 | 11.5 | 5.7 | 8.3 | --- | --- | --- | 5.0 | 3.7 | 4.2 |
| **20** | 9.5 | 7.4 | 8.4 | 12.0 | 6.1 | 8.2 | --- | --- | --- | 7.1 | 3.9 | 4.7 |
| **21** | 9.6 | 6.2 | 8.0 | 12.7 | 5.9 | 9.2 | 9.2 | 5.8 | 7.2 | 7.0 | 4.1 | 4.8 |
| **22** | 10.4 | 5.8 | 7.9 | 9.9 | --- | --- | 9.3 | 6.1 | 7.7 | 7.9 | 3.8 | 5.5 |
| **23** | 9.9 | 7.1 | 8.1 | 7.5 | 5.9 | 6.7 | 16.4 | 7.4 | 11.3 | 8.5 | 4.8 | 6.2 |
| **24** | 8.2 | 5.4 | 6.7 | 7.2 | 5.8 | 6.4 | 14.5 | 8.6 | 11.9 | 6.9 | 5.4 | 6.0 |
| **25** | 6.7 | 5.2 | 5.7 | 8.6 | 5.5 | 7.1 | 13.6 | 9.8 | 11.7 | 6.6 | 5.2 | 5.8 |
| **26** | 6.1 | 3.5 | 4.9 | 10.0 | 4.3 | 7.8 | --- | --- | --- | 7.4 | 5.6 | 6.1 |
| **27** | --- | --- | --- | 11.6 | 2.9 | 6.3 | --- | --- | --- | 10.0 | 5.8 | 7.7 |
| **28** | --- | --- | --- | 12.8 | 7.8 | 9.5 | 15.2 | 7.9 | 10.8 | 11.4 | 7.3 | 9.0 |
| **29** | 9.5 | 5.0 | 6.9 | 9.8 | 6.3 | 7.6 | 15.8 | 8.7 | 11.7 | 10.1 | 7.1 | 8.5 |
| **30** | 10.8 | 5.7 | 8.0 | 8.3 | 5.2 | 6.9 | 12.7 | 9.8 | 11.0 | 9.3 | 6.3 | 7.7 |
| **31** | --- | --- | --- | 7.8 | 5.1 | 6.1 | 10.7 | 7.8 | 9.0 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 8.2 | 5.1 | 6.3 | 65 | 59 | 62 | 57 | 52 | 54 | 43 | 41 | 42 |
| **2** | 7.2 | 5.0 | 6.0 | 69 | 64 | 67 | 56 | 51 | 53 | 43 | 39 | 41 |
| **3** | 7.4 | 5.0 | 6.3 | 72 | 59 | 63 | 57 | 48 | 53 | 41 | 35 | 38 |
| **4** | 6.9 | 4.8 | 6.1 | 62 | 57 | 59 | 59 | 52 | 55 | 42 | 37 | 39 |
| **5** | 10 | 5.6 | 6.3 | 58 | 54 | 56 | 55 | 50 | 53 | 45 | 37 | 40 |
| **6** | 9.6 | 5.5 | 7.3 | 60 | 53 | 56 | 56 | 52 | 54 | 41 | 37 | 39 |
| **7** | --- | --- | --- | 60 | 54 | 56 | 55 | 50 | 53 | 43 | 40 | 42 |
| **8** | --- | --- | --- | 63 | 52 | 57 | 56 | 50 | 53 | 49 | 40 | 43 |
| **9** | --- | --- | --- | 60 | 50 | 53 | 55 | 51 | 53 | 50 | 40 | 46 |
| **10** | --- | --- | --- | 58 | 50 | 52 | 53 | 49 | 51 | 48 | 45 | 46 |
| **11** | --- | --- | --- | 62 | 55 | 58 | 51 | 48 | 50 | 47 | 45 | 46 |
| **12** | --- | --- | --- | 58 | 54 | 56 | 51 | 46 | 48 | 46 | 43 | 44 |
| **13** | 25 | 19 | 23 | 59 | 50 | 53 | 48 | 44 | 46 | 47 | 43 | 45 |
| **14** | 28 | 22 | 25 | 61 | 50 | 53 | 46 | 43 | 44 | 46 | 42 | 43 |
| **15** | 48 | 26 | 35 | 61 | 53 | 58 | 44 | 42 | 43 | 50 | 44 | 48 |
| **16** | 65 | 47 | 55 | 59 | 49 | 54 | 44 | 42 | 43 | 48 | 45 | 47 |
| **17** | 200 | 62 | 140 | 50 | 46 | 48 | 44 | 41 | 42 | 58 | 47 | 52 |
| **18** | 210 | 160 | 180 | 48 | 44 | 46 | 42 | 40 | 41 | 140 | 51 | 100 |
| **19** | 180 | 120 | 160 | 48 | 45 | 46 | 41 | 38 | 40 | 150 | 130 | 140 |
| **20** | 170 | 100 | 130 | 51 | 46 | 49 | 42 | 37 | 39 | 140 | 100 | 120 |
| **21** | 110 | 75 | 91 | 51 | 47 | 48 | 42 | 39 | 41 | 130 | 80 | 99 |
| **22** | 86 | 68 | 73 | 52 | 47 | 49 | 43 | 40 | 41 | 91 | 69 | 80 |
| **23** | 78 | 58 | 66 | 51 | 46 | 48 | 43 | 39 | 42 | 77 | 56 | 68 |
| **24** | 67 | 53 | 58 | 49 | 45 | 47 | 45 | 38 | 42 | 74 | 48 | 57 |
| **25** | 60 | 53 | 56 | 48 | 45 | 46 | 42 | 39 | 41 | 70 | 44 | 60 |
| **26** | 57 | 46 | 52 | 48 | 45 | 46 | 41 | 38 | 39 | 62 | 57 | 61 |
| **27** | 55 | 47 | 48 | 48 | 46 | 47 | 41 | 38 | 40 | 60 | 55 | 58 |
| **28** | 120 | 47 | 84 | 52 | 46 | 49 | 42 | 37 | 40 | 63 | 58 | 61 |
| **29** | 120 | 86 | 100 | 51 | 46 | 49 | 42 | 36 | 39 | 62 | 58 | 60 |
| **30** | 92 | 78 | 84 | 59 | 49 | 54 | 42 | 39 | 40 | 62 | 57 | 59 |
| **31** | 83 | 60 | 67 | --- | --- | --- | 42 | 39 | 41 | 61 | 59 | 60 |
| **Month** | --- | --- | --- | 72 | 44 | 53 | 59 | 36 | 46 | 150 | 35 | 59 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 68 | 56 | 61 | 45 | 37 | 41 | 57 | 41 | 46 | 36 | 35 | 36 |
| **2** | 59 | 56 | 57 | 44 | 39 | 41 | 54 | 36 | 43 | 41 | 36 | 38 |
| **3** | 58 | 54 | 56 | 43 | 38 | 41 | 42 | 33 | 38 | 38 | 35 | 36 |
| **4** | 55 | 51 | 53 | 44 | 41 | 43 | 41 | 33 | 37 | 37 | 30 | 33 |
| **5** | 53 | 50 | 52 | 44 | 42 | 43 | 40 | 31 | 35 | 37 | 31 | 35 |
| **6** | 52 | 45 | 50 | 43 | 40 | 41 | 37 | 34 | 35 | 46 | 36 | 41 |
| **7** | 54 | 48 | 49 | 44 | 41 | 42 | 40 | 36 | 39 | 44 | 41 | 43 |
| **8** | 53 | 46 | 48 | 43 | 37 | 41 | 39 | 37 | 38 | 44 | 42 | 42 |
| **9** | 50 | 46 | 48 | 42 | 38 | 41 | 38 | 36 | 37 | 42 | 41 | 42 |
| **10** | 51 | 49 | 50 | 42 | 39 | 41 | 38 | 35 | 36 | 42 | 40 | 41 |
| **11** | 50 | 48 | 49 | 42 | 39 | 40 | 37 | 36 | 37 | 42 | 40 | 41 |
| **12** | 49 | 47 | 48 | 43 | 40 | 42 | 38 | 36 | 37 | 42 | 38 | 40 |
| **13** | 51 | 48 | 50 | 43 | 39 | 42 | 40 | 37 | 38 | 40 | 36 | 37 |
| **14** | 52 | 47 | 50 | 48 | 39 | 43 | 42 | 37 | 39 | 36 | 31 | 34 |
| **15** | 51 | 48 | 50 | 48 | 24 | 35 | 41 | 38 | 40 | 38 | 31 | 33 |
| **16** | 50 | 45 | 47 | 49 | 37 | 42 | 39 | 38 | 39 | 37 | 32 | 35 |
| **17** | 47 | 46 | 46 | 59 | 41 | 46 | 40 | 38 | 39 | 38 | 36 | 37 |
| **18** | 48 | 44 | 45 | 62 | 46 | 53 | 42 | 39 | 40 | 42 | 35 | 38 |
| **19** | 46 | 43 | 44 | 64 | 45 | 49 | --- | --- | --- | 40 | 32 | 34 |
| **20** | 45 | 41 | 43 | 47 | 44 | 45 | --- | --- | --- | 34 | 31 | 32 |
| **21** | 42 | 40 | 41 | 47 | 44 | 46 | --- | --- | --- | 34 | 30 | 31 |
| **22** | 41 | 38 | 40 | 47 | 41 | 44 | --- | --- | --- | 39 | 29 | 34 |
| **23** | 41 | 39 | 40 | 44 | 40 | 42 | --- | --- | --- | 44 | 29 | 35 |
| **24** | 44 | 38 | 41 | 44 | 41 | 42 | 40 | 37 | 38 | 42 | 30 | 34 |
| **25** | 43 | 39 | 41 | 43 | 40 | 42 | 41 | 38 | 39 | 51 | 30 | 33 |
| **26** | 41 | 39 | 40 | 47 | 40 | 43 | 41 | 39 | 40 | 48 | 32 | 35 |
| **27** | 39 | 36 | 38 | 45 | 42 | 43 | 39 | 38 | 38 | 43 | 34 | 38 |
| **28** | 39 | 35 | 37 | 46 | 42 | 44 | 38 | 37 | 38 | 61 | 33 | 43 |
| **29** | --- | --- | --- | 50 | 44 | 46 | 37 | 35 | 36 | 99 | 36 | 60 |
| **30** | --- | --- | --- | 54 | 45 | 48 | 36 | 35 | 35 | 68 | 36 | 46 |
| **31** | --- | --- | --- | 53 | 44 | 47 | --- | --- | --- | 42 | 29 | 32 |
| **Month** | 68 | 35 | 47 | 64 | 24 | 43 | --- | --- | --- | 99 | 29 | 38 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 31 | 25 | 29 | 52 | 23 | 31 | 24 | 14 | 16 | 10 | 4.9 | 6.5 |
| **2** | 27 | 22 | 25 | 56 | 18 | 27 | 27 | 13 | 19 | 11 | 6.6 | 9.7 |
| **3** | 29 | 22 | 26 | 38 | 16 | 22 | 21 | 8.3 | 13 | 12 | 5.5 | 6.9 |
| **4** | 32 | 24 | 27 | 20 | 17 | 18 | 9.5 | 8.1 | 8.8 | 11 | 5.8 | 7.4 |
| **5** | 24 | 20 | 23 | 18 | 15 | 16 | 10 | 8.1 | 8.8 | --- | --- | --- |
| **6** | 24 | 19 | 22 | 27 | 16 | 21 | 13 | 7.0 | 8.4 | --- | --- | --- |
| **7** | 28 | 19 | 23 | 30 | 26 | 28 | --- | --- | --- | --- | --- | --- |
| **8** | 29 | 23 | 26 | 31 | 26 | 28 | --- | --- | --- | --- | --- | --- |
| **9** | 26 | 21 | 24 | 30 | 26 | 28 | --- | --- | --- | --- | --- | --- |
| **10** | 23 | 20 | 21 | --- | --- | --- | --- | --- | --- | 9.1 | 4.4 | 5.7 |
| **11** | 22 | 18 | 20 | --- | --- | --- | 8.4 | 4.0 | 5.2 | 6.8 | 4.3 | 4.9 |
| **12** | 24 | 17 | 18 | --- | --- | --- | 6.5 | 3.6 | 4.7 | 11 | 6.5 | 8.2 |
| **13** | 39 | 16 | 28 | --- | --- | --- | 8.7 | 3.9 | 6.3 | 8.6 | 5.1 | 7.0 |
| **14** | 28 | 15 | 21 | 18 | 14 | 16 | 8.2 | 4.8 | 7.1 | 13 | 4.2 | 5.4 |
| **15** | 30 | 14 | 23 | 18 | 14 | 16 | --- | --- | --- | 12 | 7.3 | 9.7 |
| **16** | 26 | 14 | 16 | --- | --- | --- | --- | --- | --- | 13 | 6.8 | 10 |
| **17** | 20 | 15 | 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | 19 | 14 | 16 | 20 | 17 | 18 | --- | --- | --- | --- | --- | --- |
| **19** | 18 | 14 | 15 | 25 | 20 | 23 | --- | --- | --- | --- | --- | --- |
| **20** | 18 | 14 | 15 | 31 | 23 | 27 | --- | --- | --- | --- | --- | --- |
| **21** | 26 | 14 | 15 | 32 | 27 | 30 | --- | --- | --- | --- | --- | --- |
| **22** | 16 | 13 | 15 | 34 | 25 | 27 | 7.6 | 6.0 | 6.8 | 9.5 | 6.1 | 7.3 |
| **23** | 16 | 12 | 13 | 36 | 28 | 32 | 7.5 | 6.3 | 7.0 | 8.2 | 6.4 | 7.4 |
| **24** | 16 | 11 | 12 | 36 | 22 | 33 | 7.5 | 5.0 | 6.4 | 8.0 | 6.0 | 6.7 |
| **25** | 20 | 12 | 13 | 34 | 23 | 30 | --- | --- | --- | 6.8 | 5.5 | 5.9 |
| **26** | 18 | 12 | 15 | 26 | 18 | 21 | --- | --- | --- | 7.5 | 5.3 | 6.2 |
| **27** | 28 | 14 | 19 | 21 | 17 | 19 | --- | --- | --- | 5.6 | 4.6 | 5.0 |
| **28** | 28 | 16 | 18 | 20 | 18 | 19 | --- | --- | --- | 9.9 | 4.6 | 5.8 |
| **29** | 30 | 16 | 23 | 18 | 16 | 17 | 7.0 | 4.9 | 6.1 | 24 | 8.4 | 15 |
| **30** | 33 | 16 | 22 | 18 | 15 | 17 | 7.0 | 4.8 | 5.8 | 30 | 8.2 | 19 |
| **31** | --- | --- | --- | 18 | 15 | 16 | 6.7 | 4.6 | 5.1 | --- | --- | --- |
| **Month** | 39 | 11 | 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 22 | 6.8 | 12 | --- | --- | --- | 19 | 14 | 16 | 30 | 26 | 28 |
| **2** | 7.5 | 4.8 | 5.8 | --- | --- | --- | 21 | 14 | 16 | 29 | 26 | 27 |
| **3** | 9.1 | 3.8 | 5.8 | 9.8 | 5.2 | 7.2 | 29 | 18 | 24 | 28 | 26 | 26 |
| **4** | 5.6 | 3.8 | 4.5 | 11 | 6.1 | 7.9 | 24 | 20 | 22 | --- | --- | --- |
| **5** | 10 | 5.2 | 6.8 | 9.4 | 6.2 | 7.5 | 25 | 21 | 22 | 26 | 22 | 23 |
| **6** | 9.1 | 5.0 | 7.1 | 9.8 | 6.2 | 7.7 | 25 | 21 | 23 | 24 | 22 | 23 |
| **7** | 14 | 4.5 | 7.1 | 10 | 7.7 | 8.9 | 25 | 23 | 24 | 28 | 22 | 23 |
| **8** | 18 | 4.2 | 8.8 | 10 | 7.7 | 8.5 | 25 | 22 | 23 | 28 | 23 | 24 |
| **9** | 7.3 | 4.0 | 5.2 | 10 | 7.5 | 8.7 | 24 | 22 | 23 | 27 | 23 | 24 |
| **10** | 13 | 3.6 | 8.9 | --- | --- | --- | 24 | 22 | 23 | 28 | 23 | 25 |
| **11** | 9.8 | 2.7 | 7.1 | --- | --- | --- | 27 | 24 | 25 | 27 | 24 | 25 |
| **12** | 12 | 5.1 | 7.4 | --- | --- | --- | 30 | 14 | 24 | 28 | 24 | 25 |
| **13** | 12 | 5.6 | 8.5 | --- | --- | --- | 34 | 27 | 30 | 27 | 25 | 26 |
| **14** | 16 | 8.7 | 10 | --- | --- | --- | 30 | 27 | 28 | 28 | 21 | 24 |
| **15** | 17 | 8.5 | 11 | 13 | 7.3 | 9.2 | 39 | 28 | 31 | 23 | 20 | 21 |
| **16** | --- | --- | --- | 9.8 | 7.1 | 8.1 | 31 | 28 | 29 | 25 | 21 | 23 |
| **17** | --- | --- | --- | 9.4 | 5.7 | 6.7 | 29 | 27 | 28 | 27 | 24 | 25 |
| **18** | --- | --- | --- | 8.4 | 5.2 | 6.6 | 28 | 24 | 26 | 28 | 23 | 25 |
| **19** | --- | --- | --- | 7.4 | 5.1 | 6.0 | 28 | 24 | 25 | 26 | 23 | 25 |
| **20** | 24 | 10 | 17 | 6.0 | 5.2 | 5.6 | 28 | 25 | 26 | 30 | 23 | 26 |
| **21** | 21 | 14 | 18 | 16 | 5.2 | 7.6 | 33 | 27 | 28 | 26 | 22 | 24 |
| **22** | 19 | 14 | 17 | 16 | 9.3 | 13 | 39 | 28 | 32 | 23 | 21 | 22 |
| **23** | 21 | 14 | 18 | 18 | 12 | 14 | 35 | 29 | 30 | 24 | 22 | 23 |
| **24** | 22 | 16 | 18 | 24 | 16 | 20 | 37 | 28 | 30 | 28 | 21 | 24 |
| **25** | 21 | 17 | 19 | 23 | 12 | 19 | 38 | 28 | 32 | 32 | 22 | 27 |
| **26** | --- | --- | --- | 17 | 11 | 14 | 38 | 30 | 33 | 27 | 22 | 25 |
| **27** | --- | --- | --- | 23 | 13 | 18 | 36 | 29 | 32 | 30 | 19 | 23 |
| **28** | --- | --- | --- | 22 | 14 | 18 | 38 | 29 | 33 | 27 | 20 | 23 |
| **29** | --- | --- | --- | 22 | 12 | 16 | 39 | 28 | 32 | 25 | 22 | 23 |
| **30** | --- | --- | --- | 19 | 13 | 15 | 38 | 25 | 30 | 29 | 24 | 26 |
| **31** | --- | --- | --- | --- | --- | --- | 34 | 24 | 27 | 36 | 26 | 29 |
| **Month** | --- | --- | --- | --- | --- | --- | 39 | 14 | 27 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 34 | 24 | 29 | 44 | 42 | 43 | --- | --- | --- | 22 | 17 | 20 |
| **2** | 33 | 23 | 27 | 46 | 42 | 44 | 27 | 23 | 25 | 20 | 16 | 18 |
| **3** | 29 | 23 | 25 | 46 | 44 | 45 | 36 | 20 | 23 | 22 | 15 | 18 |
| **4** | 30 | 24 | 27 | 46 | 44 | 45 | 26 | 20 | 22 | 23 | 18 | 20 |
| **5** | 30 | 26 | 29 | 47 | 41 | 44 | 24 | 20 | 21 | --- | --- | --- |
| **6** | 34 | 27 | 30 | 45 | 43 | 44 | 22 | 18 | 19 | --- | --- | --- |
| **7** | --- | --- | --- | 54 | 44 | 46 | 19 | 17 | 18 | --- | --- | --- |
| **8** | 33 | 29 | 31 | 65 | 43 | 45 | 21 | 16 | 17 | --- | --- | --- |
| **9** | 32 | 26 | 29 | 64 | 43 | 46 | 19 | 16 | 18 | 18 | 13 | 16 |
| **10** | 31 | 26 | 29 | 53 | 44 | 46 | 20 | 18 | 19 | 20 | 14 | 17 |
| **11** | 31 | 28 | 30 | 48 | 45 | 46 | 21 | 18 | 20 | 25 | 18 | 22 |
| **12** | 31 | 27 | 29 | 58 | 47 | 49 | 30 | 20 | 24 | 28 | 23 | 25 |
| **13** | 32 | 28 | 30 | 59 | 44 | 52 | 29 | 20 | 26 | 29 | 24 | 26 |
| **14** | 33 | 27 | 29 | 68 | 54 | 61 | 28 | 17 | 21 | 30 | 22 | 25 |
| **15** | 32 | 27 | 29 | 82 | 56 | 71 | 23 | 16 | 19 | --- | --- | --- |
| **16** | 40 | 29 | 32 | 94 | 66 | 75 | 21 | 17 | 19 | --- | 18 | --- |
| **17** | 42 | 34 | 36 | 120 | 68 | 97 | 22 | 18 | 20 | 19 | 14 | 16 |
| **18** | 42 | 37 | 40 | 120 | 49 | 77 | 24 | 18 | 21 | 19 | 15 | 17 |
| **19** | 65 | 39 | 50 | 110 | 38 | 63 | 27 | 22 | 24 | 19 | 14 | 16 |
| **20** | 60 | 49 | 52 | 86 | 38 | 47 | 26 | 22 | 23 | 20 | 12 | 17 |
| **21** | 55 | 44 | 50 | 42 | 36 | 38 | 24 | 22 | 23 | 17 | 12 | 14 |
| **22** | 51 | 48 | 49 | 38 | 35 | 36 | 22 | 21 | 21 | 18 | 14 | 15 |
| **23** | 50 | 47 | 48 | 38 | 34 | 36 | 23 | 20 | 21 | 16 | 14 | 15 |
| **24** | 48 | 45 | 46 | 38 | 35 | 37 | 34 | 21 | 25 | 14 | 12 | 13 |
| **25** | 46 | 44 | 45 | 38 | 35 | 36 | --- | --- | --- | 12 | 11 | 12 |
| **26** | 48 | 44 | 47 | 38 | 35 | 37 | --- | --- | --- | 17 | 12 | 13 |
| **27** | 47 | 43 | 46 | 38 | 35 | 36 | --- | --- | --- | --- | --- | --- |
| **28** | 48 | 45 | 46 | 44 | 35 | 37 | --- | --- | --- | --- | --- | --- |
| **29** | 47 | 44 | 45 | 48 | 34 | 39 | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | 41 | 31 | 35 | 24 | 18 | 20 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.4 | 7.4 | 8.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 13 | 7.8 | 9.2 | 7.8 | 2.7 | 3.7 | 11 | 8.6 | 9.9 | 11 | 7.4 | 9.1 |
| **2** | 11 | 7.8 | 8.7 | 7.6 | 2.4 | 3.7 | 16 | 5.1 | 11 | 8.0 | 6.2 | 7.2 |
| **3** | 17 | 9.3 | 11 | 6.7 | 2.5 | 4.3 | 6.4 | 5.4 | 5.8 | 8.9 | 6.2 | 7.2 |
| **4** | 17 | 9.2 | 13 | 15 | 2.9 | 7.6 | --- | --- | --- | 8.1 | 6.2 | 7.0 |
| **5** | 22 | 12 | 15 | 27 | 3.5 | 8.9 | --- | --- | --- | 8.3 | 6.4 | 7.2 |
| **6** | 23 | 9.4 | 13 | 6.8 | 3.0 | 4.3 | --- | --- | --- | 14 | 6.5 | 8.5 |
| **7** | 19 | 9.4 | 13 | 13 | 3.9 | 7.0 | --- | --- | --- | 13 | 6.8 | 9.0 |
| **8** | 16 | 7.6 | 11 | 26 | 5.0 | 11 | --- | --- | --- | 17 | 8.3 | 9.9 |
| **9** | 16 | 9.1 | 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 17 | 8.0 | 10 | 9.5 | 3.8 | 5.9 | --- | --- | --- | --- | --- | --- |
| **11** | 15 | 8.6 | 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 14 | 8.3 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 11 | 7.8 | 9.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | --- | --- | --- | --- | --- | --- | 9.5 | 6.7 | 8.0 | --- | --- | --- |
| **16** | --- | --- | --- | 11 | 7.9 | 9.4 | 9.6 | 7.8 | 8.5 | --- | --- | --- |
| **17** | --- | --- | --- | 9.5 | 7.3 | 8.4 | 12 | 7.6 | 9.3 | 94 | 72 | 83 |
| **18** | 13 | 6.9 | 8.2 | 12 | 7.2 | 8.3 | 8.9 | 7.2 | 8.0 | 79 | 45 | 59 |
| **19** | 14 | 7.1 | 8.3 | 13 | 7.1 | 8.7 | 12 | 7.9 | 9.5 | 51 | 34 | 42 |
| **20** | 11 | 7.5 | 8.6 | 11 | 7.4 | 8.9 | --- | --- | --- | 43 | 29 | 37 |
| **21** | 11 | 8.0 | 9.2 | 10 | 6.5 | 8.5 | 12 | 8.5 | 9.5 | 43 | 31 | 35 |
| **22** | 9.2 | 7.5 | 8.2 | --- | --- | --- | 17 | 9.1 | 10 | 41 | 29 | 35 |
| **23** | 15 | 8.0 | 9.2 | 14 | 11 | 13 | 11 | 8.5 | 9.5 | 37 | 30 | 33 |
| **24** | 13 | 7.2 | 8.8 | 15 | 10 | 13 | --- | --- | --- | 34 | 28 | 31 |
| **25** | 12 | 6.4 | 9.2 | 15 | 8.8 | 12 | 10 | 7.5 | 8.6 | 33 | 28 | 31 |
| **26** | 16 | 7.8 | 11 | 10 | 7.8 | 9.0 | --- | --- | --- | 32 | 27 | 29 |
| **27** | --- | --- | --- | 11 | 6.7 | 8.6 | --- | --- | --- | 29 | 26 | 28 |
| **28** | --- | --- | --- | 15 | 3.2 | 8.4 | 8.1 | 6.4 | 7.1 | 27 | 19 | 23 |
| **29** | 6.2 | 3.9 | 4.8 | 12 | 7.2 | 9.0 | 7.6 | 5.7 | 6.5 | 23 | 18 | 21 |
| **30** | 6.3 | 3.6 | 4.5 | 18 | 6.7 | 10 | 9.7 | 6.0 | 7.4 | 22 | 17 | 20 |
| **31** | --- | --- | --- | 14 | 9.3 | 11 | 9.0 | 5.8 | 7.3 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 27.4 | 26.1 | 26.7 | 21.6 | 20.6 | 21.1 | 16.4 | 15.5 | 15.9 | 14.2 | 13.3 | 13.7 |
| **2** | 27.7 | 26.6 | 27.0 | 20.6 | 19.3 | 20.1 | 15.6 | 14.8 | 15.4 | 13.9 | 12.7 | 13.3 |
| **3** | 28.2 | 26.8 | 27.4 | 19.6 | 18.1 | 19.0 | 14.8 | 13.8 | 14.4 | 13.3 | 12.9 | 13.1 |
| **4** | 29.4 | 26.9 | 27.9 | 19.7 | 18.6 | 19.2 | 13.9 | 13.4 | 13.6 | 13.1 | 12.9 | 13.0 |
| **5** | 30.1 | 26.9 | 28.2 | 19.6 | 19.2 | 19.4 | 14.1 | 12.9 | 13.4 | 13.9 | 13.0 | 13.3 |
| **6** | 29.5 | 27.3 | 28.3 | 19.8 | 19.5 | 19.7 | 13.6 | 13.3 | 13.4 | 13.9 | 13.5 | 13.7 |
| **7** | 28.3 | 26.7 | 27.5 | 21.2 | 19.2 | 19.9 | 13.5 | 12.6 | 13.3 | 14.1 | 13.2 | 13.6 |
| **8** | 27.9 | 26.4 | 27.1 | 20.0 | 19.2 | 19.6 | 12.6 | 11.5 | 12.0 | 15.4 | 12.5 | 13.7 |
| **9** | 27.6 | 26.4 | 27.0 | 20.8 | 19.4 | 20.2 | 11.9 | 11.2 | 11.5 | 13.9 | 12.7 | 13.3 |
| **10** | 27.0 | 26.3 | 26.6 | 21.2 | 20.3 | 20.8 | 12.0 | 11.2 | 11.5 | 13.9 | 12.9 | 13.4 |
| **11** | 27.3 | 25.9 | 26.4 | 20.3 | 19.3 | 19.8 | 12.7 | 12.0 | 12.3 | 14.1 | 13.4 | 13.8 |
| **12** | 26.4 | 25.7 | 26.0 | 19.8 | 18.7 | 19.2 | 12.7 | 12.1 | 12.3 | 14.9 | 14.0 | 14.5 |
| **13** | 25.7 | 24.6 | 24.9 | 20.3 | 18.9 | 19.4 | 12.9 | 12.2 | 12.5 | 15.6 | 14.9 | 15.3 |
| **14** | 25.4 | 24.1 | 24.7 | 20.2 | 19.6 | 19.9 | 13.8 | 12.2 | 13.2 | 16.0 | 14.7 | 15.3 |
| **15** | 24.9 | 24.4 | 24.6 | 20.2 | 18.3 | 19.4 | 14.8 | 12.7 | 14.0 | 14.7 | 12.9 | 13.8 |
| **16** | 24.7 | 24.1 | 24.4 | 18.6 | 17.8 | 18.1 | 15.5 | 14.3 | 14.9 | 12.9 | 11.3 | 12.1 |
| **17** | 25.5 | 23.9 | 24.5 | 18.6 | 17.6 | 18.0 | 15.6 | 14.6 | 15.0 | 11.3 | 10.5 | 10.8 |
| **18** | 25.8 | 24.8 | 25.2 | 19.6 | 17.5 | 18.4 | 16.5 | 14.9 | 15.6 | 10.5 | 8.7 | 9.4 |
| **19** | 25.5 | 23.7 | 24.5 | 18.7 | 17.2 | 17.9 | 16.9 | 15.4 | 16.4 | 8.9 | 8.2 | 8.6 |
| **20** | 24.4 | 23.1 | 23.7 | 17.5 | 16.5 | 17.0 | 17.2 | 16.0 | 16.7 | 8.9 | 8.3 | 8.5 |
| **21** | 23.6 | 22.8 | 23.1 | 17.2 | 16.3 | 16.6 | 16.3 | 15.6 | 16.0 | 9.6 | 8.6 | 9.1 |
| **22** | 22.8 | 21.3 | 22.0 | 16.9 | 16.2 | 16.5 | 15.9 | 15.2 | 15.5 | 9.6 | 9.0 | 9.3 |
| **23** | 22.1 | 20.6 | 21.3 | 17.7 | 16.1 | 16.8 | 15.2 | 14.7 | 14.9 | 9.3 | 6.5 | 8.2 |
| **24** | 21.8 | 20.9 | 21.3 | 17.7 | 16.8 | 17.1 | 14.7 | 14.0 | 14.3 | 9.1 | 6.1 | 7.7 |
| **25** | 21.5 | 21.3 | 21.4 | 18.5 | 17.2 | 17.7 | 14.1 | 13.2 | 13.7 | 11.5 | 4.8 | 8.8 |
| **26** | 21.7 | 21.4 | 21.5 | 18.5 | 17.8 | 18.1 | 13.5 | 12.6 | 13.0 | 11.2 | 9.7 | 10.4 |
| **27** | 21.4 | 20.5 | 21.0 | 18.7 | 18.4 | 18.5 | 13.4 | 12.4 | 12.9 | 11.1 | 10.2 | 10.7 |
| **28** | 22.2 | 19.9 | 20.9 | 18.6 | 17.8 | 18.2 | 13.6 | 12.9 | 13.3 | 10.4 | 9.8 | 10.1 |
| **29** | 21.5 | 20.6 | 21.2 | 19.0 | 18.2 | 18.7 | 15.1 | 13.6 | 14.2 | 10.5 | 9.7 | 10.1 |
| **30** | 21.6 | 21.0 | 21.3 | 18.9 | 16.0 | 17.6 | 14.9 | 14.0 | 14.5 | 10.5 | 10.0 | 10.2 |
| **31** | 21.5 | 20.8 | 21.1 | --- | --- | --- | 14.6 | 13.7 | 14.1 | 10.2 | 9.6 | 9.9 |
| **Month** | 30.1 | 19.9 | 24.5 | 21.6 | 16.0 | 18.7 | 17.2 | 11.2 | 14.0 | 16.0 | 4.8 | 11.6 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 9.7 | 10.0 | 16.5 | 15.5 | 16.1 | 23.8 | 22.4 | 22.8 | 24.1 | 23.5 | 23.8 |
| **2** | 10.2 | 9.5 | 9.9 | 16.3 | 15.0 | 15.6 | 23.6 | 22.8 | 23.2 | 24.1 | 23.4 | 23.8 |
| **3** | 10.7 | 9.3 | 9.8 | 16.2 | 14.9 | 15.5 | 24.2 | 23.0 | 23.5 | 24.3 | 23.4 | 23.9 |
| **4** | 10.8 | 9.9 | 10.2 | 15.5 | 14.6 | 15.0 | 24.0 | 22.1 | 23.1 | 25.3 | 24.0 | 24.5 |
| **5** | 12.3 | 9.9 | 11.1 | 17.5 | 14.2 | 15.4 | 22.8 | 21.4 | 22.0 | 25.3 | 24.8 | 25.1 |
| **6** | 12.4 | 10.6 | 11.4 | 16.5 | 14.5 | 15.5 | 23.3 | 21.0 | 21.9 | 24.8 | 24.3 | 24.7 |
| **7** | 12.3 | 11.1 | 11.7 | 16.6 | 15.3 | 15.8 | 21.4 | 18.7 | 19.8 | 25.9 | 24.6 | 25.2 |
| **8** | 13.5 | 11.8 | 12.4 | 18.6 | 15.7 | 16.8 | 18.9 | 17.7 | 18.4 | 26.7 | 25.5 | 26.1 |
| **9** | 13.8 | 11.7 | 12.4 | 17.4 | 16.6 | 16.9 | 19.2 | 18.1 | 18.6 | 27.0 | 25.9 | 26.5 |
| **10** | 11.7 | 11.1 | 11.3 | 17.6 | 16.5 | 16.9 | 19.8 | 18.6 | 19.1 | 26.7 | 25.3 | 26.0 |
| **11** | 11.6 | 11.1 | 11.3 | 18.4 | 16.4 | 17.6 | 20.7 | 19.3 | 19.9 | 27.9 | 25.1 | 26.1 |
| **12** | 12.4 | 11.5 | 11.9 | 18.6 | 17.8 | 18.2 | 20.5 | 19.5 | 20.0 | 28.3 | 25.9 | 26.9 |
| **13** | 12.3 | 11.2 | 11.8 | 19.0 | 17.9 | 18.4 | 20.4 | 20.0 | 20.3 | 27.9 | 25.7 | 26.6 |
| **14** | 11.2 | 10.4 | 10.9 | 18.6 | 17.7 | 18.0 | 20.4 | 18.9 | 19.8 | 27.7 | 26.1 | 26.7 |
| **15** | 10.7 | 9.8 | 10.3 | 21.2 | 17.7 | 19.1 | 19.9 | 18.0 | 19.0 | 28.5 | 26.8 | 27.6 |
| **16** | 10.8 | 9.3 | 10 | 20.7 | 19.0 | 19.6 | 20.0 | 18.8 | 19.4 | 27.2 | 26.2 | 26.8 |
| **17** | 11.1 | 9.9 | 10.4 | 19.3 | 18.4 | 18.9 | 19.6 | 19.2 | 19.4 | 26.2 | 25.6 | 25.8 |
| **18** | 12.5 | 9.6 | 11.0 | 18.8 | 18.1 | 18.5 | 19.5 | 18.9 | 19.2 | 27.1 | 25.0 | 25.7 |
| **19** | 11.9 | 11.2 | 11.6 | 19.0 | 18.4 | 18.7 | --- | --- | --- | 27.8 | 25.3 | 26.3 |
| **20** | 11.8 | 11.2 | 11.5 | 19.6 | 18.7 | 19.1 | --- | --- | --- | 26.6 | 25.6 | 26.1 |
| **21** | 12.5 | 11.2 | 11.8 | 20.3 | 19.4 | 19.8 | --- | --- | --- | 26.0 | 25.6 | 25.8 |
| **22** | 13.5 | 11.4 | 12.6 | 20.6 | 19.8 | 20.2 | --- | --- | --- | 25.8 | 25.1 | 25.5 |
| **23** | 14.8 | 13.5 | 14.1 | 21.1 | 20.3 | 20.7 | --- | --- | --- | 26.3 | 25.4 | 25.8 |
| **24** | 14.9 | 13.9 | 14.4 | 21.3 | 20.7 | 20.9 | 21.8 | 21.4 | 21.6 | 26.5 | 25.8 | 26.1 |
| **25** | 16.1 | 13.4 | 14.1 | 21.4 | 21.0 | 21.2 | 21.6 | 21.1 | 21.4 | 26.4 | 26.0 | 26.2 |
| **26** | 14.8 | 13.5 | 14.2 | 21.4 | 21.1 | 21.2 | 22.4 | 20.8 | 21.6 | 26.1 | 25.6 | 25.8 |
| **27** | 16.1 | 14.3 | 15.1 | 22.2 | 21.1 | 21.6 | 22.8 | 22.0 | 22.4 | 26.0 | 25.4 | 25.7 |
| **28** | 16.6 | 15.6 | 16.3 | 22.3 | 21.6 | 22.0 | 22.9 | 22.0 | 22.4 | 25.9 | 25.1 | 25.5 |
| **29** | --- | --- | --- | 23.0 | 21.9 | 22.4 | 25.7 | 22.1 | 23.6 | 27.6 | 25.0 | 25.9 |
| **30** | --- | --- | --- | 23.0 | 22.5 | 22.8 | 24.9 | 23.4 | 23.9 | 28.1 | 26.4 | 27.1 |
| **31** | --- | --- | --- | 22.9 | 22.3 | 22.7 | --- | --- | --- | 29.4 | 26.8 | 27.5 |
| **Month** | 16.6 | 9.3 | 11.9 | 23.0 | 14.2 | 18.7 | --- | --- | --- | 29.4 | 23.4 | 25.8 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 28.9 | 27.4 | 28.0 | 29.5 | 28.8 | 29.2 | 30.0 | 28.9 | 29.6 | 30.6 | 29.6 | 30.2 |
| **2** | 29.1 | 26.8 | 27.7 | 29.0 | 28.3 | 28.7 | 30.6 | 29.2 | 29.6 | 30.2 | 29.0 | 29.5 |
| **3** | 27.9 | 25.9 | 26.7 | 29.2 | 28.4 | 28.8 | 32.2 | 29.1 | 30.3 | 30.0 | 29.0 | 29.4 |
| **4** | 27.9 | 25.2 | 26.8 | 28.9 | 28.3 | 28.5 | 31.0 | 30.1 | 30.6 | 30.4 | 28.8 | 29.3 |
| **5** | 28.6 | 27.4 | 28.1 | 28.7 | 27.8 | 28.2 | 30.6 | 29.6 | 30.1 | 29.4 | 28.8 | 29.1 |
| **6** | 28.9 | 27.3 | 28.0 | 28.6 | 27.6 | 28.1 | 30.5 | 29.6 | 30.1 | 29.4 | 28.8 | 29.1 |
| **7** | 28.8 | 27.5 | 27.9 | 29.0 | 27.3 | 27.7 | 30.3 | 29.1 | 29.8 | 29.4 | 28.8 | 29.0 |
| **8** | 28.9 | 27.4 | 28.1 | 28.5 | 27.4 | 28.0 | 31.1 | 28.9 | 29.9 | 30.5 | 29.0 | 29.6 |
| **9** | 30.2 | 28.3 | 28.9 | 29.1 | 28.2 | 28.6 | 31.7 | 28.9 | 30.3 | 30.4 | 29.1 | 29.7 |
| **10** | 30.1 | 28.4 | 29.3 | 29.0 | 28.4 | 28.7 | 33.2 | 28.7 | 30.7 | 32.1 | 29.1 | 30.1 |
| **11** | 30.9 | 28.9 | 29.7 | 29.8 | 28.6 | 29.0 | 34.0 | 30.2 | 31.9 | 31.3 | 29.7 | 30.4 |
| **12** | 30.6 | 29.4 | 30.0 | 30.2 | 29.0 | 29.6 | 33.4 | 31.6 | 32.4 | 30.0 | 28.4 | 29.2 |
| **13** | 30.5 | 28.8 | 29.6 | 30.3 | 29.2 | 29.6 | 34.4 | 31.2 | 32.7 | 29.3 | 28.0 | 28.7 |
| **14** | 30.4 | 29.7 | 30.1 | 29.6 | 29.2 | 29.3 | 34.7 | 31.1 | 32.8 | 31.3 | 28.6 | 29.9 |
| **15** | 30.1 | 29.3 | 29.6 | 29.2 | 28.7 | 29.0 | 33.3 | 31.6 | 32.5 | 30.9 | 29.3 | 30.0 |
| **16** | 29.4 | 28.9 | 29.2 | 29.5 | 28.9 | 29.2 | 32.0 | 29.8 | 30.8 | 31.6 | 28.5 | 29.8 |
| **17** | 28.9 | 28.4 | 28.7 | 29.8 | 29.0 | 29.3 | 31.4 | 29.8 | 30.4 | 30.5 | 28.9 | 29.7 |
| **18** | 29.4 | 28.2 | 28.8 | 29.8 | 29.1 | 29.4 | 31.0 | 30.1 | 30.5 | 30.3 | 28.9 | 29.6 |
| **19** | 29.6 | 28.6 | 29.0 | 29.4 | 28.5 | 28.9 | 31.3 | 29.8 | 30.5 | 30.5 | 29.1 | 29.8 |
| **20** | 29.8 | 28.9 | 29.3 | 29.0 | 28.1 | 28.5 | 31.4 | 30.1 | 30.7 | 30.7 | 29.4 | 29.9 |
| **21** | 30.0 | 29.4 | 29.6 | 30.2 | 27.9 | 28.8 | 31.3 | 29.7 | 30.7 | 31.0 | 29.0 | 29.9 |
| **22** | 30.0 | 29.2 | 29.6 | 31.2 | 28.5 | 29.7 | 31.5 | 30.7 | 31.1 | 30.5 | 28.6 | 29.5 |
| **23** | 29.7 | 28.7 | 29.4 | 31.2 | 28.7 | 29.9 | 31.6 | 30.8 | 31.2 | 29.7 | 28.6 | 29.1 |
| **24** | 29.7 | 28.6 | 29.2 | 31.6 | 28.8 | 30.0 | 32.4 | 30.9 | 31.4 | 30.9 | 28.4 | 29.5 |
| **25** | 29.4 | 28.8 | 29.2 | 30.9 | 29.4 | 30.1 | 31.6 | 30.9 | 31.4 | 30.1 | 29.3 | 29.7 |
| **26** | 29.1 | 28.7 | 28.9 | 30.2 | 29.4 | 29.7 | 33.3 | 30.6 | 31.5 | 30.3 | 29.2 | 29.6 |
| **27** | 29.3 | 28.4 | 28.9 | 29.4 | 28.6 | 28.9 | 32.5 | 31.1 | 31.9 | 30.4 | 29.5 | 30.0 |
| **28** | 29.6 | 28.4 | 29.0 | 29.0 | 28.4 | 28.7 | 32.0 | 30.9 | 31.3 | 30.0 | 29.1 | 29.6 |
| **29** | 29.7 | 28.6 | 29.1 | 29.5 | 28.4 | 29.0 | 31.4 | 30.4 | 30.9 | 29.9 | 28.7 | 29.3 |
| **30** | 29.8 | 28.7 | 29.3 | 29.9 | 28.6 | 29.2 | 32.2 | 30.0 | 30.7 | 29.4 | 28.6 | 28.9 |
| **31** | --- | --- | --- | 30.5 | 29.1 | 29.7 | 31.1 | 30.0 | 30.5 | --- | --- | --- |
| **Month** | 30.9 | 25.2 | 28.9 | 31.6 | 27.3 | 29.0 | 34.7 | 28.7 | 30.9 | 32.1 | 28.0 | 29.6 |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 29.9 | 28.3 | 29.0 | 23.9 | 20.1 | 21.8 | 17.8 | 17.2 | 17.5 | 12.5 | 11.4 | 12.1 |
| **2** | 29.2 | 28.4 | 28.9 | 21.8 | 20.1 | 21.2 | 17.4 | 15.9 | 16.7 | 11.4 | 10.6 | 11.1 |
| **3** | 29.3 | 28.1 | 28.6 | 23.2 | 20.7 | 21.6 | 16.1 | 14.6 | 15.2 | 10.8 | 9.9 | 10.3 |
| **4** | 30.0 | 28.2 | 29.0 | 22.1 | 20.8 | 21.4 | 15.4 | 14.0 | 14.7 | 11.0 | 9.8 | 10.5 |
| **5** | 29.5 | 28.4 | 28.8 | 22.0 | 20.8 | 21.4 | 15.6 | 14.2 | 14.8 | 12.0 | 10.8 | 11.6 |
| **6** | 29.8 | 28.1 | 28.7 | 21.3 | 20.4 | 21.1 | 15.4 | 14.2 | 14.8 | 13.1 | 12.0 | 12.6 |
| **7** | 29.6 | 28.2 | 28.9 | 20.4 | 19.6 | 20.0 | 15.8 | 14.9 | 15.3 | 13.9 | 12.7 | 13.3 |
| **8** | 29.7 | 27.8 | 28.5 | 20.1 | 19.3 | 19.7 | 16.6 | 15.6 | 16.1 | 14.5 | 13.4 | 13.9 |
| **9** | 29.3 | 28.1 | 28.7 | 20.6 | 19.6 | 20.0 | 17.0 | 16.4 | 16.8 | 15.1 | 12.9 | 13.8 |
| **10** | 28.7 | 27.3 | 28.1 | 20.6 | 19.8 | 20.2 | 17.6 | 16.8 | 17.2 | 14.5 | 13.4 | 14.1 |
| **11** | 29.3 | 26.9 | 28.1 | 20.8 | 20.1 | 20.4 | 18.2 | 17.5 | 17.9 | 14.8 | 12.9 | 13.7 |
| **12** | 28.3 | 27.1 | 27.7 | 22.2 | 20.0 | 21.1 | 18.9 | 16.7 | 17.7 | 14.6 | 12.9 | 13.7 |
| **13** | 27.7 | 26.6 | 27.2 | 21.8 | 20.6 | 21.2 | 17.1 | 16.5 | 16.7 | 14.2 | 13.1 | 13.6 |
| **14** | 26.9 | 26.0 | 26.4 | 21.4 | 20.5 | 20.9 | 16.9 | 16.6 | 16.7 | 14.4 | 12.9 | 13.7 |
| **15** | 26.7 | 25.2 | 26.0 | 20.5 | 19.1 | 19.8 | 17.2 | 15.1 | 16.5 | 14.0 | 13.2 | 13.6 |
| **16** | 26.9 | 24.4 | 25.5 | 19.4 | 18.6 | 19.0 | 15.2 | 14.0 | 14.7 | 13.3 | 12.8 | 13.1 |
| **17** | 26.4 | 25.2 | 25.8 | 19.3 | 18.8 | 19.1 | 15.0 | 13.9 | 14.4 | 13.2 | 12.6 | 12.9 |
| **18** | 26.6 | 25.2 | 25.9 | 19.8 | 18.9 | 19.2 | 15.3 | 14.3 | 14.8 | 12.6 | 11.6 | 12.1 |
| **19** | 26.3 | 23.8 | 25.1 | 20.5 | 19.4 | 19.8 | 15.5 | 14.6 | 15.0 | 11.8 | 10.9 | 11.5 |
| **20** | 25.5 | 24.7 | 25.1 | 20.5 | 19.9 | 20.2 | 16.2 | 14.9 | 15.6 | 11.2 | 10.3 | 10.8 |
| **21** | 25.4 | 24.7 | 25.1 | 20.9 | 19.0 | 20.2 | 15.8 | 14.5 | 15.2 | 11.1 | 10.6 | 10.9 |
| **22** | 25.0 | 23.0 | 24.2 | 19.0 | 17.4 | 18.2 | 16.1 | 14.2 | 15.5 | 12.5 | 11.1 | 11.7 |
| **23** | 23.0 | 21.5 | 22.2 | 17.4 | 16.2 | 16.9 | 14.9 | 13.5 | 14.1 | 11.3 | 10.8 | 11.0 |
| **24** | 22.0 | 20.7 | 21.4 | 16.2 | 15.0 | 15.5 | 14.8 | 13.2 | 13.9 | 11.0 | 10.5 | 10.7 |
| **25** | 21.1 | 19.9 | 20.6 | 15.2 | 14.4 | 14.9 | 14.6 | 13.2 | 13.7 | 10.6 | 9.5 | 9.8 |
| **26** | 21.5 | 19.3 | 20.3 | 15.5 | 14.0 | 14.7 | 14.1 | 12.8 | 13.4 | 11.7 | 9.5 | 10.4 |
| **27** | 21.1 | 19.7 | 20.4 | 15.9 | 13.7 | 14.7 | 13.1 | 12.5 | 12.9 | 12.3 | 10.5 | 11.1 |
| **28** | 20.9 | 19.5 | 20.1 | 15.9 | 14.0 | 15.0 | 13.5 | 12.7 | 13.0 | 12.3 | 11.1 | 11.7 |
| **29** | 21.0 | 19.0 | 19.9 | 16.9 | 14.9 | 15.7 | 12.9 | 12.4 | 12.6 | 12.8 | 11.2 | 12.3 |
| **30** | 21.9 | 19.0 | 20.3 | 18.5 | 15.4 | 16.7 | 13.5 | 12.0 | 12.7 | 11.2 | 9.8 | 10.6 |
| **31** | 22.5 | 19.4 | 20.9 | --- | --- | --- | 13.3 | 12.2 | 12.7 | 11.8 | 10.6 | 11.2 |
| **Month** | 30.0 | 19.0 | 25.3 | 23.9 | 13.7 | 19.1 | 18.9 | 12.0 | 15.1 | 15.1 | 9.5 | 12.0 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 12.2 | 9.8 | 10.8 | 17.4 | 16.3 | 16.7 | 22.4 | 21.0 | 21.2 | 23.3 | 22.7 | 23.0 |
| **2** | 12.2 | 10.6 | 11.4 | 17.2 | 16.7 | 17.0 | 22.1 | 21.0 | 21.5 | 24.0 | 23.1 | 23.4 |
| **3** | 13.4 | 11.9 | 12.7 | 17.4 | 16.2 | 17.0 | 22.5 | 21.9 | 22.2 | 24.2 | 23.5 | 23.9 |
| **4** | 14.1 | 13.3 | 13.6 | 16.3 | 15.5 | 16.0 | 22.3 | 21.1 | 21.8 | 25.9 | 22.9 | 24.1 |
| **5** | 14.9 | 13.7 | 14.2 | 16.3 | 15.6 | 16.0 | 22.2 | 20.7 | 21.3 | 25.2 | 22.8 | 23.8 |
| **6** | 13.9 | 12.6 | 13.4 | 16.7 | 15.9 | 16.2 | 23.2 | 21.1 | 21.8 | 23.4 | 22.5 | 22.9 |
| **7** | 14.0 | 12.5 | 13.3 | 15.9 | 14.6 | 15.1 | 23.7 | 22.1 | 22.8 | 23.6 | 22.8 | 23.2 |
| **8** | 14.0 | 13.0 | 13.5 | 15.4 | 14.2 | 14.8 | 23.4 | 22.6 | 23.0 | 24.1 | 22.9 | 23.4 |
| **9** | 14.4 | 13.7 | 14.0 | 15.3 | 14.6 | 14.9 | 23.3 | 22.5 | 22.7 | 24.8 | 23.2 | 24.1 |
| **10** | 16.5 | 14.1 | 15.5 | 15.4 | 15.1 | 15.2 | 22.7 | 22.1 | 22.3 | 25.8 | 24.4 | 25.1 |
| **11** | 16.3 | 15.6 | 16.1 | 15.8 | 14.9 | 15.2 | 22.6 | 22.0 | 22.3 | 25.4 | 24.4 | 24.8 |
| **12** | 15.9 | 14.7 | 15.4 | 15.7 | 15.1 | 15.4 | 22.0 | 21.2 | 21.6 | 24.7 | 23.6 | 24.2 |
| **13** | 15.6 | 14.2 | 14.7 | 16.2 | 15.3 | 15.8 | 21.9 | 20.8 | 21.3 | 24.7 | 24.4 | 24.5 |
| **14** | 15.1 | 14.2 | 14.6 | 17.0 | 16.0 | 16.4 | 21.2 | 20.1 | 20.7 | 25.0 | 24.4 | 24.6 |
| **15** | 15.8 | 14.7 | 15.1 | 18.4 | 16.7 | 17.5 | 20.8 | 19.9 | 20.4 | 26.6 | 23.8 | 25.0 |
| **16** | 16.0 | 15.3 | 15.8 | 18.1 | 17.4 | 17.8 | 20.8 | 19.9 | 20.4 | 24.6 | 22.5 | 23.8 |
| **17** | 16.4 | 15.2 | 15.8 | 18.9 | 18.0 | 18.4 | 20.8 | 20.3 | 20.5 | 24.3 | 23.7 | 24.0 |
| **18** | 16.2 | 15.1 | 15.7 | 19.4 | 18.6 | 19.1 | 21.0 | 20.2 | 20.6 | 24.4 | 23.2 | 23.8 |
| **19** | 17.0 | 15.6 | 16.2 | 18.8 | 18.1 | 18.4 | 21.3 | 20.1 | 20.5 | 24.8 | 23.1 | 24.0 |
| **20** | 16.7 | 16.0 | 16.4 | 19.2 | 17.3 | 18.3 | 22.0 | 20.4 | 21.2 | 26.1 | 23.8 | 24.6 |
| **21** | 16.8 | 16.5 | 16.6 | 19.2 | 18.4 | 18.7 | 22.6 | 21.6 | 22.0 | 26.6 | 25.2 | 25.8 |
| **22** | 16.6 | 15.8 | 16.1 | 21.1 | 18.3 | 19.2 | 23.6 | 22.3 | 23.0 | 26.6 | 26.2 | 26.4 |
| **23** | 16.4 | 15.4 | 15.9 | 20.5 | 18.9 | 19.5 | 24.5 | 22.5 | 23.6 | 27.1 | 26.2 | 26.6 |
| **24** | 17.1 | 16.3 | 16.6 | 19.9 | 17.5 | 18.4 | 24.1 | 23.2 | 23.6 | 27.9 | 26.8 | 27.2 |
| **25** | 17.6 | 16.3 | 16.9 | 18.8 | 18.2 | 18.5 | 23.7 | 23.0 | 23.4 | 28.3 | 27.3 | 27.7 |
| **26** | 17.2 | 16.1 | 16.7 | 18.8 | 18.1 | 18.5 | 24.4 | 23.3 | 23.8 | 28.5 | 27.8 | 28.1 |
| **27** | 17.6 | 15.6 | 16.3 | 19.3 | 18.3 | 18.8 | 24.2 | 22.8 | 23.7 | 28.6 | 27.6 | 28.1 |
| **28** | 16.7 | 16.2 | 16.5 | 19.5 | 19.0 | 19.2 | 23.4 | 22.2 | 22.7 | 30.4 | 27.8 | 28.7 |
| **29** | 16.4 | 15.9 | 16.2 | 20.6 | 19.2 | 19.8 | 23.4 | 22.0 | 22.8 | 30.0 | 28.2 | 29.0 |
| **30** | --- | --- | --- | 21.1 | 20.6 | 20.7 | 23.2 | 22.7 | 22.9 | 29.1 | 28.3 | 28.7 |
| **31** | --- | --- | --- | 21.3 | 20.5 | 20.9 | --- | --- | --- | 29.4 | 28.2 | 28.8 |
| **Month** | 17.6 | 9.8 | 15.0 | 21.3 | 14.2 | 17.5 | 24.5 | 19.9 | 22.1 | 30.4 | 22.5 | 25.3 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.2 | 28.5 | 28.9 | 31.2 | 29.8 | 30.4 | 31.9 | 30.2 | 30.7 | 30.6 | 29.2 | 30.0 |
| **2** | 29.4 | 28.6 | 28.9 | 30.9 | 29.5 | 30.2 | 32.5 | 30.5 | 31.2 | 29.6 | 29.0 | 29.3 |
| **3** | 29.3 | 28.6 | 28.9 | 31.0 | 29.5 | 30.3 | --- | --- | --- | 29.7 | 29.1 | 29.4 |
| **4** | 29.0 | 28.3 | 28.7 | 30.8 | 29.8 | 30.1 | --- | --- | --- | 30.0 | 29.2 | 29.5 |
| **5** | 28.7 | 28.3 | 28.5 | 30.0 | 29.6 | 29.8 | --- | --- | --- | 30.4 | 28.9 | 29.6 |
| **6** | 28.8 | 28.1 | 28.4 | 30.5 | 29.3 | 29.5 | --- | --- | --- | 30.5 | 29.1 | 29.8 |
| **7** | 29.0 | 28.3 | 28.7 | 30.8 | 29.4 | 30.3 | --- | --- | --- | 30.9 | 29.1 | 29.9 |
| **8** | 29.4 | 28.7 | 29.0 | 30.9 | 29.6 | 30.3 | --- | --- | --- | 30.5 | 29.6 | 30.0 |
| **9** | 29.6 | 28.9 | 29.2 | 31.2 | 29.8 | 30.6 | --- | --- | --- | --- | --- | --- |
| **10** | 29.5 | 29.0 | 29.1 | 30.4 | 29.6 | 30.1 | --- | --- | --- | --- | --- | --- |
| **11** | 29.6 | 29.0 | 29.2 | 30.3 | 29.6 | 30.0 | --- | --- | --- | --- | --- | --- |
| **12** | 29.6 | 28.9 | 29.4 | 30.6 | 29.9 | 30.2 | --- | --- | --- | --- | --- | --- |
| **13** | 29.6 | 29.0 | 29.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 30.0 | 29.0 | 29.5 | --- | --- | --- | 31.3 | --- | --- | --- | --- | --- |
| **15** | 30.8 | 29.5 | 30.0 | --- | --- | --- | 31.5 | 30.0 | 30.9 | --- | --- | --- |
| **16** | 30.7 | 29.7 | 30.2 | 31.2 | 30.3 | 30.7 | 30.6 | 30.1 | 30.4 | --- | --- | --- |
| **17** | 32.4 | 29.8 | 30.5 | 31.5 | 30.6 | 30.9 | 32.1 | 29.7 | 30.2 | 24.7 | 23.8 | 24.3 |
| **18** | 31.4 | 29.7 | 30.3 | 31.7 | 30.5 | 30.8 | 30.4 | 29.8 | 30.1 | 24.8 | 23.9 | 24.4 |
| **19** | 32.2 | 29.7 | 30.5 | 31.5 | 30.5 | 30.9 | 29.8 | 29.4 | 29.6 | 25.9 | 24.0 | 24.7 |
| **20** | 31.7 | 29.9 | 30.5 | 31.6 | 30.7 | 31.0 | --- | 29.0 | --- | 26.4 | 24.8 | 25.4 |
| **21** | 30.9 | 29.5 | 30.2 | 32.7 | 30.6 | 31.3 | 29.3 | 28.9 | 29.1 | 26.8 | 25.3 | 26.0 |
| **22** | 32.1 | 29.9 | 30.7 | 32.5 | 31.3 | 31.7 | 29.8 | 28.8 | 29.2 | 27.3 | 25.6 | 26.3 |
| **23** | 31.4 | 30.4 | 30.9 | 31.4 | 30.4 | 30.7 | 31.0 | 29.3 | 29.8 | 27.1 | 26.0 | 26.5 |
| **24** | 31.5 | 30.2 | 30.7 | 30.3 | 29.4 | 29.7 | 31.1 | 29.6 | 30.3 | 27.3 | 26.4 | 26.8 |
| **25** | 30.4 | 29.7 | 30.1 | 30.2 | 29.2 | 29.6 | 31.0 | 29.5 | 30.3 | 26.6 | 25.8 | 26.2 |
| **26** | 30.3 | 29.6 | 29.9 | 30.2 | 29.2 | 29.7 | --- | --- | --- | 26.5 | 25.9 | 26.2 |
| **27** | --- | --- | --- | 32.4 | 29.0 | 30.2 | --- | --- | --- | 27.7 | 25.9 | 26.6 |
| **28** | --- | --- | --- | 32.9 | 29.0 | 30.5 | 30.5 | 29.4 | 29.9 | 27.8 | 26.1 | 26.8 |
| **29** | 29.7 | 29.3 | 29.5 | 31.3 | 30.0 | 30.5 | 32.4 | 30.0 | 30.8 | 27.4 | 25.9 | 26.6 |
| **30** | 30.7 | 29.2 | 29.8 | 31.2 | 29.6 | 30.3 | 31.7 | 30.6 | 31.1 | 26.7 | 25.6 | 26.2 |
| **31** | --- | --- | --- | 31.2 | 29.9 | 30.3 | 31.3 | 30.5 | 31.0 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 224 | 214 | 220 | 68 | 65 | 66 | 119 | 114 | 116 | 175 | 162 | 166 |
| **2** | 223 | 218 | 220 | 68 | 65 | 66 | 120 | 117 | 118 | 218 | 163 | 179 |
| **3** | 223 | 220 | 221 | 73 | 67 | 69 | 128 | 119 | 123 | 237 | 207 | 221 |
| **4** | 223 | 219 | 221 | 71 | 69 | 69 | 124 | 119 | 122 | 242 | 229 | 234 |
| **5** | 232 | 222 | 226 | 73 | 70 | 71 | 124 | 122 | 122 | 234 | 226 | 229 |
| **6** | 236 | 227 | 232 | 73 | 70 | 71 | 123 | 120 | 121 | 229 | 221 | 226 |
| **7** | --- | --- | --- | 73 | 70 | 71 | 132 | 120 | 123 | 221 | 205 | 213 |
| **8** | --- | --- | --- | 77 | 71 | 72 | 134 | 122 | 128 | 210 | 195 | 204 |
| **9** | --- | --- | --- | 82 | 74 | 78 | 129 | 123 | 126 | 209 | 187 | 194 |
| **10** | --- | --- | --- | 92 | 80 | 87 | 129 | 126 | 128 | 194 | 183 | 188 |
| **11** | --- | --- | --- | 97 | 89 | 92 | 130 | 126 | 128 | 186 | 180 | 184 |
| **12** | --- | --- | --- | 101 | 92 | 95 | 129 | 123 | 126 | 187 | 180 | 184 |
| **13** | 250 | 236 | 240 | 101 | 95 | 99 | 125 | 122 | 124 | 188 | 181 | 185 |
| **14** | 251 | 236 | 242 | 102 | 93 | 98 | 126 | 123 | 125 | 187 | 178 | 184 |
| **15** | 250 | 236 | 245 | 102 | 95 | 99 | 127 | 124 | 125 | 187 | 168 | 178 |
| **16** | 267 | 234 | 246 | 103 | 97 | 101 | 127 | 125 | 126 | 178 | 169 | 176 |
| **17** | 266 | 134 | 219 | 102 | 99 | 101 | 132 | 126 | 129 | 180 | 177 | 178 |
| **18** | 134 | 97 | 115 | 103 | 101 | 102 | 136 | 128 | 132 | 178 | 147 | 161 |
| **19** | 107 | 80 | 95 | 107 | 102 | 104 | 141 | 134 | 139 | 147 | 141 | 143 |
| **20** | 97 | 79 | 91 | 107 | 101 | 104 | 151 | 139 | 143 | 154 | 144 | 148 |
| **21** | 90 | 77 | 86 | 105 | 102 | 104 | 142 | 140 | 141 | 157 | 140 | 146 |
| **22** | 86 | 68 | 78 | 108 | 103 | 104 | 147 | 141 | 144 | 167 | 144 | 154 |
| **23** | 84 | 76 | 80 | 108 | 107 | 107 | 162 | 145 | 147 | 168 | 149 | 157 |
| **24** | 83 | 80 | 82 | 107 | 106 | 106 | 167 | 141 | 152 | 163 | 153 | 159 |
| **25** | 86 | 80 | 83 | 107 | 106 | 106 | 155 | 141 | 146 | 164 | 152 | 159 |
| **26** | 86 | 81 | 83 | 108 | 107 | 107 | 153 | 143 | 149 | 163 | 154 | 158 |
| **27** | 83 | 79 | 80 | 109 | 108 | 108 | 152 | 150 | 152 | 161 | 150 | 156 |
| **28** | 100 | 79 | 85 | 111 | 108 | 109 | 167 | 152 | 156 | 154 | 141 | 147 |
| **29** | 89 | 76 | 84 | 112 | 109 | 111 | 187 | 163 | 175 | 149 | 144 | 147 |
| **30** | 79 | 66 | 75 | 117 | 111 | 113 | 172 | 164 | 167 | 150 | 142 | 147 |
| **31** | 70 | 62 | 66 | --- | --- | --- | 164 | 162 | 163 | 143 | 128 | 137 |
| **Month** | --- | --- | --- | 117 | 65 | 93 | 187 | 114 | 136 | 242 | 128 | 176 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 149 | 135 | 143 | 153 | 151 | 152 | 170 | 155 | 160 | 177 | 174 | 176 |
| **2** | 143 | 133 | 139 | 155 | 152 | 154 | 172 | 160 | 165 | 185 | 176 | 180 |
| **3** | 138 | 131 | 134 | 156 | 153 | 155 | 172 | 168 | 170 | 183 | 176 | 178 |
| **4** | 136 | 132 | 133 | 159 | 155 | 157 | 174 | 170 | 172 | 194 | 179 | 184 |
| **5** | 137 | 134 | 136 | 159 | 154 | 157 | 174 | 161 | 170 | 212 | 194 | 204 |
| **6** | 136 | 135 | 135 | 158 | 156 | 157 | 171 | 169 | 170 | 200 | 162 | 177 |
| **7** | 136 | 135 | 135 | 158 | 153 | 156 | 170 | 167 | 168 | 180 | 165 | 172 |
| **8** | 136 | 135 | 135 | 157 | 154 | 156 | 168 | 165 | 167 | 178 | 154 | 162 |
| **9** | 138 | 135 | 137 | 159 | 156 | 157 | 168 | 163 | 166 | 162 | 158 | 161 |
| **10** | 139 | 138 | 139 | 161 | 156 | 159 | 167 | 163 | 165 | 163 | 151 | 158 |
| **11** | 139 | 138 | 138 | 166 | 160 | 161 | 167 | 165 | 166 | 153 | 145 | 150 |
| **12** | 143 | 138 | 140 | 165 | 160 | 162 | 165 | 161 | 164 | 146 | 142 | 144 |
| **13** | 143 | 140 | 141 | 166 | 162 | 164 | 166 | 162 | 164 | 146 | 143 | 144 |
| **14** | 143 | 139 | 142 | 179 | 162 | 168 | 168 | 166 | 167 | 146 | 144 | 144 |
| **15** | 144 | 139 | 142 | 269 | 173 | 208 | 168 | 167 | 167 | 148 | 145 | 146 |
| **16** | 146 | 141 | 144 | 238 | 198 | 215 | 168 | 167 | 168 | 151 | 147 | 149 |
| **17** | 146 | 142 | 144 | 216 | 188 | 203 | 169 | 168 | 168 | 154 | 150 | 151 |
| **18** | 146 | 142 | 144 | 190 | 147 | 157 | 170 | 166 | 168 | 156 | 152 | 154 |
| **19** | 145 | 142 | 144 | 152 | 138 | 145 | --- | --- | --- | 158 | 155 | 156 |
| **20** | 146 | 142 | 143 | 152 | 134 | 140 | --- | --- | --- | 159 | 157 | 158 |
| **21** | 148 | 145 | 146 | 152 | 141 | 148 | --- | --- | --- | 158 | 157 | 158 |
| **22** | 147 | 145 | 146 | 151 | 147 | 150 | --- | --- | --- | 159 | 158 | 159 |
| **23** | 147 | 146 | 146 | 148 | 144 | 147 | --- | --- | --- | 160 | 159 | 160 |
| **24** | 149 | 146 | 147 | 148 | 147 | 148 | 168 | 166 | 167 | 165 | 160 | 161 |
| **25** | 151 | 148 | 149 | 148 | 143 | 146 | 168 | 166 | 166 | 162 | 161 | 162 |
| **26** | 153 | 150 | 151 | 147 | 143 | 145 | 170 | 166 | 168 | 164 | 162 | 163 |
| **27** | 156 | 152 | 154 | 146 | 140 | 144 | 186 | 169 | 172 | 164 | 162 | 163 |
| **28** | 156 | 152 | 154 | 145 | 141 | 144 | 186 | 170 | 176 | 171 | 162 | 167 |
| **29** | --- | --- | --- | 144 | 139 | 141 | 193 | 176 | 183 | 200 | 162 | 190 |
| **30** | --- | --- | --- | 141 | 138 | 140 | 180 | 176 | 178 | 195 | 187 | 191 |
| **31** | --- | --- | --- | 167 | 138 | 150 | --- | --- | --- | 191 | 183 | 187 |
| **Month** | 156 | 131 | 142 | 269 | 134 | 158 | --- | --- | --- | 212 | 142 | 165 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 186 | 179 | 182 | 187 | 185 | 186 | 141 | 135 | 137 | 174 | 171 | 173 |
| **2** | 182 | 177 | 180 | 187 | 185 | 186 | 140 | 137 | 138 | 180 | 172 | 175 |
| **3** | 180 | 151 | 166 | 187 | 181 | 184 | 141 | 135 | 138 | 177 | 171 | 174 |
| **4** | 172 | 152 | 160 | 182 | 181 | 182 | 141 | 139 | 140 | 176 | 172 | 173 |
| **5** | 166 | 150 | 155 | 182 | 181 | 181 | 144 | 138 | 141 | 180 | 174 | 176 |
| **6** | 163 | 150 | 157 | 183 | 181 | 182 | 140 | 138 | 139 | 182 | 174 | 178 |
| **7** | 156 | 155 | 156 | 182 | 169 | 180 | 144 | 139 | 141 | 189 | 180 | 185 |
| **8** | 156 | 153 | 154 | 178 | 174 | 177 | 146 | 142 | 144 | 190 | 185 | 187 |
| **9** | 155 | 152 | 154 | 175 | 167 | 171 | 147 | 142 | 144 | 192 | 187 | 189 |
| **10** | 154 | 149 | 152 | 168 | 162 | 166 | 148 | 143 | 146 | 191 | 188 | 189 |
| **11** | 152 | 148 | 150 | 166 | 163 | 164 | 147 | 143 | 146 | 195 | 190 | 192 |
| **12** | 151 | 149 | 150 | 166 | 161 | 163 | 146 | 142 | 144 | 205 | 194 | 196 |
| **13** | 152 | 149 | 150 | 167 | 162 | 164 | 147 | 142 | 145 | 203 | 189 | 195 |
| **14** | 151 | 149 | 150 | 163 | 162 | 162 | 154 | 142 | 149 | 195 | 189 | 193 |
| **15** | 152 | 151 | 151 | 163 | 161 | 162 | 156 | 150 | 153 | 205 | 195 | 200 |
| **16** | 152 | 151 | 151 | 161 | 159 | 160 | 152 | 142 | 147 | 209 | 198 | 204 |
| **17** | 154 | 151 | 152 | 160 | 158 | 159 | 147 | 135 | 141 | 206 | 198 | 202 |
| **18** | 155 | 152 | 153 | 163 | 159 | 161 | 139 | 135 | 138 | 204 | 202 | 203 |
| **19** | 161 | 153 | 156 | 164 | 162 | 163 | 143 | 138 | 140 | 205 | 200 | 202 |
| **20** | 175 | 157 | 163 | 163 | 150 | 158 | 144 | 140 | 142 | 200 | 199 | 200 |
| **21** | 176 | 167 | 173 | 150 | 142 | 146 | 169 | 140 | 151 | 203 | 200 | 200 |
| **22** | 181 | 173 | 177 | 147 | 129 | 141 | 160 | 156 | 157 | 203 | 201 | 202 |
| **23** | 182 | 177 | 180 | 131 | 126 | 128 | 164 | 160 | 163 | 204 | 203 | 204 |
| **24** | 188 | 179 | 183 | 132 | 127 | 129 | 165 | 162 | 164 | 205 | 202 | 203 |
| **25** | 190 | 183 | 187 | 132 | 128 | 130 | 168 | 165 | 167 | 204 | 201 | 202 |
| **26** | 189 | 181 | 184 | 133 | 131 | 131 | 175 | 167 | 171 | 204 | 200 | 202 |
| **27** | 190 | 183 | 187 | 133 | 131 | 132 | 181 | 175 | 178 | 202 | 200 | 201 |
| **28** | 188 | 186 | 187 | 133 | 132 | 133 | 180 | 164 | 173 | 203 | 199 | 200 |
| **29** | 188 | 185 | 186 | 134 | 132 | 133 | 171 | 164 | 169 | 206 | 202 | 204 |
| **30** | 187 | 185 | 186 | 135 | 132 | 134 | 173 | 168 | 171 | 210 | 206 | 208 |
| **31** | --- | --- | --- | 138 | 133 | 136 | 173 | 171 | 172 | --- | --- | --- |
| **Month** | 190 | 148 | 166 | 187 | 126 | 158 | 181 | 135 | 151 | 210 | 171 | 194 |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 209 | 206 | 208 | 212 | 208 | 210 | 212 | 210 | 211 | 220 | 214 | 218 |
| **2** | 208 | 204 | 205 | 213 | 194 | 202 | 213 | 211 | 212 | 223 | 218 | 220 |
| **3** | 206 | 204 | 205 | 213 | 190 | 203 | 212 | 207 | 210 | 223 | 219 | 221 |
| **4** | 207 | 205 | 206 | 205 | 198 | 201 | 211 | 209 | 210 | 223 | 215 | 218 |
| **5** | 210 | 206 | 208 | 210 | 200 | 203 | 211 | 210 | 211 | 221 | 217 | 219 |
| **6** | 210 | 207 | 209 | 206 | 203 | 204 | 211 | 209 | 210 | 220 | 218 | 219 |
| **7** | 210 | 206 | 207 | 205 | 197 | 202 | 209 | 207 | 208 | 223 | 219 | 220 |
| **8** | 213 | 205 | 209 | 205 | 202 | 204 | 208 | 207 | 208 | 223 | 219 | 221 |
| **9** | 214 | 208 | 210 | 204 | 201 | 202 | 208 | 208 | 208 | 227 | 221 | 223 |
| **10** | 219 | 211 | 215 | 205 | 203 | 204 | 208 | 208 | 208 | 224 | 220 | 222 |
| **11** | 214 | 208 | 210 | 204 | 203 | 203 | 210 | 208 | 208 | 227 | 221 | 224 |
| **12** | 226 | 211 | 218 | 205 | 202 | 203 | 213 | 205 | 208 | 227 | 223 | 225 |
| **13** | 220 | 213 | 215 | 205 | 202 | 203 | 210 | 206 | 207 | 229 | 225 | 226 |
| **14** | 217 | 215 | 216 | 205 | 203 | 204 | 208 | 204 | 207 | 230 | 225 | 227 |
| **15** | 218 | 212 | 216 | 206 | 204 | 205 | 208 | 202 | 204 | 232 | 225 | 229 |
| **16** | 231 | 211 | 220 | 206 | 204 | 205 | 209 | 206 | 207 | 240 | 226 | 231 |
| **17** | 248 | 223 | 235 | 205 | 204 | 205 | 209 | 206 | 207 | 234 | 228 | 230 |
| **18** | 248 | 228 | 235 | 204 | 202 | 203 | 208 | 206 | 207 | 237 | 224 | 228 |
| **19** | 233 | 226 | 230 | 203 | 200 | 202 | 208 | 206 | 207 | 246 | 223 | 230 |
| **20** | 230 | 215 | 220 | 203 | 200 | 202 | 208 | 205 | 206 | 244 | 232 | 238 |
| **21** | 224 | 218 | 221 | 213 | 201 | 206 | 210 | 207 | 208 | 239 | 234 | 235 |
| **22** | 224 | 220 | 223 | 236 | 209 | 223 | 212 | 209 | 210 | 251 | 234 | 242 |
| **23** | 224 | 217 | 220 | 232 | 220 | 229 | 217 | 210 | 214 | 260 | 249 | 255 |
| **24** | 222 | 218 | 219 | 233 | 220 | 226 | 219 | 215 | 217 | 261 | 256 | 259 |
| **25** | 218 | 214 | 216 | 224 | 217 | 219 | 224 | 217 | 221 | 260 | 248 | 254 |
| **26** | 218 | 214 | 216 | 222 | 215 | 218 | 223 | 213 | 218 | 250 | 242 | 245 |
| **27** | 216 | 206 | 213 | 217 | 211 | 214 | 218 | 215 | 217 | 247 | 240 | 244 |
| **28** | 216 | 206 | 209 | 215 | 211 | 213 | 218 | 213 | 215 | 243 | 239 | 241 |
| **29** | 218 | 206 | 212 | 215 | 211 | 212 | 218 | 215 | 217 | 244 | 237 | 240 |
| **30** | 212 | 206 | 209 | 212 | 210 | 212 | 223 | 216 | 217 | 242 | 229 | 236 |
| **31** | 214 | 208 | 211 | --- | --- | --- | 218 | 214 | 216 | 241 | 235 | 237 |
| **Month** | 248 | 204 | 215 | 236 | 190 | 208 | 224 | 202 | 211 | 261 | 214 | 232 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 243 | 235 | 238 | 144 | 141 | 142 | 200 | 196 | 198 | 233 | 228 | 230 |
| **2** | 238 | 234 | 236 | 146 | 142 | 143 | 204 | 197 | 199 | 234 | 229 | 231 |
| **3** | 237 | 231 | 235 | 145 | 140 | 143 | 205 | 196 | 201 | 236 | 218 | 229 |
| **4** | 235 | 232 | 233 | 144 | 140 | 142 | 197 | 195 | 196 | 222 | 215 | 218 |
| **5** | 234 | 226 | 231 | 142 | 140 | 141 | 201 | 195 | 198 | 220 | 212 | 215 |
| **6** | 231 | 226 | 229 | 142 | 140 | 141 | 201 | 198 | 200 | 233 | 213 | 222 |
| **7** | --- | --- | --- | 142 | 139 | 141 | 201 | 197 | 199 | 275 | 226 | 240 |
| **8** | 226 | 225 | 226 | 143 | 140 | 142 | 201 | 196 | 199 | --- | --- | --- |
| **9** | 225 | 219 | 223 | 142 | 141 | 142 | 200 | 198 | 199 | 255 | 248 | 252 |
| **10** | 222 | 214 | 217 | 143 | 142 | 142 | 205 | 198 | 201 | 249 | 242 | 246 |
| **11** | 222 | 209 | 216 | 145 | 143 | 143 | 207 | 199 | 203 | 242 | 231 | 237 |
| **12** | 224 | 220 | 223 | 148 | 144 | 144 | 209 | 203 | 205 | 236 | 224 | 231 |
| **13** | 223 | 219 | 221 | 168 | 148 | 160 | 210 | 204 | 207 | 235 | 224 | 231 |
| **14** | 222 | 218 | 221 | 186 | 162 | 173 | 208 | 205 | 206 | 236 | 231 | 233 |
| **15** | 222 | 219 | 221 | 184 | 176 | 181 | 222 | 207 | 211 | 239 | 228 | 232 |
| **16** | 222 | 215 | 218 | 190 | 180 | 184 | 216 | 207 | 212 | 229 | 224 | 226 |
| **17** | 224 | 214 | 217 | 191 | 175 | 185 | 213 | 209 | 211 | 224 | 219 | 222 |
| **18** | 232 | 217 | 223 | 185 | 178 | 181 | 213 | 210 | 211 | 223 | 209 | 215 |
| **19** | 234 | 200 | 225 | 186 | 177 | 181 | 214 | 211 | 212 | 213 | 204 | 209 |
| **20** | 205 | 192 | 199 | 187 | 182 | 185 | 217 | 214 | 215 | 230 | 204 | 215 |
| **21** | 202 | 145 | 167 | 188 | 185 | 186 | 218 | 215 | 216 | 224 | 219 | 222 |
| **22** | 145 | 140 | 141 | 188 | 187 | 187 | 220 | 217 | 218 | 221 | 220 | 220 |
| **23** | 143 | 140 | 142 | 192 | 188 | 190 | 218 | 217 | 217 | 221 | 219 | 221 |
| **24** | 155 | 141 | 152 | 191 | 183 | 187 | 218 | 217 | 218 | 222 | 220 | 221 |
| **25** | 156 | 148 | 152 | 191 | 186 | 188 | 227 | 217 | 221 | 222 | 218 | 221 |
| **26** | 150 | 134 | 143 | 193 | 188 | 189 | 226 | 221 | 224 | 223 | 219 | 221 |
| **27** | 146 | 134 | 141 | 196 | 189 | 193 | 233 | 226 | 230 | 223 | 218 | 221 |
| **28** | 145 | 140 | 142 | 198 | 191 | 194 | 237 | 230 | 233 | 223 | 218 | 220 |
| **29** | 144 | 140 | 141 | 197 | 194 | 196 | 234 | 231 | 233 | 219 | 215 | 216 |
| **30** | --- | --- | --- | 197 | 195 | 197 | 232 | 229 | 231 | 227 | 215 | 219 |
| **31** | --- | --- | --- | 198 | 196 | 197 | --- | --- | --- | 224 | 220 | 222 |
| **Month** | --- | --- | --- | 198 | 139 | 169 | 237 | 195 | 211 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 225 | 223 | 223 | 243 | 235 | 239 | 280 | 272 | 276 | 286 | 276 | 281 |
| **2** | 228 | 224 | 226 | 241 | 233 | 238 | 277 | 273 | 275 | 284 | 277 | 281 |
| **3** | 229 | 226 | 228 | 242 | 231 | 238 | --- | --- | --- | 285 | 279 | 282 |
| **4** | 231 | 221 | 226 | 242 | 232 | 237 | --- | --- | --- | 287 | 282 | 284 |
| **5** | 222 | 221 | 221 | 241 | 233 | 239 | --- | --- | --- | 284 | 276 | 281 |
| **6** | 222 | 220 | 221 | 241 | 237 | 239 | --- | --- | --- | 276 | 268 | 272 |
| **7** | 222 | 220 | 221 | 243 | 238 | 240 | --- | --- | --- | 274 | 265 | 270 |
| **8** | 224 | 221 | 222 | 244 | 239 | 241 | --- | --- | --- | 280 | 263 | 271 |
| **9** | 225 | 223 | 224 | 247 | 244 | 245 | --- | --- | --- | 281 | 279 | 280 |
| **10** | 225 | 224 | 224 | 251 | 245 | 247 | --- | --- | --- | 282 | 281 | 282 |
| **11** | 226 | 224 | 225 | 306 | 246 | 264 | --- | --- | --- | --- | --- | --- |
| **12** | 225 | 223 | 224 | 258 | 250 | 255 | --- | --- | --- | --- | --- | --- |
| **13** | 228 | 223 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 227 | 224 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 227 | 224 | 226 | --- | --- | --- | 287 | 285 | 286 | --- | --- | --- |
| **16** | 230 | 225 | 227 | 269 | 261 | 264 | 286 | 284 | 285 | --- | --- | --- |
| **17** | 233 | 226 | 229 | 272 | 260 | 266 | 292 | 286 | 288 | 80 | 74 | 78 |
| **18** | 234 | 230 | 231 | 270 | 264 | 267 | 294 | 286 | 288 | 78 | 67 | 74 |
| **19** | 235 | 231 | 234 | 271 | 263 | 266 | 288 | 285 | 286 | 76 | 64 | 70 |
| **20** | 236 | 233 | 234 | 276 | 265 | 270 | 284 | 282 | 283 | 76 | 67 | 72 |
| **21** | 235 | 232 | 234 | 280 | 268 | 272 | 284 | 282 | 283 | 76 | 70 | 74 |
| **22** | 236 | 233 | 234 | 280 | 262 | 269 | 288 | 284 | 286 | 91 | 70 | 77 |
| **23** | 244 | 236 | 240 | 272 | 266 | 269 | 290 | 287 | 288 | 93 | 74 | 80 |
| **24** | 241 | 232 | 235 | 273 | 263 | 267 | 293 | 288 | 290 | 95 | 82 | 88 |
| **25** | 235 | 231 | 233 | 265 | 262 | 263 | 292 | 282 | 291 | 125 | 88 | 106 |
| **26** | 235 | 232 | 233 | 263 | 260 | 261 | --- | 287 | --- | 126 | 101 | 117 |
| **27** | --- | --- | --- | 267 | 260 | 263 | --- | 284 | --- | 129 | 118 | 123 |
| **28** | --- | --- | --- | 400 | 260 | 298 | 288 | 281 | 285 | 127 | 120 | 125 |
| **29** | 242 | 236 | 238 | 271 | 262 | 266 | 289 | 282 | 285 | 129 | 122 | 126 |
| **30** | 241 | 238 | 240 | 273 | 267 | 270 | 285 | 279 | 282 | 127 | 117 | 122 |
| **31** | --- | --- | --- | 276 | 270 | 274 | 288 | 280 | 283 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.8 | 8.2 | 6.7 | 6.6 | 7.2 | 7.1 | 7.6 | 7.5 | 7.3 | 7.2 | 7.4 | 7.3 |
| **2** | 8.9 | 8.2 | 6.9 | 6.7 | 7.3 | 7.1 | 7.8 | 7.5 | 7.3 | 7.2 | 7.3 | 7.2 |
| **3** | 8.8 | 8.2 | 7.0 | 6.9 | 7.3 | 7.0 | 7.8 | 7.7 | 7.2 | 7.2 | 7.4 | 7.2 |
| **4** | 8.8 | 8.2 | 6.9 | 6.9 | 7.3 | 7.0 | 7.7 | 7.6 | 7.2 | 7.1 | 7.4 | 7.3 |
| **5** | 8.4 | 8.1 | 6.9 | 6.9 | 7.2 | 7.1 | 7.7 | 7.6 | 7.2 | 7.1 | 7.5 | 7.3 |
| **6** | 9.4 | 8.3 | 6.9 | 6.9 | 7.1 | 7.1 | 7.7 | 7.6 | 7.3 | 7.1 | 7.5 | 7.3 |
| **7** | --- | --- | 7.0 | 6.9 | 7.3 | 7.1 | 7.6 | 7.5 | 7.2 | 7.1 | 7.5 | 7.3 |
| **8** | --- | --- | 7.0 | 6.8 | 7.3 | 7.1 | 7.6 | 7.5 | 7.3 | 7.1 | 7.6 | 7.3 |
| **9** | --- | --- | 7.0 | 6.9 | 7.2 | 7.1 | 7.5 | 7.4 | 7.3 | 7.1 | 7.5 | 7.3 |
| **10** | --- | --- | 7.0 | 7.0 | 7.1 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 | 7.4 | 7.3 |
| **11** | --- | --- | 7.1 | 7.0 | 7.1 | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 | 7.4 | 7.2 |
| **12** | --- | --- | 7.2 | 7.1 | 7.4 | 7.0 | 7.4 | 7.4 | 7.2 | 7.2 | 7.4 | 7.3 |
| **13** | 8.7 | 8.0 | 7.2 | 7.1 | 7.4 | 7.3 | 7.4 | 7.4 | 7.2 | 7.2 | 7.4 | 7.3 |
| **14** | 8.9 | 8.2 | 7.2 | 7.0 | 7.6 | 7.3 | 7.5 | 7.3 | 7.3 | 7.2 | 7.4 | 7.2 |
| **15** | 8.9 | 8.4 | 7.3 | 7.1 | 7.6 | 7.3 | 7.5 | 7.4 | 7.3 | 7.3 | 8.7 | 7.3 |
| **16** | 8.4 | 8.0 | 7.3 | 7.0 | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 8.1 | 7.5 |
| **17** | 8.0 | 7.1 | 7.1 | 7.1 | 7.6 | 7.4 | 7.5 | 7.5 | 7.4 | 7.3 | 7.5 | 7.3 |
| **18** | 7.1 | 6.8 | 7.2 | 7.1 | 7.7 | 7.4 | 7.5 | 7.2 | 7.5 | 7.3 | 7.3 | 7.0 |
| **19** | 6.9 | 6.8 | 7.2 | 7.1 | 7.6 | 7.4 | 7.2 | 7.2 | 7.4 | 7.4 | 7.1 | 7.1 |
| **20** | 6.9 | 6.8 | 7.4 | 6.8 | 7.6 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.1 | 7.0 |
| **21** | 6.9 | 6.7 | 7.1 | 7.0 | 7.5 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.2 | 7.1 |
| **22** | 6.8 | 6.6 | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.2 | 7.1 |
| **23** | 6.9 | 6.7 | 7.1 | 7.0 | 7.5 | 7.4 | 7.4 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 |
| **24** | 6.9 | 6.8 | 7.1 | 7.0 | 7.6 | 7.4 | 7.4 | 7.1 | 7.5 | 7.3 | 7.2 | 7.1 |
| **25** | 6.9 | 6.8 | 7.2 | 7.1 | 7.6 | 7.4 | 7.5 | 7.1 | 7.5 | 7.3 | 7.2 | 7.1 |
| **26** | 6.9 | 6.8 | 7.2 | 7.1 | 7.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| **27** | 6.9 | 6.8 | 7.1 | 7.0 | 7.5 | 7.4 | 7.4 | 7.3 | 7.4 | 7.3 | 7.2 | 7.2 |
| **28** | 7.0 | 6.9 | 7.0 | 6.9 | 7.5 | 7.4 | 7.3 | 7.2 | 7.5 | 7.4 | 7.2 | 7.2 |
| **29** | 6.9 | 6.8 | 7.0 | 7.0 | 7.6 | 7.5 | 7.3 | 7.3 | --- | --- | 7.3 | 7.1 |
| **30** | 6.8 | 6.7 | 7.1 | 7.0 | 7.6 | 7.5 | 7.4 | 7.3 | --- | --- | 7.3 | 7.2 |
| **31** | 6.7 | 6.6 | --- | --- | 7.5 | 7.5 | 7.3 | 7.2 | --- | --- | 7.4 | 7.3 |
| **Month** | --- | --- | 7.4 | 6.6 | 7.7 | 7.0 | 7.8 | 7.1 | 7.5 | 7.1 | 8.7 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.4 | 7.3 | 7.7 | 7.4 | 8.9 | 8.7 | 8.5 | 7.7 | 7.9 | 7.0 | 8.6 | 7.7 |
| **2** | 7.5 | 7.4 | 7.5 | 7.3 | 8.8 | 8.8 | 7.8 | 7.3 | 8.2 | 7.3 | 8.8 | 7.9 |
| **3** | 7.6 | 7.1 | 7.5 | 7.4 | 8.8 | 8.7 | 8.1 | 7.3 | 9.6 | 7.5 | 8.5 | 7.5 |
| **4** | 7.2 | 7.0 | 7.7 | 7.3 | 8.9 | 7.3 | 7.8 | 7.5 | 9.0 | 8.2 | 8.6 | 7.6 |
| **5** | 7.5 | 7.0 | 7.5 | 7.4 | 8.1 | 7.6 | 8.2 | 7.6 | 8.3 | 7.3 | 8.2 | 7.7 |
| **6** | 7.6 | 7.3 | 7.4 | 7.2 | 8.3 | 7.2 | 7.9 | 7.5 | 8.0 | 7.6 | 8.4 | 7.7 |
| **7** | 7.4 | 7.3 | 7.3 | 7.1 | 8.3 | 7.3 | 8.1 | 7.4 | 8.0 | 7.3 | 8.6 | 7.8 |
| **8** | 7.5 | 7.4 | 7.3 | 7.1 | 7.4 | 7.2 | 7.8 | 7.6 | 7.9 | 7.5 | 9.1 | 8.2 |
| **9** | 7.5 | 7.4 | 7.4 | 7.0 | 7.7 | 7.3 | 8.1 | 7.8 | 7.8 | 7.5 | 9.1 | 8.6 |
| **10** | 7.4 | 7.2 | 7.4 | 6.9 | 8.1 | 7.2 | 8.0 | 7.7 | 7.5 | 7.0 | 9.3 | 8.5 |
| **11** | 7.4 | 7.3 | 7.8 | 7.0 | 8.5 | 7.2 | 8.5 | 7.8 | 7.9 | 6.9 | 9.2 | 8.2 |
| **12** | 7.4 | 7.2 | 7.4 | 6.9 | 8.7 | 7.4 | 8.2 | 7.9 | 7.9 | 7.3 | 8.7 | 7.9 |
| **13** | 7.4 | 7.3 | 7.1 | 6.7 | 8.3 | 7.1 | 8.1 | 7.4 | 7.8 | 7.3 | 8.3 | 7.7 |
| **14** | 7.5 | 7.3 | 7.8 | 6.8 | 8.2 | 7.8 | 7.7 | 7.2 | 7.6 | 7.4 | 9.0 | 8.1 |
| **15** | 7.5 | 7.4 | 7.8 | 7.0 | 7.8 | 7.5 | 7.6 | 7.1 | 7.7 | 7.4 | 9.2 | 8.9 |
| **16** | 7.4 | 7.2 | 7.4 | 6.8 | 7.6 | 7.5 | 7.8 | 7.1 | 7.7 | 7.6 | 9.3 | 8.5 |
| **17** | 7.5 | 7.4 | 7.4 | 7.2 | 7.5 | 7.4 | 7.8 | 7.1 | 7.8 | 7.5 | 9.1 | 8.8 |
| **18** | 7.5 | 7.4 | 8.3 | 7.3 | 7.6 | 7.3 | 7.8 | 7.2 | 8.0 | 7.6 | 9.0 | 8.6 |
| **19** | --- | --- | 8.5 | 7.6 | 7.5 | 7.2 | 7.8 | 7.3 | 8.0 | 7.8 | 9.2 | 8.7 |
| **20** | --- | --- | 8.1 | 7.7 | 7.8 | 7.3 | 7.8 | 7.0 | 8.2 | 8.0 | 9.2 | 8.8 |
| **21** | --- | --- | 7.9 | 7.7 | 8.2 | 7.4 | 8.1 | 7.0 | 8.5 | 8.1 | 9.4 | 8.5 |
| **22** | --- | --- | 7.9 | 7.6 | 8.2 | 7.4 | 8.5 | 7.1 | 8.4 | 7.8 | 9.4 | 8.5 |
| **23** | --- | --- | 8.0 | 7.8 | 7.7 | 6.9 | 8.8 | 6.9 | 8.0 | 7.6 | 9.4 | 8.7 |
| **24** | 7.5 | 7.4 | 8.1 | 7.9 | 7.2 | 6.9 | 8.8 | 7.2 | 7.8 | 7.5 | 9.3 | 8.6 |
| **25** | 7.5 | 7.3 | 8.2 | 8.0 | 7.2 | 7.0 | 8.8 | 7.5 | 7.7 | 7.3 | 9.1 | 8.8 |
| **26** | 7.4 | 7.2 | 8.2 | 8.1 | 7.3 | 6.9 | 8.4 | 7.7 | 7.9 | 7.3 | 9.1 | 8.1 |
| **27** | 7.6 | 7.4 | 8.4 | 8.1 | 7.6 | 7.2 | 7.9 | 7.4 | 8.4 | 7.8 | 9.0 | 8.6 |
| **28** | 7.6 | 7.0 | 8.4 | 8.3 | 8.0 | 7.4 | 7.7 | 7.0 | 8.9 | 7.9 | 8.8 | 8.3 |
| **29** | 8.3 | 7.2 | 8.7 | 8.3 | 8.3 | 7.6 | 7.6 | 7.2 | 8.6 | 7.7 | 8.8 | 7.9 |
| **30** | 7.7 | 7.2 | 8.8 | 8.6 | 8.4 | 7.4 | 7.9 | 7.2 | 8.8 | 7.5 | 8.6 | 8.0 |
| **31** | --- | --- | 8.9 | 8.7 | --- | --- | 7.9 | 7.2 | 8.4 | 7.5 | --- | --- |
| **Month** | --- | --- | 8.9 | 6.7 | 8.9 | 6.9 | 8.8 | 6.9 | 9.6 | 6.9 | 9.4 | 7.5 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.5 | 7.7 | 9.4 | 8.8 | 8.8 | 8.3 | 8.0 | 7.8 | 7.8 | 7.6 | 7.3 | 7.2 |
| **2** | 8.8 | 7.8 | 9.3 | 8.1 | 8.3 | 7.5 | 8.0 | 7.9 | 7.7 | 7.6 | 7.3 | 7.3 |
| **3** | 8.8 | 7.7 | 9.8 | 9.0 | 7.6 | 7.5 | 8.0 | 7.9 | 7.7 | 7.5 | 7.4 | 7.3 |
| **4** | 9.2 | 7.9 | 9.5 | 8.8 | 7.6 | 7.4 | 8.0 | 7.9 | 7.6 | 7.5 | 7.4 | 7.3 |
| **5** | 9.1 | 8.4 | 9.5 | 7.6 | 7.6 | 7.3 | 8.0 | 7.9 | 7.5 | 7.4 | 7.4 | 7.3 |
| **6** | 8.8 | 8.0 | 9.2 | 8.8 | 7.6 | 7.4 | 7.9 | 7.8 | 7.6 | 7.4 | 7.4 | 7.4 |
| **7** | 8.9 | 8.5 | 9.1 | 8.5 | 7.8 | 7.2 | 7.9 | 7.8 | --- | 7.4 | 7.5 | 7.4 |
| **8** | 9.1 | 8.3 | 8.6 | 8.3 | 7.9 | 7.7 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 |
| **9** | 8.9 | 8.4 | 8.8 | 8.3 | 7.9 | 7.8 | 8.1 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 |
| **10** | 9.0 | 8.3 | 8.6 | 8.0 | 8.2 | 7.8 | 7.8 | 7.7 | 8.4 | 7.6 | 7.5 | 7.4 |
| **11** | 9.2 | 8.3 | 8.7 | 8.4 | 7.9 | 7.7 | 7.9 | 7.7 | 8.3 | 7.9 | 7.5 | 7.4 |
| **12** | 9.2 | 8.7 | 9.1 | 8.2 | 7.8 | 7.2 | 7.9 | 7.8 | 7.9 | 7.6 | 7.5 | 7.4 |
| **13** | 9.0 | 8.7 | 9.0 | 8.2 | 7.8 | 7.7 | 7.9 | 7.8 | 8.0 | 7.6 | 7.5 | 7.4 |
| **14** | 8.7 | 8.3 | 8.7 | 7.8 | 7.8 | 7.7 | 8.5 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 |
| **15** | 8.4 | 8.1 | 8.3 | 7.8 | 7.8 | 7.6 | 8.3 | 8.0 | 7.8 | 7.6 | 7.6 | 7.4 |
| **16** | 9.0 | 8.0 | 8.6 | 8.0 | 7.9 | 7.8 | 8.3 | 7.9 | 7.8 | 7.6 | 7.7 | 7.5 |
| **17** | 8.9 | 8.5 | 8.7 | 8.3 | 7.9 | 7.8 | 8.1 | 7.9 | 7.7 | 7.5 | 7.7 | 7.6 |
| **18** | 8.6 | 8.1 | 9.0 | 8.2 | 8.0 | 7.8 | 8.0 | 7.8 | 7.6 | 7.6 | 7.7 | 7.6 |
| **19** | 9.2 | 8.1 | 9.1 | 8.5 | 7.9 | 7.8 | 8.0 | 7.8 | 7.6 | 7.3 | 7.7 | 7.6 |
| **20** | 9.0 | 8.2 | 8.9 | 8.6 | 7.9 | 7.7 | 8.1 | 7.9 | 7.4 | 7.2 | 7.9 | 7.6 |
| **21** | 8.8 | 8.6 | 8.8 | 8.0 | 7.9 | 7.8 | 8.2 | 7.9 | 7.4 | 7.0 | 7.9 | 7.7 |
| **22** | 8.7 | 8.2 | 8.1 | 7.9 | 8.0 | 7.8 | 8.5 | 7.9 | 7.0 | 7.0 | 8.5 | 7.7 |
| **23** | 8.4 | 8.0 | 8.0 | 7.9 | 8.3 | 7.9 | 8.1 | 8.0 | 7.1 | 6.9 | 8.4 | 7.8 |
| **24** | 8.4 | 8.0 | 8.0 | 7.8 | 8.6 | 7.9 | 8.1 | 8.0 | 7.1 | 7.0 | 8.5 | 7.6 |
| **25** | 8.6 | 8.2 | 7.8 | 7.8 | 8.6 | 8.3 | 8.0 | 7.8 | 7.0 | 7.0 | 8.2 | 7.8 |
| **26** | 9.2 | 8.3 | 7.8 | 7.7 | 8.5 | 7.9 | 8.0 | 7.7 | 7.1 | 6.9 | 7.9 | 7.7 |
| **27** | 8.9 | 8.6 | 7.8 | 7.7 | 8.0 | 7.9 | 8.4 | 7.9 | 7.4 | 7.0 | 7.9 | 7.7 |
| **28** | 9.0 | 8.4 | 7.8 | 7.6 | 8.0 | 7.8 | 8.0 | 7.8 | 7.3 | 7.3 | 7.9 | 7.7 |
| **29** | 9.0 | 8.3 | 8.5 | 7.7 | 8.0 | 7.8 | 7.8 | 7.7 | 7.3 | 7.3 | 8.1 | 7.7 |
| **30** | 9.2 | 8.5 | 9.3 | 7.8 | 8.1 | 7.8 | 7.7 | 7.5 | --- | --- | 8.1 | 7.9 |
| **31** | 9.1 | 8.4 | --- | --- | 8.0 | 7.8 | 7.8 | 7.6 | --- | --- | 7.9 | 7.6 |
| **Month** | 9.2 | 7.7 | 9.8 | 7.6 | 8.8 | 7.2 | 8.5 | 7.5 | --- | 6.9 | 8.5 | 7.2 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 8.1 | 7.6 | 8.8 | 8.4 | 9.2 | 8.5 | 9.3 | 8.8 | 8.9 | 8.2 | 8.9 | 8.1 |
| **2** | 7.9 | 7.6 | 8.7 | 8.3 | 9.0 | 8.1 | 9.2 | 7.8 | 9.1 | 8.2 | 8.5 | 8.1 |
| **3** | 8.0 | 7.7 | 8.7 | 8.4 | 8.9 | 8.0 | 9.3 | 8.5 | --- | --- | 8.8 | 8.3 |
| **4** | 7.7 | 7.5 | 9.1 | 8.4 | 8.3 | 8.0 | 9.2 | 7.9 | --- | --- | 9.0 | 8.4 |
| **5** | 7.7 | 7.5 | 9.0 | 8.2 | 8.1 | 7.8 | 8.7 | 7.8 | --- | --- | 9.4 | 8.3 |
| **6** | 8.4 | 7.6 | 8.2 | 8.0 | 8.2 | 7.8 | 9.3 | 7.9 | --- | --- | 9.6 | 8.6 |
| **7** | 8.6 | 7.8 | 8.2 | 7.9 | 8.4 | 7.8 | 9.4 | 8.6 | --- | --- | 9.4 | 8.8 |
| **8** | 8.3 | 7.8 | 8.3 | 7.7 | 8.7 | 8.3 | 9.5 | 9.1 | --- | --- | --- | --- |
| **9** | 8.1 | 7.6 | 8.4 | 7.8 | 8.7 | 8.2 | 9.3 | 8.4 | --- | --- | --- | --- |
| **10** | 7.7 | 7.6 | 8.7 | 8.2 | 8.6 | 8.1 | 8.6 | 7.2 | --- | --- | --- | --- |
| **11** | 7.6 | 7.5 | 8.5 | 7.9 | 8.6 | 8.0 | 8.1 | 7.0 | --- | --- | --- | --- |
| **12** | 7.7 | 7.5 | 8.4 | 7.9 | 8.6 | 8.0 | 8.3 | 7.0 | --- | --- | --- | --- |
| **13** | 7.8 | 7.6 | 8.0 | 7.8 | 8.5 | 7.8 | --- | --- | --- | --- | --- | --- |
| **14** | 8.0 | 7.6 | 7.8 | 7.6 | 8.7 | 7.8 | --- | --- | --- | --- | --- | --- |
| **15** | 8.5 | 7.8 | 7.7 | 7.4 | 8.8 | 8.0 | --- | --- | 9.3 | 8.1 | --- | --- |
| **16** | 8.5 | 8.1 | 8.8 | 7.5 | 8.9 | 8.1 | 9.3 | 8.4 | 9.0 | 8.8 | --- | --- |
| **17** | 8.3 | 8.0 | 9.2 | 8.7 | 9.1 | 8.1 | 9.3 | 8.6 | 9.3 | 8.4 | 6.6 | 6.6 |
| **18** | 8.3 | 8.0 | 9.0 | 8.3 | 9.0 | 7.6 | 9.4 | 8.0 | 9.0 | 8.6 | 6.6 | 6.5 |
| **19** | 8.3 | 8.0 | 8.4 | 8.1 | 9.3 | 7.5 | 9.4 | 8.0 | 8.6 | --- | 6.7 | 6.4 |
| **20** | 8.8 | 8.1 | 9.0 | 7.9 | 9.2 | 8.1 | 8.9 | 7.9 | 8.6 | --- | 6.7 | 6.6 |
| **21** | 8.7 | 8.2 | 9.0 | 7.8 | 9.0 | 7.6 | 9.4 | 7.8 | 8.8 | 8.1 | 6.7 | 6.6 |
| **22** | 9.0 | 8.4 | 9.0 | 8.6 | 9.3 | 8.3 | 9.1 | 8.0 | 9.0 | 8.2 | 6.9 | 6.6 |
| **23** | 9.0 | 8.2 | 8.8 | 8.4 | 9.0 | 8.2 | 9.0 | 8.7 | 9.4 | 8.6 | 6.9 | 6.7 |
| **24** | 8.9 | 8.3 | 9.0 | 8.3 | 8.7 | 7.8 | 8.8 | 8.1 | 9.5 | 9.0 | 7.0 | 6.8 |
| **25** | 8.5 | 8.1 | 9.0 | 8.6 | 8.3 | 7.6 | 8.9 | 8.0 | 9.3 | 7.1 | 7.3 | 7.0 |
| **26** | 8.8 | 8.1 | 9.0 | 8.7 | 8.2 | 7.5 | 8.9 | 7.2 | --- | --- | 7.2 | 7.1 |
| **27** | 8.7 | 8.1 | 8.8 | 8.4 | --- | --- | 9.1 | 7.4 | --- | --- | 7.7 | 7.1 |
| **28** | 8.8 | 8.0 | 9.3 | 8.4 | --- | --- | 8.8 | 6.7 | 9.3 | 8.2 | 7.4 | 6.9 |
| **29** | 8.9 | 8.3 | 9.2 | 8.6 | 8.6 | 7.7 | 6.9 | 6.8 | 9.9 | 8.9 | 7.1 | 6.8 |
| **30** | 8.9 | 8.7 | 9.0 | 8.2 | 9.1 | 7.9 | 7.0 | 6.7 | 9.7 | 9.2 | 6.9 | 6.7 |
| **31** | --- | --- | 9.2 | 8.5 | --- | --- | 8.2 | 6.8 | 9.2 | 8.9 | --- | --- |
| **Month** | 9.0 | 7.5 | 9.3 | 7.4 | --- | --- | --- | --- | --- | --- | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 9.2 | 7.7 | 8.3 | 6.2 | 5.9 | 6.0 | --- | --- | --- | 10.0 | 9.5 | 9.8 |
| **2** | 9.6 | 8.0 | 8.8 | 7.4 | 6.2 | 6.9 | --- | --- | --- | 10.6 | 9.5 | 9.9 |
| **3** | 10.0 | 8.0 | 9.0 | 8.0 | 7.2 | 7.6 | --- | --- | --- | 10.1 | 9.4 | 9.7 |
| **4** | 11.4 | 8.4 | 9.6 | 7.6 | 7.2 | 7.4 | --- | --- | --- | 9.6 | 9.0 | 9.3 |
| **5** | 11.8 | 7.1 | 9.3 | 7.6 | 7.2 | 7.4 | --- | --- | --- | 10.0 | 9.3 | 9.6 |
| **6** | 11.8 | 8.8 | 9.9 | 7.6 | 7.1 | 7.3 | --- | --- | --- | 10.1 | 9.6 | 9.8 |
| **7** | --- | --- | --- | 7.6 | 7.0 | 7.2 | --- | --- | --- | 9.7 | 9.1 | 9.3 |
| **8** | --- | --- | --- | 7.2 | 6.4 | 6.7 | --- | --- | --- | 9.6 | 8.6 | 9.1 |
| **9** | --- | --- | --- | 7.3 | 6.9 | 7.1 | --- | --- | --- | 9.2 | 8.8 | 9.0 |
| **10** | --- | --- | --- | 7.3 | 6.8 | 7.1 | --- | --- | --- | 9.0 | 8.5 | 8.8 |
| **11** | --- | --- | --- | 7.6 | 6.8 | 7.3 | --- | --- | --- | 9.3 | 8.9 | 9.1 |
| **12** | --- | --- | --- | 8.0 | 7.4 | 7.7 | --- | --- | --- | 9.3 | 9.1 | 9.2 |
| **13** | 8.6 | 6.0 | 7.1 | 8.3 | 7.6 | 7.9 | 9.9 | 9.5 | 9.7 | 9.5 | 9.2 | 9.3 |
| **14** | 9.8 | 7.0 | 8.0 | 8.2 | 6.6 | 7.4 | 10.3 | 9.4 | 10 | 9.6 | 9.1 | 9.3 |
| **15** | 9.4 | 8.0 | 8.6 | 8.2 | 7.1 | 7.6 | 10.4 | 9.5 | 10.1 | 9.3 | 8.8 | 9.0 |
| **16** | 8.1 | 7.1 | 7.6 | 8.3 | 7.6 | 8.0 | 10.3 | 9.9 | 10.1 | 9.7 | 8.9 | 9.3 |
| **17** | 7.3 | 5.2 | 6.5 | 7.7 | 6.1 | 6.5 | 10.2 | 9.3 | 9.7 | 9.5 | 9.1 | 9.4 |
| **18** | 5.6 | 4.1 | 4.7 | 6.2 | 5.6 | 5.9 | 9.7 | 8.5 | 9.3 | 9.8 | 9.0 | 9.6 |
| **19** | 5.3 | 4.4 | 4.8 | 5.8 | 5.3 | 5.6 | --- | --- | --- | 10.1 | 9.8 | 10 |
| **20** | 5.4 | 4.2 | 5.0 | 6.7 | 5.7 | 6.3 | --- | --- | --- | 10.6 | 9.9 | 10.3 |
| **21** | 5.4 | 4.7 | 5.1 | 8.2 | 6.5 | 7.7 | --- | --- | --- | 10.9 | 10.2 | 10.5 |
| **22** | 5.8 | 4.6 | 5.2 | 9.1 | 8.0 | 8.5 | --- | --- | --- | 10.8 | 10.2 | 10.6 |
| **23** | 6.4 | 5.6 | 5.9 | 10.5 | 8.5 | 9.7 | --- | --- | --- | 10.7 | 9.0 | 10.2 |
| **24** | 6.4 | 5.4 | 5.9 | 9.9 | 9.4 | 9.7 | --- | --- | --- | 10.6 | 8.2 | 9.6 |
| **25** | 6.3 | 6.0 | 6.1 | 10.9 | 9.9 | 10.4 | --- | --- | --- | 11.6 | 8.7 | 10.5 |
| **26** | 6.5 | 6.0 | 6.2 | 10.8 | 10.2 | 10.5 | --- | --- | --- | 11.4 | 11.1 | 11.3 |
| **27** | 6.5 | 6.2 | 6.4 | --- | --- | --- | 10.5 | 10.2 | 10.4 | 11.3 | 11.1 | 11.2 |
| **28** | 6.9 | 6.1 | 6.5 | --- | --- | --- | 10.6 | 10.1 | 10.3 | 11.2 | 10.9 | 11.0 |
| **29** | 6.5 | 5.9 | 6.2 | --- | --- | --- | 10.9 | 10.4 | 10.5 | 11.2 | 10.8 | 11.0 |
| **30** | 6.4 | 5.9 | 6.2 | --- | --- | --- | 10.6 | 10.1 | 10.3 | 11.1 | 11.0 | 11.0 |
| **31** | 6.2 | 5.8 | 6.0 | --- | --- | --- | 10.1 | 9.8 | 10 | 11.0 | 10.8 | 10.9 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.6 | 8.2 | 9.9 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.0 | 10.8 | 10.9 | 10.1 | 9.6 | 9.8 | 7.3 | 6.0 | 6.6 | 8.0 | 7.4 | 7.6 |
| **2** | 10.9 | 10.7 | 10.8 | 9.7 | 9.5 | 9.6 | 7.2 | 6.2 | 6.8 | 7.6 | 6.8 | 7.2 |
| **3** | 11.0 | 10.6 | 10.8 | 9.9 | 9.5 | 9.8 | 6.7 | 4.8 | 5.8 | 7.5 | 6.9 | 7.3 |
| **4** | 11.6 | 10.9 | 11.2 | 10.2 | 9.4 | 9.8 | 5.4 | 4.4 | 5.0 | 8.6 | 6.8 | 7.4 |
| **5** | 11.5 | 11.2 | 11.3 | 10.2 | 9.7 | 9.9 | --- | --- | --- | 7.4 | 6.8 | 7.2 |
| **6** | 11.6 | 10.9 | 11.2 | 10.3 | 9.6 | 10.0 | 7.3 | 6.1 | 6.6 | 6.9 | 6.4 | 6.7 |
| **7** | 11.4 | 10.7 | 11.2 | 10.1 | 9.5 | 9.7 | 6.9 | 6.2 | 6.6 | 7.1 | 6.2 | 6.7 |
| **8** | 11.6 | 10.8 | 11.3 | 10.2 | 9.5 | 9.7 | 7.4 | 6.7 | 7.1 | 7.0 | 5.9 | 6.5 |
| **9** | 11.6 | 10.9 | 11.1 | 9.9 | 9.4 | 9.6 | 7.7 | 6.7 | 7.2 | 7.8 | 5.9 | 7.0 |
| **10** | 11.1 | 10.8 | 10.9 | 10.0 | 9.3 | 9.5 | 7.6 | 6.5 | 7.3 | 7.6 | 5.8 | 6.5 |
| **11** | 11.1 | 10.8 | 10.9 | 9.7 | 8.9 | 9.4 | 7.6 | 6.0 | 7.2 | 9.2 | 5.8 | 6.9 |
| **12** | 11.4 | 10.8 | 11.1 | 9.7 | 9.4 | 9.6 | 7.6 | 6.1 | 7.2 | 9.0 | 6.6 | 7.5 |
| **13** | 11.4 | 11.0 | 11.1 | 9.7 | 9.4 | 9.5 | 7.6 | 6.8 | 7.4 | 8.3 | 5.6 | 6.6 |
| **14** | 11.2 | 10.9 | 11.1 | 9.7 | 9.1 | 9.4 | 7.6 | 6.3 | 7.2 | 8.2 | 5.6 | 6.3 |
| **15** | 11.4 | 11.1 | 11.3 | 10.5 | 8.9 | 9.5 | 7.8 | 6.1 | 6.8 | 8.1 | 5.5 | 6.8 |
| **16** | 11.6 | 11.2 | 11.4 | 9.8 | 8.8 | 9.2 | 7.7 | 5.6 | 6.9 | 6.7 | 4.6 | 5.7 |
| **17** | 11.7 | 11.1 | 11.4 | 9.1 | 8.4 | 8.7 | 7.7 | 6.4 | 7.3 | 6.0 | 4.2 | 5.2 |
| **18** | 11.8 | 11.4 | 11.6 | 8.6 | 7.8 | 8.0 | 7.7 | 6.2 | 7.1 | 8.9 | 5.3 | 6.5 |
| **19** | 11.7 | 11.5 | 11.6 | 8.0 | 7.8 | 7.9 | --- | --- | --- | 9.4 | 6.3 | 7.5 |
| **20** | 11.5 | 11.1 | 11.3 | 7.9 | 7.7 | 7.8 | --- | --- | --- | 8.5 | 6.3 | 7.3 |
| **21** | 11.2 | 10.6 | 10.9 | 8.0 | 7.7 | 7.8 | --- | --- | --- | 7.0 | 6.1 | 6.6 |
| **22** | 10.9 | 10.6 | 10.7 | 7.8 | 7.4 | 7.6 | --- | --- | --- | 7.2 | 5.6 | 6.4 |
| **23** | 11.1 | 10.6 | 10.9 | 7.6 | 7.4 | 7.5 | --- | --- | --- | 7.4 | 6.2 | 6.6 |
| **24** | 10.9 | 10.2 | 10.5 | 7.5 | 7.1 | 7.3 | 7.8 | 7.6 | 7.8 | 7.6 | 6.2 | 6.5 |
| **25** | 10.3 | 10.0 | 10.3 | 7.1 | 6.4 | 6.7 | 7.8 | 7.4 | 7.6 | 7.2 | 6.6 | 6.9 |
| **26** | 10.2 | 10.0 | 10.1 | 6.6 | 6.1 | 6.3 | 7.6 | 7.2 | 7.4 | 7.2 | 6.8 | 7.0 |
| **27** | 10.2 | 10.0 | 10.1 | 6.2 | 5.7 | 5.9 | 8.0 | 7.3 | 7.7 | 7.7 | 6.7 | 7.1 |
| **28** | 10.2 | 10.1 | 10.2 | 5.9 | 5.0 | 5.5 | 8.0 | 7.2 | 7.6 | 7.6 | 6.9 | 7.1 |
| **29** | --- | --- | --- | --- | --- | --- | 10.2 | 6.9 | 8.3 | 9.1 | 6.8 | 7.6 |
| **30** | --- | --- | --- | 7.1 | 6.2 | 6.7 | 8.6 | 7.3 | 7.8 | 9.4 | 7.2 | 8.1 |
| **31** | --- | --- | --- | 7.2 | 6.0 | 6.7 | --- | --- | --- | 10.6 | 7.8 | 8.6 |
| **Month** | 11.8 | 10.0 | 11.0 | --- | --- | --- | --- | --- | --- | 10.6 | 4.2 | 6.9 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 9.5 | 7.6 | 8.6 | 9.3 | 7.2 | 7.9 | 7.1 | 2.6 | 5.9 | 8.3 | 5.7 | 6.7 |
| **2** | 8.8 | 7.2 | 8.0 | 7.4 | 5.8 | 6.6 | 8.5 | 5.6 | 6.9 | 8.9 | 6.4 | 7.3 |
| **3** | 7.2 | 5.0 | 6.0 | 7.8 | 5.5 | 6.7 | 10.5 | 6.5 | 8.4 | 8.2 | 5.0 | 7.2 |
| **4** | 7.4 | 4.6 | 6.1 | 6.8 | 6.3 | 6.6 | 8.6 | 6.5 | 7.3 | 8.2 | 5.7 | 6.6 |
| **5** | 7.5 | 6.0 | 6.8 | 7.9 | 6.1 | 6.7 | 7.4 | 2.3 | 4.6 | 7.3 | 6.1 | 6.7 |
| **6** | 7.3 | 4.0 | 5.5 | 6.8 | 5.2 | 5.7 | 6.9 | 4.2 | 5.7 | 7.6 | 6.0 | 6.7 |
| **7** | 7.3 | 5.2 | 5.7 | 7.6 | 5.0 | 5.5 | 6.9 | 3.1 | 4.6 | 7.8 | 6.1 | 6.7 |
| **8** | 5.7 | 4.6 | 5.2 | 6.7 | 4.8 | 5.6 | 7.7 | 4.1 | 5.5 | 9.8 | 7.0 | 8.3 |
| **9** | 6.9 | 5.1 | 5.6 | 7.7 | 6.4 | 6.9 | 7.2 | 5.3 | 6.0 | 9.7 | 7.8 | 8.6 |
| **10** | 7.7 | 4.4 | 5.7 | 7.4 | 5.7 | 6.4 | 8.4 | 3.6 | 5.1 | 10.5 | 7.4 | 8.7 |
| **11** | 8.2 | 4.5 | 6.0 | 7.9 | 5.6 | 6.3 | 8.9 | 2.0 | 5.7 | 9.8 | 6.5 | 8.2 |
| **12** | 8.2 | 5.3 | 6.5 | 8.2 | 4.9 | 6.0 | 8.0 | 3.8 | 6.7 | 7.3 | 5.7 | 6.6 |
| **13** | 7.0 | 2.8 | 4.5 | 7.5 | 3.3 | 5.9 | 8.6 | 4.9 | 7.0 | 8.7 | 6.3 | 6.8 |
| **14** | 7.0 | 6.2 | 6.5 | 7.7 | 6.8 | 7.2 | 8.6 | 6.0 | 7.4 | 11.2 | 7.4 | 9.1 |
| **15** | 6.5 | 5.4 | 5.8 | 7.6 | 5.5 | 6.2 | 8.0 | 5.7 | 6.8 | 10.9 | 8.2 | 10 |
| **16** | 6.3 | 5.9 | 6.1 | 7.5 | 4.8 | 6.0 | 6.3 | 5.2 | 5.7 | 11.2 | 4.6 | 8.9 |
| **17** | 8.0 | 5.6 | 6.1 | 7.3 | 5.2 | 6.2 | 5.8 | 4.6 | 5.2 | 9.7 | 8.2 | 9.1 |
| **18** | 6.7 | 5.2 | 5.9 | 7.9 | 5.6 | 6.6 | 8.0 | 5.1 | 5.9 | 8.4 | 7.1 | 7.7 |
| **19** | 8.0 | 5.2 | 5.9 | 7.9 | 6.7 | 7.2 | 7.8 | 5.6 | 6.5 | 8.7 | 7.1 | 7.8 |
| **20** | 7.6 | 5.8 | 6.6 | 7.7 | 6.5 | 7.0 | 8.3 | 6.5 | 7.4 | 9.4 | 7.3 | 8.3 |
| **21** | 8.7 | 4.9 | 7.3 | 8.9 | 6.4 | 7.2 | 8.6 | 5.1 | 7.4 | 11.0 | 7.0 | 8.9 |
| **22** | 8.7 | 6.3 | 7.4 | 9.6 | 6.6 | 7.9 | 8.3 | 6.9 | 7.7 | 10.0 | 7.1 | 8.5 |
| **23** | 7.2 | 3.2 | 6.1 | 9.6 | 6.8 | 8.0 | 7.9 | 6.9 | 7.5 | 9.4 | 6.9 | 8.2 |
| **24** | 6.6 | 3.3 | 5.3 | 9.7 | 7.1 | 8.1 | 8.4 | 6.0 | 7.1 | 9.3 | 7.1 | 8.1 |
| **25** | 7.2 | 5.3 | 6.2 | 8.8 | 7.4 | 8.2 | 7.6 | 4.9 | 6.5 | 8.4 | 7.1 | 7.7 |
| **26** | 6.6 | 5.7 | 6.2 | 8.3 | 7.0 | 7.6 | 9.1 | 4.6 | 6.7 | 8.8 | 4.4 | 7.1 |
| **27** | 7.2 | 5.5 | 6.4 | 7.1 | 6.1 | 6.6 | 8.7 | 6.0 | 7.3 | 8.4 | 6.5 | 7.5 |
| **28** | 8.1 | 6.3 | 7.1 | 6.8 | 6.2 | 6.5 | 8.8 | 5.6 | 7.2 | 7.7 | 6.3 | 7.0 |
| **29** | 8.8 | 7.1 | 7.9 | 7.0 | 6.3 | 6.6 | 7.6 | 5.0 | 6.3 | 8.2 | 5.3 | 7.0 |
| **30** | 9.1 | 6.4 | 7.8 | 7.3 | 6.4 | 6.8 | 8.6 | 4.2 | 5.8 | 8.2 | 6.1 | 6.8 |
| **31** | --- | --- | --- | 7.2 | 5.7 | 6.4 | 7.3 | 4.2 | 5.9 | --- | --- | --- |
| **Month** | 9.5 | 2.8 | 6.4 | 9.7 | 3.3 | 6.7 | 10.5 | 2.0 | 6.4 | 11.2 | 4.4 | 7.8 |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 7.9 | 5.3 | 6.6 | 12.3 | 8.9 | 10.5 | 11.5 | 10.0 | 10.7 | 9.4 | 8.5 | 9.0 |
| **2** | 8.8 | 5.2 | 6.9 | 11.9 | 3.7 | 10.0 | 10.0 | 7.9 | 8.7 | 9.8 | 8.6 | 9.3 |
| **3** | 8.7 | 5.1 | 6.6 | 14.2 | 10.5 | 12.1 | 8.8 | 8.1 | 8.6 | 10.0 | 9.3 | 9.6 |
| **4** | 9.8 | 5.7 | 8.2 | 12.2 | 9.8 | 11.1 | 8.6 | 8.2 | 8.4 | 9.9 | 9.3 | 9.7 |
| **5** | 9.1 | 7.1 | 7.8 | 11.8 | 5.4 | 9.9 | 8.7 | 8.0 | 8.3 | 9.9 | 9.0 | 9.4 |
| **6** | 9.1 | 6.1 | 7.1 | 9.4 | 8.1 | 8.7 | 8.9 | 8.1 | 8.5 | 9.6 | 8.6 | 9.2 |
| **7** | 9.1 | 7.4 | 8.2 | 9.5 | 7.8 | 8.6 | 9.5 | 8.4 | 8.7 | 9.4 | 8.2 | 8.9 |
| **8** | 10.1 | 6.9 | 8.1 | 8.0 | 7.3 | 7.7 | 9.4 | 8.5 | 9.0 | 8.9 | 8.1 | 8.6 |
| **9** | 9.0 | 7.4 | 8.2 | 8.6 | 7.2 | 7.8 | 9.2 | 8.6 | 8.9 | 9.2 | 7.9 | 8.6 |
| **10** | 9.3 | 7.2 | 7.8 | 8.2 | 5.1 | 7.5 | 10.0 | 8.0 | 9.0 | 8.5 | 7.5 | 8.1 |
| **11** | 10.0 | 6.2 | 8.1 | 8.4 | 7.6 | 8.1 | 9.1 | 8.1 | 8.7 | 9.1 | 7.5 | 8.1 |
| **12** | 9.7 | 7.7 | 8.7 | 10.7 | 7.3 | 8.8 | 8.7 | --- | --- | 8.9 | 7.6 | 8.2 |
| **13** | 8.7 | 7.5 | 8.0 | 9.8 | 7.2 | 8.8 | 8.6 | 7.2 | 7.9 | 8.9 | 8.0 | 8.3 |
| **14** | 7.5 | 6.8 | 7.2 | 8.9 | 5.5 | 7.2 | 8.4 | 6.8 | 7.9 | 11.2 | 8.0 | 9.4 |
| **15** | 7.4 | 6.6 | 7.0 | 8.6 | 6.5 | 7.8 | 8.4 | 6.8 | 7.8 | 10.6 | 9.9 | 10.3 |
| **16** | 9.4 | 6.4 | 7.4 | 9.4 | 7.2 | 8.8 | 8.9 | 7.5 | 8.1 | 10.6 | 9.5 | 10 |
| **17** | 8.6 | 7.1 | 7.7 | 9.9 | 8.8 | 9.3 | 9.2 | 7.4 | 8.4 | 10.1 | 9.6 | 9.8 |
| **18** | 8.7 | 6.3 | 7.4 | 10.7 | 8.8 | 9.2 | 9.4 | 7.8 | 8.9 | 10.1 | 9.6 | 9.8 |
| **19** | 10.5 | 6.3 | 8.2 | 12.0 | 9.3 | 10.6 | 9.2 | 7.3 | 8.7 | 10.5 | 9.7 | 10.1 |
| **20** | 9.6 | 6.0 | 8.8 | 10.9 | 9.6 | 10.2 | 9.0 | 7.5 | 8.6 | 10.9 | 10.3 | 10.6 |
| **21** | 8.7 | 8.1 | 8.5 | 9.8 | 8.0 | 8.9 | 9.0 | 7.2 | 8.1 | 11.0 | 10.3 | 10.6 |
| **22** | 8.1 | 7.5 | 7.9 | 8.5 | 7.9 | 8.2 | 8.9 | 7.9 | 8.4 | 11.9 | 10.5 | 11.0 |
| **23** | 8.2 | 7.2 | 7.7 | 8.7 | 8.2 | 8.4 | 9.4 | 8.3 | 8.8 | 11.0 | 10.6 | 10.8 |
| **24** | 8.5 | 7.6 | 8.1 | 8.8 | 8.3 | 8.4 | 10.2 | 8.5 | 9.2 | 11.0 | 10.6 | 10.8 |
| **25** | 9.3 | 8.0 | 8.6 | 8.4 | 8.1 | 8.3 | 10.9 | 9.3 | 9.9 | 11.1 | 10.4 | 10.7 |
| **26** | 11.0 | 8.1 | 9.1 | 8.6 | 8.2 | 8.3 | 10.2 | 8.3 | 9.4 | 11.4 | 10.0 | 10.8 |
| **27** | 10.1 | 7.4 | 9.3 | 9.1 | 8.3 | 8.6 | 9.5 | 8.3 | 9.0 | 12.3 | 10.6 | 11.4 |
| **28** | 10.1 | 7.8 | 9.3 | 9.0 | 8.1 | 8.5 | 9.3 | 8.0 | 8.7 | 11.6 | 10.9 | 11.2 |
| **29** | 10.1 | 5.4 | 8.5 | 11.0 | 8.4 | 9.6 | 9.1 | 8.0 | 8.6 | 11.0 | 10.2 | 10.6 |
| **30** | 11.7 | 5.2 | 8.7 | 13.8 | 9.1 | 10.8 | 9.5 | 8.0 | 8.6 | 10.8 | 9.7 | 10.3 |
| **31** | 10.5 | 4.2 | 9.3 | --- | --- | --- | 10.1 | 8.0 | 8.6 | 10.7 | 9.5 | 10.3 |
| **Month** | 11.7 | 4.2 | 8.0 | 14.2 | 3.7 | 9.0 | 11.5 | --- | --- | 12.3 | 7.5 | 9.8 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.0 | 9.5 | 10.0 | 8.3 | 7.6 | 7.9 | 8.8 | 7.3 | 8.1 | 9.3 | 8.2 | 8.8 |
| **2** | 10.5 | 9.4 | 9.7 | 8.2 | 7.3 | 7.9 | 9.0 | 7.7 | 8.3 | 9.2 | 8.1 | 8.5 |
| **3** | 9.8 | 9.0 | 9.4 | 8.1 | 7.4 | 7.9 | 8.6 | 7.9 | 8.3 | 9.6 | 8.3 | 8.9 |
| **4** | 9.6 | 8.7 | 9.1 | 8.3 | 7.1 | 7.7 | 8.1 | 7.3 | 7.6 | 11.3 | 7.9 | 9.4 |
| **5** | 9.4 | 7.9 | 8.7 | 8.4 | 7.1 | 7.9 | 8.1 | 7.1 | 7.5 | --- | --- | --- |
| **6** | 9.0 | 7.9 | 8.5 | 8.3 | 7.4 | 7.9 | 9.6 | 7.7 | 8.0 | --- | --- | --- |
| **7** | 9.9 | 8.0 | 9.1 | 8.7 | 7.3 | 8.0 | 10.4 | 8.1 | 9.0 | --- | --- | --- |
| **8** | 10.0 | 9.5 | 9.7 | 8.5 | 7.5 | 8.1 | 9.3 | 8.2 | 8.6 | --- | --- | --- |
| **9** | 10.3 | 9.6 | 9.8 | 8.9 | 7.6 | 8.3 | 8.7 | 7.5 | 7.8 | 9.0 | 6.8 | 7.6 |
| **10** | 11.4 | 9.7 | 10.6 | 8.7 | 7.6 | 8.2 | 7.7 | 7.0 | 7.3 | 9.4 | 8.1 | 8.7 |
| **11** | 11.2 | 10.2 | 10.6 | 8.4 | 7.6 | 8.0 | 7.6 | 6.6 | 7.1 | 8.9 | 6.8 | 7.8 |
| **12** | 10.2 | 9.3 | 9.7 | 8.5 | 7.3 | 7.9 | 7.7 | 6.7 | 7.3 | 8.9 | 7.2 | 7.9 |
| **13** | 10.5 | 9.1 | 9.6 | 8.4 | 7.0 | 7.8 | 8.1 | 5.6 | 7.3 | 7.9 | 6.8 | 7.5 |
| **14** | 9.9 | 9.1 | 9.6 | 8.1 | 7.0 | 7.7 | 8.8 | 6.5 | 7.9 | 7.1 | 6.2 | 6.7 |
| **15** | 9.9 | 9.2 | 9.5 | 9.0 | 6.7 | 7.8 | 10.1 | 7.7 | 8.9 | 10.8 | 6.0 | 7.6 |
| **16** | 9.7 | 8.9 | 9.3 | 9.1 | 7.0 | 8.2 | 10.0 | 9.2 | 9.6 | 8.7 | 6.0 | 7.3 |
| **17** | 9.1 | 7.6 | 8.8 | 9.0 | 7.0 | 8.3 | 9.4 | 8.8 | 9.1 | 9.2 | 7.2 | 7.8 |
| **18** | 9.1 | 8.6 | 8.9 | 8.9 | 8.0 | 8.4 | 9.3 | 8.6 | 8.9 | 9.0 | 7.0 | 7.6 |
| **19** | 8.9 | 8.1 | 8.6 | 8.9 | 6.9 | 8.2 | 9.3 | 8.5 | 8.8 | 8.0 | 5.6 | 6.8 |
| **20** | 8.1 | 7.3 | 7.8 | 9.2 | 6.9 | 8.6 | 10.2 | 8.6 | 9.5 | 10.6 | 6.5 | 8.0 |
| **21** | 7.7 | 6.7 | 7.0 | 9.1 | 8.0 | 8.8 | 9.8 | 8.9 | 9.4 | 9.6 | 6.4 | 8.4 |
| **22** | 6.9 | 6.6 | 6.7 | 11.2 | 8.4 | 9.2 | 10.9 | 8.9 | 9.9 | 9.1 | 8.0 | 8.5 |
| **23** | 7.2 | 6.5 | 6.8 | 10.3 | 8.6 | 9.4 | 10.9 | 8.5 | 9.8 | 9.0 | 7.4 | 8.1 |
| **24** | 7.2 | 6.7 | 6.9 | 11.1 | 8.3 | 9.2 | 10.0 | 8.5 | 9.0 | 9.9 | 7.6 | 8.5 |
| **25** | 7.0 | 6.6 | 6.8 | 10.0 | 9.0 | 9.4 | 8.7 | 7.9 | 8.3 | 9.8 | 8.2 | 9.0 |
| **26** | 7.6 | 6.6 | 7.1 | 9.5 | 8.8 | 9.2 | 9.9 | 7.8 | 8.7 | 9.6 | 8.4 | 9.0 |
| **27** | 8.3 | 7.5 | 7.8 | 9.7 | 8.8 | 9.2 | 9.4 | 7.8 | 8.6 | 9.2 | 7.4 | 8.2 |
| **28** | 8.3 | 7.6 | 8.0 | 9.6 | 8.9 | 9.2 | 9.5 | 7.3 | 8.2 | 12.6 | 7.5 | 9.2 |
| **29** | 8.1 | 7.6 | 7.9 | 10.2 | 8.9 | 9.5 | 9.7 | 7.8 | 8.8 | 11.2 | 7.2 | 8.8 |
| **30** | --- | --- | --- | 10.2 | 9.1 | 9.7 | 9.8 | 9.1 | 9.4 | 8.8 | 6.1 | 7.6 |
| **31** | --- | --- | --- | 9.4 | 8.3 | 9.0 | --- | --- | --- | 9.0 | 6.7 | 7.8 |
| **Month** | 11.4 | 6.5 | 8.7 | 11.2 | 6.7 | 8.5 | 10.9 | 5.6 | 8.5 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.7 | 5.0 | 7.4 | 11.3 | 7.8 | 9.4 | 9.1 | 5.2 | 6.8 | 8.3 | 5.4 | 6.7 |
| **2** | 8.0 | 5.7 | 7.1 | 10.7 | 4.9 | 8.5 | 10.1 | 5.3 | 7.3 | 6.8 | 4.3 | 5.6 |
| **3** | 7.4 | 5.6 | 6.6 | --- | --- | --- | 7.8 | 6.7 | 7.4 | 7.7 | 4.4 | 6.1 |
| **4** | 7.7 | 6.2 | 6.8 | --- | --- | --- | --- | --- | --- | 9.1 | 5.5 | 7.2 |
| **5** | 8.1 | 6.7 | 7.1 | --- | --- | --- | --- | --- | --- | 11.8 | 6.3 | 9.0 |
| **6** | 8.2 | 7.0 | 7.4 | --- | --- | --- | --- | --- | --- | 13.1 | 8.3 | 10.3 |
| **7** | 8.9 | 7.3 | 8.0 | --- | --- | --- | --- | --- | --- | 12.3 | 8.7 | 10.4 |
| **8** | 8.8 | 7.8 | 8.4 | --- | --- | --- | --- | --- | --- | --- | 8.4 | 9.4 |
| **9** | 8.8 | 7.2 | 8.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 8.4 | 7.2 | 7.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 8.4 | 7.0 | 7.7 | 6.8 | 4.7 | 5.7 | --- | --- | --- | --- | --- | --- |
| **12** | 8.4 | 7.0 | 7.9 | 6.9 | 4.8 | 6.0 | --- | --- | --- | --- | --- | --- |
| **13** | 8.5 | 6.6 | 7.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.3 | 6.2 | 7.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 9.3 | 6.5 | 8.1 | --- | --- | --- | 10.9 | 6.4 | 9.5 | --- | --- | --- |
| **16** | 9.1 | 6.7 | 8.1 | 9.0 | 7.2 | 8.1 | 8.1 | 6.8 | 7.6 | --- | --- | --- |
| **17** | 10.9 | 6.1 | 8.4 | 9.4 | 6.4 | 8.0 | 11.4 | 5.5 | 7.2 | 4.4 | 4.1 | 4.2 |
| **18** | 8.8 | 3.8 | 7.8 | 9.9 | 4.3 | 6.4 | 8.4 | --- | --- | 4.3 | 4.0 | 4.1 |
| **19** | 10.0 | 3.3 | 6.3 | 9.9 | 4.8 | 7.2 | --- | --- | --- | 4.3 | 3.7 | 3.9 |
| **20** | 9.3 | 4.9 | 7.0 | 8.3 | 3.1 | 5.7 | --- | --- | --- | 4.6 | 3.5 | 4.0 |
| **21** | 8.4 | 3.8 | 6.2 | 10.3 | 4.2 | 6.9 | 8.3 | 5.9 | 6.7 | 4.7 | 3.4 | 4.1 |
| **22** | 9.9 | 5.7 | 7.3 | 7.9 | --- | 7.0 | 9.0 | 6.0 | 7.0 | 6.3 | 3.5 | 4.5 |
| **23** | 8.5 | 5.7 | 7.3 | 7.7 | 5.8 | 7.0 | 13.2 | 7.2 | 9.7 | 6.5 | 4.8 | 5.5 |
| **24** | 7.9 | 4.9 | 5.9 | 7.2 | 5.8 | 6.3 | 13.3 | 8.2 | 10.9 | 6.4 | 5.3 | 5.8 |
| **25** | 6.0 | 3.8 | 5.2 | 8.4 | 5.0 | 6.3 | 12.5 | 6.7 | 10.1 | 6.6 | 5.2 | 5.7 |
| **26** | 5.7 | 3.4 | 4.7 | 8.4 | 4.3 | 6.4 | --- | --- | --- | 6.5 | 5.5 | 5.9 |
| **27** | --- | --- | --- | 11.3 | 2.9 | 6.4 | --- | --- | --- | 9.4 | 5.6 | 7.1 |
| **28** | --- | --- | --- | 12.8 | 7.5 | 9.4 | 8.9 | 3.3 | 5.8 | 10.0 | 6.4 | 7.9 |
| **29** | 7.0 | 5.0 | 6.1 | 9.5 | 6.2 | 7.9 | 14.4 | 6.1 | 9.8 | 9.3 | 6.6 | 7.7 |
| **30** | 10.0 | 5.4 | 7.2 | 8.3 | 5.2 | 6.9 | 12.6 | 9.1 | 10.6 | 7.8 | 5.1 | 6.9 |
| **31** | --- | --- | --- | 7.7 | 5.1 | 6.1 | 10.2 | 7.8 | 9.0 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 7.8 | 5.4 | 6.3 | 67 | 58 | 63 | 57 | 53 | 55 | 43 | 40 | 42 |
| **2** | 6.2 | 4.9 | 5.5 | 70 | 64 | 67 | 54 | 51 | 53 | 43 | 38 | 41 |
| **3** | 7.3 | 4.7 | 5.7 | 70 | 58 | 63 | 57 | 49 | 53 | 40 | 36 | 38 |
| **4** | 6.6 | 5.1 | 5.7 | 62 | 57 | 59 | 58 | 52 | 54 | 43 | 37 | 40 |
| **5** | 7.7 | 4.9 | 5.7 | 58 | 54 | 56 | 55 | 50 | 53 | 42 | 38 | 40 |
| **6** | 8.0 | 5.3 | 6.2 | 58 | 54 | 56 | 56 | 52 | 54 | 42 | 38 | 40 |
| **7** | --- | --- | --- | 60 | 55 | 57 | 56 | 50 | 54 | 43 | 40 | 42 |
| **8** | --- | --- | --- | 60 | 54 | 57 | 57 | 49 | 53 | 46 | 40 | 43 |
| **9** | --- | --- | --- | 54 | 49 | 52 | 55 | 51 | 53 | 50 | 40 | 46 |
| **10** | --- | --- | --- | 55 | 51 | 53 | 54 | 50 | 51 | 48 | 45 | 47 |
| **11** | --- | --- | --- | 61 | 55 | 58 | 52 | 49 | 51 | 47 | 43 | 46 |
| **12** | --- | --- | --- | 57 | 54 | 55 | 51 | 43 | 49 | 46 | 43 | 44 |
| **13** | 27 | 21 | 23 | 58 | 52 | 54 | 48 | 45 | 46 | 46 | 43 | 44 |
| **14** | 43 | 22 | 26 | 61 | 52 | 55 | 47 | 43 | 45 | 47 | 42 | 44 |
| **15** | 48 | 26 | 36 | 62 | 53 | 58 | 44 | 43 | 44 | 50 | 44 | 48 |
| **16** | 86 | 48 | 54 | 59 | 49 | 54 | 44 | 42 | 43 | 49 | 46 | 47 |
| **17** | 210 | 60 | 120 | 50 | 46 | 48 | 43 | 41 | 42 | 57 | 47 | 52 |
| **18** | 270 | 160 | 190 | 50 | 44 | 47 | 43 | 40 | 41 | 140 | 50 | 110 |
| **19** | 230 | 130 | 160 | 48 | 45 | 47 | 41 | 38 | 39 | 150 | 130 | 140 |
| **20** | 140 | 100 | 120 | 51 | 46 | 49 | 41 | 37 | 39 | 140 | 110 | 120 |
| **21** | 100 | 75 | 89 | 51 | 47 | 49 | 42 | 40 | 41 | 120 | 85 | 100 |
| **22** | 85 | 64 | 73 | 52 | 47 | 49 | 43 | 39 | 41 | 91 | 68 | 80 |
| **23** | 75 | 59 | 68 | 52 | 47 | 49 | 43 | 39 | 42 | 77 | 56 | 67 |
| **24** | 66 | 53 | 58 | 49 | 46 | 48 | 45 | 38 | 42 | 69 | 48 | 57 |
| **25** | 60 | 52 | 56 | 48 | 46 | 47 | 43 | 38 | 41 | 70 | 44 | 61 |
| **26** | 57 | 48 | 52 | 47 | 45 | 46 | 43 | 37 | 40 | 64 | 59 | 61 |
| **27** | 55 | 46 | 49 | 48 | 46 | 47 | 42 | 38 | 40 | 61 | 56 | 59 |
| **28** | 120 | 47 | 75 | 52 | 47 | 49 | 42 | 38 | 39 | 64 | 59 | 61 |
| **29** | 120 | 87 | 100 | 52 | 47 | 49 | 42 | 36 | 39 | 61 | 57 | 60 |
| **30** | 90 | 69 | 83 | 59 | 50 | 55 | 42 | 39 | 40 | 62 | 57 | 60 |
| **31** | 73 | 59 | 66 | --- | --- | --- | 42 | 39 | 41 | 61 | 58 | 60 |
| **Month** | --- | --- | --- | 70 | 44 | 53 | 58 | 36 | 46 | 150 | 36 | 59 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 68 | 57 | 62 | 45 | 36 | 41 | 49 | 40 | 44 | 37 | 35 | 36 |
| **2** | 60 | 54 | 57 | 44 | 37 | 41 | 45 | 36 | 40 | 40 | 36 | 37 |
| **3** | 58 | 54 | 56 | 43 | 36 | 41 | 37 | 32 | 35 | 37 | 35 | 36 |
| **4** | 55 | 52 | 54 | 45 | 41 | 43 | 38 | 33 | 35 | 37 | 31 | 34 |
| **5** | 55 | 50 | 52 | 45 | 42 | 43 | 39 | 31 | 35 | 37 | 31 | 35 |
| **6** | 52 | 46 | 50 | 43 | 40 | 42 | 37 | 34 | 35 | 46 | 36 | 41 |
| **7** | 54 | 48 | 50 | 44 | 41 | 42 | 40 | 36 | 39 | 44 | 42 | 43 |
| **8** | 52 | 47 | 48 | 43 | 39 | 41 | 39 | 36 | 38 | 44 | 42 | 43 |
| **9** | 50 | 45 | 48 | 43 | 37 | 41 | 38 | 36 | 37 | 43 | 41 | 42 |
| **10** | 51 | 49 | 50 | 43 | 39 | 41 | 38 | 36 | 36 | 43 | 40 | 41 |
| **11** | 50 | 47 | 49 | 41 | 39 | 40 | 37 | 36 | 37 | 42 | 39 | 40 |
| **12** | 49 | 45 | 48 | 44 | 40 | 42 | 38 | 36 | 37 | 41 | 37 | 39 |
| **13** | 51 | 47 | 50 | 43 | 41 | 42 | 41 | 37 | 38 | 39 | 35 | 37 |
| **14** | 53 | 49 | 50 | 48 | 40 | 43 | 42 | 37 | 39 | 36 | 31 | 34 |
| **15** | 51 | 47 | 49 | 50 | 23 | 37 | 41 | 38 | 40 | 34 | 31 | 33 |
| **16** | 50 | 45 | 47 | 47 | 37 | 42 | 39 | 38 | 39 | 38 | 32 | 35 |
| **17** | 48 | 45 | 46 | 58 | 41 | 46 | 41 | 38 | 39 | 39 | 36 | 37 |
| **18** | 47 | 44 | 45 | 60 | 45 | 51 | 42 | 40 | 41 | 40 | 35 | 37 |
| **19** | 47 | 43 | 44 | 60 | 46 | 49 | --- | --- | --- | 35 | 32 | 34 |
| **20** | 48 | 42 | 44 | 47 | 44 | 45 | --- | --- | --- | 32 | 31 | 32 |
| **21** | 42 | 40 | 42 | 47 | 44 | 46 | --- | --- | --- | 32 | 31 | 31 |
| **22** | 42 | 38 | 40 | 45 | 43 | 44 | --- | --- | --- | 38 | 29 | 33 |
| **23** | 42 | 37 | 40 | 44 | 39 | 42 | --- | --- | --- | 40 | 29 | 36 |
| **24** | 43 | 40 | 41 | 44 | 41 | 42 | 40 | 37 | 39 | 40 | 30 | 35 |
| **25** | 43 | 40 | 41 | 43 | 41 | 42 | 41 | 39 | 39 | 42 | 30 | 32 |
| **26** | 43 | 37 | 40 | 47 | 40 | 43 | 41 | 39 | 40 | 55 | 32 | 35 |
| **27** | 39 | 37 | 38 | 45 | 42 | 43 | 39 | 38 | 38 | 44 | 32 | 38 |
| **28** | 38 | 36 | 37 | 47 | 42 | 45 | 38 | 36 | 37 | 60 | 34 | 44 |
| **29** | --- | --- | --- | 51 | 44 | 47 | 38 | 35 | 36 | 120 | 34 | 66 |
| **30** | --- | --- | --- | 49 | 45 | 47 | 36 | 35 | 35 | 68 | 37 | 47 |
| **31** | --- | --- | --- | 48 | 42 | 45 | --- | --- | --- | 46 | 28 | 31 |
| **Month** | 68 | 36 | 47 | 60 | 23 | 43 | --- | --- | --- | 120 | 28 | 38 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 31 | 26 | 29 | 39 | 16 | 28 | 24 | 14 | 17 | 12 | 5.0 | 6.8 |
| **2** | 28 | 22 | 25 | 32 | 17 | 23 | 27 | 14 | 20 | 14 | 6.5 | 10 |
| **3** | 37 | 25 | 31 | 22 | 14 | 17 | 21 | 8.6 | 13 | 11 | 5.7 | 6.8 |
| **4** | 38 | 25 | 29 | 20 | 17 | 18 | 9.7 | 8.2 | 8.8 | 8.5 | 6.0 | 7.3 |
| **5** | 26 | 22 | 23 | 18 | 16 | 17 | 13 | 7.8 | 9.5 | --- | --- | --- |
| **6** | 25 | 19 | 23 | 27 | 16 | 21 | 9.8 | 6.8 | 7.7 | --- | --- | --- |
| **7** | 28 | 19 | 24 | 32 | 26 | 28 | --- | --- | --- | --- | --- | --- |
| **8** | 32 | 23 | 26 | 31 | 26 | 28 | --- | --- | --- | --- | --- | --- |
| **9** | 26 | 21 | 24 | 30 | 25 | 28 | --- | --- | --- | --- | --- | --- |
| **10** | 28 | 19 | 22 | --- | --- | --- | --- | --- | --- | 10 | 4.6 | 6.2 |
| **11** | 26 | 18 | 21 | --- | --- | --- | 9.8 | 3.8 | 6.2 | 7.2 | 4.8 | 5.5 |
| **12** | 27 | 17 | 19 | --- | --- | --- | 6.7 | 3.8 | 4.9 | 11 | 6.7 | 8.6 |
| **13** | 43 | 19 | 29 | --- | --- | --- | 8.1 | 4.6 | 6.5 | 10 | 5.4 | 7.2 |
| **14** | 38 | 15 | 23 | 19 | 14 | 16 | 12 | 4.4 | 7.9 | 13 | 4.8 | 6.1 |
| **15** | 38 | 15 | 25 | 18 | 14 | 16 | --- | --- | --- | 12 | 7.3 | 10 |
| **16** | 27 | 14 | 15 | --- | --- | --- | --- | --- | --- | 15 | 6.3 | 11 |
| **17** | 19 | 15 | 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | 18 | 14 | 16 | 19 | 17 | 18 | --- | --- | --- | --- | --- | --- |
| **19** | 16 | 14 | 15 | 25 | 19 | 23 | --- | --- | --- | --- | --- | --- |
| **20** | 17 | 14 | 15 | 33 | 22 | 28 | --- | --- | --- | --- | --- | --- |
| **21** | 25 | 14 | 15 | 33 | 28 | 31 | --- | --- | --- | --- | --- | --- |
| **22** | 16 | 13 | 15 | 33 | 26 | 28 | 7.5 | 6.2 | 6.8 | 8.9 | 6.2 | 7.7 |
| **23** | 19 | 12 | 13 | 36 | 29 | 33 | 8.2 | 6.5 | 7.0 | 8.4 | 6.8 | 7.7 |
| **24** | 15 | 11 | 12 | 37 | 29 | 34 | 8.0 | 5.8 | 6.8 | 8.1 | 6.0 | 7.2 |
| **25** | 19 | 11 | 13 | 34 | 23 | 29 | --- | --- | --- | 6.6 | 5.7 | 6.0 |
| **26** | 18 | 12 | 15 | 26 | 18 | 21 | --- | --- | --- | 7.3 | 5.7 | 6.5 |
| **27** | 29 | 14 | 19 | 21 | 17 | 19 | --- | --- | --- | 6.0 | 4.9 | 5.4 |
| **28** | 20 | 17 | 18 | 22 | 17 | 19 | --- | --- | --- | 9.4 | 4.8 | 5.9 |
| **29** | 28 | 15 | 21 | 18 | 16 | 17 | 6.9 | 5.1 | 6.3 | 25 | 8.5 | 17 |
| **30** | 37 | 15 | 21 | 19 | 15 | 16 | 7.2 | 5.1 | 6.1 | 28 | 2.7 | 17 |
| **31** | --- | --- | --- | 21 | 16 | 17 | 7.0 | 4.7 | 5.2 | --- | --- | --- |
| **Month** | 43 | 11 | 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 22 | 2.5 | 9.1 | --- | --- | --- | 19 | 15 | 17 | 30 | 26 | 28 |
| **2** | 11 | 1.8 | 6.3 | --- | --- | --- | 21 | 15 | 18 | 31 | 26 | 28 |
| **3** | 9.5 | 5.0 | 6.5 | 13 | 5.8 | 8.6 | 30 | 19 | 25 | 28 | 26 | 26 |
| **4** | 5.7 | 4.2 | 4.8 | 8.7 | 6.8 | 7.7 | 26 | 22 | 24 | 26 | 24 | 25 |
| **5** | 11 | 5.2 | 7.2 | 10 | 6.5 | 7.4 | 27 | 22 | 24 | 26 | 22 | 24 |
| **6** | 10 | 5.8 | 7.9 | 10 | 6.2 | 7.8 | 26 | 22 | 24 | 25 | 22 | 23 |
| **7** | 11 | 4.5 | 6.4 | 12 | 7.9 | 9.6 | 26 | 23 | 24 | 27 | 22 | 24 |
| **8** | 22 | 5.9 | 9.2 | 9.6 | 8.2 | 8.8 | 25 | 22 | 23 | 28 | 23 | 25 |
| **9** | 6.8 | 4.8 | 5.7 | 13 | 8.1 | 9.8 | 24 | 22 | 23 | 28 | 24 | 25 |
| **10** | 14 | 4.2 | 10 | --- | --- | --- | 24 | 23 | 24 | 28 | 24 | 25 |
| **11** | 14 | 4.0 | 7.9 | --- | --- | --- | 27 | 24 | 25 | 27 | 24 | 25 |
| **12** | 12 | 6.7 | 8.5 | --- | --- | --- | 27 | 25 | 26 | 27 | 24 | 25 |
| **13** | 11 | 6.4 | 9.0 | --- | --- | --- | 32 | 27 | 29 | 28 | 26 | 26 |
| **14** | 17 | 9.0 | 11 | --- | --- | --- | 32 | 27 | 29 | 28 | 21 | 25 |
| **15** | 21 | 9.7 | 13 | 13 | 7.7 | 9.7 | 37 | 28 | 32 | 23 | 21 | 21 |
| **16** | --- | --- | --- | 10 | 7.7 | 8.6 | 31 | 29 | 30 | 25 | 22 | 23 |
| **17** | --- | --- | --- | 7.8 | 6.1 | 7.1 | 29 | 28 | 28 | 27 | 23 | 25 |
| **18** | --- | --- | --- | 9.0 | 5.5 | 7.4 | 28 | 24 | 26 | 27 | 22 | 25 |
| **19** | --- | --- | --- | 6.9 | 5.3 | 6.1 | 28 | 24 | 26 | 27 | 23 | 25 |
| **20** | 23 | 10 | 17 | 6.3 | 5.7 | 6.0 | 29 | 25 | 27 | 30 | 24 | 26 |
| **21** | 21 | 16 | 18 | 12 | 6.0 | 8.0 | 31 | 27 | 28 | 26 | 23 | 24 |
| **22** | 21 | 15 | 18 | 18 | 4.8 | 13 | 37 | 28 | 31 | 24 | 21 | 22 |
| **23** | 23 | 16 | 19 | 18 | 13 | 16 | 33 | 29 | 30 | 24 | 22 | 23 |
| **24** | 23 | 17 | 19 | 27 | 18 | 22 | 37 | 27 | 30 | 28 | 22 | 24 |
| **25** | 21 | 18 | 19 | 27 | 15 | 21 | 40 | 28 | 32 | 31 | 23 | 27 |
| **26** | --- | --- | --- | 17 | 12 | 15 | 40 | 30 | 34 | 28 | 23 | 25 |
| **27** | --- | --- | --- | 24 | 16 | 19 | 41 | 28 | 32 | 26 | 20 | 23 |
| **28** | --- | --- | --- | 24 | 16 | 19 | 44 | 28 | 34 | 28 | 21 | 23 |
| **29** | --- | --- | --- | 19 | 12 | 16 | 39 | 28 | 33 | 25 | 22 | 23 |
| **30** | --- | --- | --- | 18 | 14 | 15 | 37 | 25 | 30 | 30 | 25 | 27 |
| **31** | --- | --- | --- | --- | --- | --- | 38 | 24 | 27 | 40 | 26 | 31 |
| **Month** | --- | --- | --- | --- | --- | --- | 44 | 15 | 27 | 40 | 20 | 25 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 36 | 27 | 31 | 45 | 42 | 43 | --- | --- | --- | 22 | 18 | 20 |
| **2** | 31 | 25 | 28 | 47 | 42 | 44 | 27 | 23 | 26 | 20 | 16 | 18 |
| **3** | 28 | 23 | 26 | 46 | 44 | 45 | 40 | 20 | 23 | 22 | 16 | 19 |
| **4** | 30 | 25 | 27 | 47 | 44 | 45 | 25 | 20 | 22 | 23 | 19 | 20 |
| **5** | 32 | 26 | 29 | 50 | 43 | 44 | 23 | 20 | 21 | --- | --- | --- |
| **6** | 43 | 35 | 37 | 45 | 43 | 44 | 22 | 18 | 19 | --- | --- | --- |
| **7** | --- | --- | --- | 49 | 44 | 46 | 19 | 17 | 18 | --- | --- | --- |
| **8** | 33 | 30 | 31 | 47 | 43 | 45 | 18 | 16 | 17 | --- | --- | --- |
| **9** | 33 | 28 | 30 | 62 | 43 | 45 | 19 | 16 | 18 | 19 | 12 | 15 |
| **10** | 32 | 27 | 29 | 62 | 44 | 48 | 20 | 18 | 19 | 17 | 14 | 16 |
| **11** | 31 | 27 | 29 | 55 | 46 | 47 | 21 | 18 | 19 | 25 | 17 | 22 |
| **12** | 32 | 27 | 29 | 52 | 47 | 50 | 30 | 19 | 24 | 29 | 23 | 25 |
| **13** | 31 | 28 | 30 | 63 | 51 | 53 | 28 | 19 | 24 | 30 | 24 | 26 |
| **14** | 34 | 28 | 30 | 73 | 49 | 59 | 27 | 16 | 21 | 30 | 22 | 25 |
| **15** | 30 | 27 | 28 | 84 | 58 | 72 | 26 | 15 | 19 | 29 | --- | --- |
| **16** | 37 | 28 | 32 | 100 | 68 | 79 | 21 | 18 | 19 | --- | 19 | --- |
| **17** | 42 | 33 | 36 | 110 | 87 | 100 | 23 | 18 | 20 | 22 | 15 | 17 |
| **18** | 42 | 38 | 39 | 100 | 58 | 78 | 25 | 18 | 21 | 20 | 14 | 16 |
| **19** | 58 | 39 | 47 | 95 | 38 | 56 | 26 | 23 | 24 | 19 | 14 | 17 |
| **20** | 59 | 50 | 54 | 68 | 38 | 43 | 26 | 22 | 23 | --- | 14 | 16 |
| **21** | 55 | 49 | 52 | 40 | 37 | 38 | 24 | 22 | 23 | 18 | 13 | 15 |
| **22** | 51 | 48 | 49 | 38 | 35 | 36 | 22 | 21 | 21 | 19 | 14 | 16 |
| **23** | 50 | 47 | 48 | 39 | 35 | 36 | 25 | 20 | 22 | 17 | 14 | 15 |
| **24** | 48 | 45 | 46 | 39 | 34 | 37 | 33 | 22 | 26 | 14 | 12 | 13 |
| **25** | 45 | 44 | 44 | 38 | 35 | 36 | --- | --- | --- | 12 | 11 | 12 |
| **26** | 49 | 45 | 47 | 38 | 35 | 37 | --- | --- | --- | 16 | 11 | 13 |
| **27** | 48 | 44 | 46 | 38 | 36 | 36 | --- | --- | --- | --- | --- | --- |
| **28** | 48 | 45 | 46 | 41 | 35 | 37 | --- | --- | --- | --- | --- | --- |
| **29** | 47 | 44 | 45 | 46 | 34 | 40 | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | 43 | 34 | 36 | 25 | 17 | 20 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.7 | 7.7 | 8.7 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 20 | 8.0 | 9.7 | 5.3 | 2.9 | 3.7 | 12 | 8.6 | 9.8 | 12 | 7.1 | 9.0 |
| **2** | 13 | 7.9 | 9.6 | 6.6 | 2.1 | 3.6 | 17 | 4.9 | 11 | 8.0 | 6.3 | 7.1 |
| **3** | 16 | 9.5 | 11 | 10 | 3.0 | 5.0 | 6.2 | 5.4 | 5.7 | 9.2 | 6.2 | 7.2 |
| **4** | 17 | 4.9 | 13 | 17 | 4.1 | 8.0 | --- | --- | --- | 11 | 6.0 | 7.3 |
| **5** | 22 | 7.7 | 15 | 20 | 4.4 | 11 | --- | --- | --- | 9.4 | 6.1 | 7.3 |
| **6** | 21 | 9.4 | 13 | 5.8 | 3.8 | 4.8 | --- | --- | --- | 11 | 6.8 | 8.7 |
| **7** | 15 | 9.6 | 12 | 12 | 5.2 | 7.8 | --- | --- | --- | 10 | 6.4 | 8.8 |
| **8** | 15 | 9.0 | 11 | --- | --- | --- | --- | --- | --- | 12 | 7.7 | 9.6 |
| **9** | 14 | 8.5 | 10 | --- | --- | --- | --- | --- | --- | 11 | --- | --- |
| **10** | 22 | 8.5 | 11 | 9.7 | 3.8 | 6.1 | --- | --- | --- | --- | 8.5 | --- |
| **11** | 14 | 8.8 | 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 13 | 8.6 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 14 | 8.2 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | --- | --- | --- | --- | --- | --- | 12 | 6.6 | 8.3 | --- | --- | --- |
| **16** | --- | --- | --- | 13 | 8.5 | 9.7 | 10 | 8.0 | 8.6 | --- | --- | --- |
| **17** | --- | --- | --- | 11 | 7.6 | 8.9 | 10 | 8.1 | 9.3 | 97 | 70 | 83 |
| **18** | 11 | 7.2 | 8.2 | 12 | 7.9 | 9.1 | 9.2 | 7.3 | 8.1 | 80 | 49 | 62 |
| **19** | 12 | 7.8 | 9.9 | 15 | 7.4 | 9.3 | --- | --- | --- | 52 | 38 | 44 |
| **20** | 10 | 8.0 | 8.9 | 12 | 7.8 | 9.4 | --- | --- | --- | 45 | 34 | 37 |
| **21** | 11 | 8.0 | 9.1 | 11 | 7.6 | 9.4 | 11 | 8.4 | 9.3 | 42 | 33 | 36 |
| **22** | 9.1 | 7.4 | 8.3 | --- | --- | --- | 12 | 9.0 | 10 | 42 | 31 | 36 |
| **23** | 10 | 8.3 | 9.0 | 16 | 11 | 13 | 17 | 8.5 | 9.7 | 36 | 30 | 33 |
| **24** | 11 | 7.7 | 8.7 | 15 | 11 | 13 | --- | --- | --- | 34 | 27 | 31 |
| **25** | 15 | 8.2 | 10 | 14 | 9.1 | 11 | 14 | 7.8 | 9.7 | 34 | 29 | 31 |
| **26** | 15 | 8.0 | 11 | 11 | 5.3 | 8.9 | 8.6 | 5.8 | 7.7 | 34 | 27 | 30 |
| **27** | --- | --- | --- | 11 | 6.8 | 8.9 | --- | --- | --- | 29 | 26 | 28 |
| **28** | --- | --- | --- | 8.5 | 6.8 | 7.7 | 13 | 6.9 | 9.1 | 27 | 20 | 24 |
| **29** | 7.0 | 3.5 | 5.1 | 11 | 7.7 | 8.9 | 8.8 | 6.1 | 6.7 | 24 | 19 | 22 |
| **30** | 6.8 | 3.4 | 4.8 | 13 | 7.9 | 9.8 | 8.1 | 6.3 | 7.4 | 24 | 18 | 20 |
| **31** | --- | --- | --- | 14 | 8.9 | 11 | 8.5 | 6.7 | 7.5 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 27.2 | 25.9 | 26.5 | 21.6 | 20.6 | 21.0 | 16.4 | 15.5 | 15.9 | 14.2 | 13.3 | 13.7 |
| **2** | 27.4 | 26.4 | 26.9 | 20.6 | 19.3 | 20.1 | 15.5 | 14.7 | 15.3 | 13.8 | 12.7 | 13.2 |
| **3** | 27.9 | 26.7 | 27.2 | 19.6 | 18.1 | 18.9 | 14.7 | 13.8 | 14.4 | 13.3 | 12.9 | 13.1 |
| **4** | 28.1 | 26.8 | 27.3 | 19.5 | 18.6 | 19.1 | 13.9 | 13.3 | 13.6 | 13.1 | 12.9 | 13.0 |
| **5** | 29.3 | 26.4 | 27.5 | 19.5 | 19.2 | 19.3 | 13.8 | 12.9 | 13.3 | 13.8 | 13.0 | 13.3 |
| **6** | 29.4 | 26.6 | 27.7 | 19.8 | 19.4 | 19.6 | 13.4 | 13.2 | 13.3 | 13.8 | 13.2 | 13.6 |
| **7** | 28.0 | 26.7 | 27.3 | 20.4 | 19.2 | 19.7 | 13.4 | 12.6 | 13.3 | 14.0 | 13.2 | 13.6 |
| **8** | 27.5 | 26.2 | 26.8 | 20.0 | 19.2 | 19.5 | 12.6 | 11.5 | 12.0 | 13.9 | 12.5 | 13.1 |
| **9** | 27.2 | 26.4 | 26.8 | 20.6 | 19.2 | 19.9 | 11.8 | 11.2 | 11.5 | 14.0 | 12.5 | 13.2 |
| **10** | 27.0 | 26.3 | 26.6 | 20.7 | 20.2 | 20.4 | 11.9 | 11.2 | 11.5 | 13.9 | 12.8 | 13.4 |
| **11** | 26.4 | 25.9 | 26.1 | 20.3 | 19.3 | 19.8 | 12.2 | 11.9 | 12.0 | 14.0 | 13.3 | 13.8 |
| **12** | 26.4 | 25.7 | 26.0 | 19.4 | 18.7 | 19.1 | 12.4 | 12.0 | 12.2 | 14.9 | 13.9 | 14.4 |
| **13** | 25.7 | 24.6 | 24.9 | 19.4 | 18.9 | 19.1 | 12.6 | 12.1 | 12.3 | 15.6 | 14.9 | 15.3 |
| **14** | 25.4 | 24.1 | 24.7 | 19.8 | 19.2 | 19.6 | 12.8 | 12.1 | 12.4 | 15.8 | 14.7 | 15.3 |
| **15** | 24.9 | 24.3 | 24.5 | 20.2 | 18.3 | 19.4 | 13.9 | 12.3 | 12.9 | 14.7 | 12.9 | 13.8 |
| **16** | 24.6 | 24.1 | 24.3 | 18.6 | 17.8 | 18.1 | 14.9 | 13.3 | 13.9 | 12.9 | 11.2 | 12.1 |
| **17** | 24.6 | 23.9 | 24.3 | 18.5 | 17.6 | 18.0 | 14.9 | 13.7 | 14.2 | 11.2 | 10.3 | 10.8 |
| **18** | 25.2 | 24.4 | 24.8 | 18.4 | 17.4 | 17.8 | 15.3 | 14.4 | 14.8 | 10.3 | 8.7 | 9.2 |
| **19** | 25.2 | 23.7 | 24.5 | 18.4 | 17.2 | 17.8 | 16.6 | 14.7 | 15.7 | 8.9 | 8.2 | 8.6 |
| **20** | 24.1 | 23.2 | 23.6 | 17.4 | 16.5 | 16.9 | 16.7 | 15.7 | 16.3 | 8.8 | 8.4 | 8.5 |
| **21** | 23.3 | 22.8 | 23.0 | 17.0 | 16.3 | 16.6 | 16.2 | 15.6 | 16.0 | 9.4 | 8.6 | 8.9 |
| **22** | 22.8 | 21.3 | 22.0 | 16.8 | 16.1 | 16.5 | 15.7 | 15.2 | 15.4 | 9.6 | 8.8 | 9.3 |
| **23** | 21.9 | 20.5 | 21.1 | 17.3 | 16.1 | 16.6 | 15.2 | 14.7 | 14.9 | 9.3 | 6.5 | 8.3 |
| **24** | 21.6 | 20.4 | 21.0 | 17.2 | 16.5 | 16.8 | 14.8 | 14.0 | 14.3 | 9.1 | 6.0 | 7.7 |
| **25** | 21.5 | 21.2 | 21.3 | 17.4 | 16.6 | 17.0 | 14.0 | 13.2 | 13.8 | 10.0 | 4.8 | 8.4 |
| **26** | 21.4 | 20.9 | 21.3 | 18.2 | 16.9 | 17.5 | 13.4 | 12.6 | 13.0 | 10.5 | 9.4 | 10 |
| **27** | 21.1 | 20.5 | 20.9 | 18.5 | 17.8 | 18.1 | 13.4 | 12.4 | 12.9 | 10.7 | 10.1 | 10.4 |
| **28** | 22.0 | 20.0 | 20.8 | 18.3 | 17.6 | 18.0 | 13.6 | 12.9 | 13.2 | 10.4 | 9.8 | 10.1 |
| **29** | 21.5 | 20.6 | 21.1 | 18.9 | 17.9 | 18.5 | 15.0 | 13.6 | 14.2 | 10.3 | 9.7 | 10.0 |
| **30** | 21.6 | 20.8 | 21.1 | 18.8 | 15.9 | 17.6 | 14.8 | 14.0 | 14.5 | 10.5 | 10.0 | 10.3 |
| **31** | 21.2 | 20.8 | 21.0 | --- | --- | --- | 14.6 | 13.7 | 14.1 | 10.2 | 9.6 | 9.9 |
| **Month** | 29.4 | 20.0 | 24.3 | 21.6 | 15.9 | 18.5 | 16.7 | 11.2 | 13.8 | 15.8 | 4.8 | 11.6 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.3 | 9.7 | 10 | 16.4 | 15.5 | 16.0 | 23.1 | 22.4 | 22.7 | 24.0 | 22.9 | 23.5 |
| **2** | 10.2 | 9.4 | 9.9 | 15.9 | 15.0 | 15.5 | 23.5 | 22.5 | 23.0 | 24.0 | 23.0 | 23.6 |
| **3** | 10.3 | 9.3 | 9.7 | 16.1 | 14.9 | 15.5 | 23.9 | 23.0 | 23.3 | 24.2 | 23.3 | 23.8 |
| **4** | 10.6 | 9.8 | 10.1 | 15.4 | 14.6 | 15.0 | 23.7 | 22.1 | 23.0 | 25.1 | 23.8 | 24.3 |
| **5** | 11.0 | 9.8 | 10.3 | 15.6 | 14.3 | 14.9 | 22.6 | 21.4 | 21.9 | 25.2 | 24.7 | 25.0 |
| **6** | 11.6 | 9.9 | 10.8 | 16.3 | 14.3 | 15.3 | 23.1 | 21.0 | 21.7 | 24.8 | 24.3 | 24.6 |
| **7** | 11.8 | 10.9 | 11.3 | 15.9 | 15.0 | 15.5 | 21.3 | 18.6 | 19.8 | 25.8 | 24.6 | 25.1 |
| **8** | 12.2 | 11.3 | 11.7 | 16.2 | 14.9 | 15.5 | 18.7 | 17.8 | 18.3 | 26.5 | 25.2 | 25.7 |
| **9** | 12.7 | 11.4 | 12.0 | 16.8 | 15.3 | 16.1 | 19.0 | 18.1 | 18.5 | 27.0 | 25.2 | 26.0 |
| **10** | 11.7 | 11.0 | 11.2 | 16.9 | 16.0 | 16.3 | 19.4 | 18.5 | 18.9 | 26.0 | 25.1 | 25.4 |
| **11** | 11.5 | 11.0 | 11.3 | 18.3 | 16.2 | 17.4 | 20.7 | 19.2 | 19.7 | 27.0 | 25.1 | 25.8 |
| **12** | 12.4 | 11.5 | 11.9 | 18.2 | 17.4 | 17.9 | 20.5 | 19.4 | 19.9 | 27.0 | 25.3 | 26.1 |
| **13** | 12.1 | 11.2 | 11.8 | 17.9 | 17.2 | 17.5 | 20.4 | 20.0 | 20.3 | 27.0 | 24.9 | 25.9 |
| **14** | 11.2 | 10.4 | 10.9 | 18.3 | 17.4 | 17.9 | 20.4 | 18.9 | 19.8 | 26.7 | 25.5 | 26.1 |
| **15** | 10.7 | 9.9 | 10.3 | 20.9 | 17.6 | 18.9 | 19.8 | 18.0 | 18.9 | 27.4 | 25.9 | 26.7 |
| **16** | 10.3 | 9.2 | 9.9 | 19.8 | 19.0 | 19.3 | 19.9 | 18.7 | 19.3 | 27.1 | 25.5 | 26.3 |
| **17** | 11.1 | 9.9 | 10.4 | 19.3 | 18.4 | 18.8 | 19.5 | 19.2 | 19.4 | 26.1 | 25.6 | 25.8 |
| **18** | 12.2 | 9.6 | 10.4 | 18.8 | 18.1 | 18.4 | 19.5 | 18.9 | 19.2 | 26.3 | 25.0 | 25.5 |
| **19** | 11.9 | 10.3 | 11.3 | 19.0 | 18.4 | 18.7 | --- | --- | --- | 26.1 | 25.2 | 25.6 |
| **20** | 11.5 | 11.1 | 11.3 | 19.6 | 18.7 | 19.1 | --- | --- | --- | 26.4 | 25.1 | 25.7 |
| **21** | 11.9 | 11.1 | 11.4 | 20.3 | 19.4 | 19.8 | --- | --- | --- | 25.9 | 25.6 | 25.7 |
| **22** | 12.9 | 11.2 | 12.1 | 20.6 | 19.8 | 20.2 | --- | --- | --- | 25.7 | 25.1 | 25.4 |
| **23** | 14.6 | 12.8 | 13.6 | 21.1 | 20.3 | 20.6 | --- | --- | --- | 26.2 | 25.4 | 25.8 |
| **24** | 14.9 | 13.9 | 14.3 | 21.2 | 20.7 | 20.9 | 21.8 | 21.4 | 21.5 | 26.5 | 25.7 | 26.1 |
| **25** | 14.6 | 13.4 | 13.8 | 21.4 | 21.0 | 21.2 | 21.6 | 21.1 | 21.4 | 26.5 | 26.0 | 26.2 |
| **26** | 14.5 | 13.4 | 13.9 | 21.5 | 21.1 | 21.2 | 22.2 | 20.8 | 21.4 | 26.1 | 25.6 | 25.9 |
| **27** | 15.7 | 13.9 | 14.8 | 22.1 | 21.2 | 21.6 | 22.8 | 21.2 | 22.1 | 25.9 | 25.4 | 25.6 |
| **28** | 16.5 | 15.2 | 15.9 | 22.3 | 21.6 | 21.9 | 22.7 | 22.0 | 22.3 | 25.9 | 25.2 | 25.5 |
| **29** | --- | --- | --- | 23.0 | 21.9 | 22.4 | 23.8 | 22.0 | 22.6 | 27.4 | 25.0 | 25.5 |
| **30** | --- | --- | --- | 23.0 | 22.4 | 22.7 | 24.0 | 22.0 | 22.7 | 27.0 | 25.7 | 26.1 |
| **31** | --- | --- | --- | 22.9 | 22.2 | 22.6 | --- | --- | --- | 27.2 | 25.9 | 26.7 |
| **Month** | 16.5 | 9.2 | 11.7 | 23.0 | 14.3 | 18.5 | --- | --- | --- | 27.4 | 22.9 | 25.5 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27.8 | 25.8 | 26.7 | 29.3 | 28.7 | 29.0 | 29.7 | 28.6 | 29.0 | 30.6 | 29.5 | 30.1 |
| **2** | 27.9 | 26.0 | 26.8 | 28.9 | 28.3 | 28.6 | 30.1 | 28.4 | 29.3 | 29.9 | 29.0 | 29.3 |
| **3** | 26.5 | 25.3 | 25.9 | 29.2 | 28.4 | 28.8 | 31.3 | 28.7 | 29.6 | 30.1 | 29.0 | 29.4 |
| **4** | 27.4 | 24.9 | 26.3 | 28.9 | 28.2 | 28.5 | 30.6 | 29.0 | 29.5 | 29.5 | 28.9 | 29.2 |
| **5** | 27.5 | 25.4 | 26.4 | 28.5 | 27.8 | 28.2 | 29.5 | 28.5 | 28.9 | 29.2 | 28.9 | 29.0 |
| **6** | 28.6 | 25.8 | 26.8 | 28.5 | 27.5 | 28.1 | 30.5 | 29.0 | 29.6 | 29.2 | 28.8 | 29.0 |
| **7** | 28.0 | 27.4 | 27.7 | 27.8 | 27.2 | 27.5 | 30.1 | 28.8 | 29.5 | 29.1 | 28.7 | 28.9 |
| **8** | 28.7 | 27.2 | 27.9 | 28.1 | 27.3 | 27.5 | 30.3 | 28.8 | 29.5 | 30.0 | 28.8 | 29.3 |
| **9** | 28.6 | 27.9 | 28.3 | 29.0 | 27.9 | 28.2 | 30.8 | 28.7 | 29.8 | 29.9 | 29.0 | 29.4 |
| **10** | 28.6 | 27.8 | 28.2 | 28.8 | 28.1 | 28.4 | 30.8 | 28.7 | 29.8 | 30.2 | 29.0 | 29.6 |
| **11** | 28.7 | 27.9 | 28.4 | 29.1 | 28.4 | 28.8 | 31.1 | 29.5 | 30.3 | 31.0 | 29.3 | 30.1 |
| **12** | 28.6 | 27.6 | 28.1 | 29.2 | 28.3 | 28.8 | 33.3 | 30.1 | 31.6 | 30.0 | 28.5 | 29.2 |
| **13** | 30.0 | 27.6 | 28.2 | 29.5 | 28.4 | 28.8 | 33.6 | 31.2 | 32.3 | 28.9 | 28.1 | 28.4 |
| **14** | 30.0 | 27.9 | 29.2 | 29.3 | 28.7 | 29.1 | 34.5 | 31.1 | 32.7 | 31.0 | 28.3 | 29.2 |
| **15** | 29.6 | 29.0 | 29.4 | 29.0 | 28.7 | 28.9 | 33.3 | 31.4 | 32.4 | 30.8 | 29.2 | 30.0 |
| **16** | 29.3 | 28.9 | 29.2 | 29.3 | 28.9 | 29.1 | 32.0 | 30.1 | 30.8 | 29.9 | 28.6 | 29.3 |
| **17** | 28.9 | 28.4 | 28.7 | 29.7 | 29.0 | 29.3 | 31.2 | 29.9 | 30.3 | 30.0 | 28.9 | 29.5 |
| **18** | 29.3 | 28.2 | 28.6 | 29.5 | 29.1 | 29.2 | 30.9 | 30.1 | 30.4 | 29.8 | 29.0 | 29.4 |
| **19** | 29.5 | 28.6 | 28.9 | 29.2 | 28.5 | 28.9 | 30.9 | 30.0 | 30.4 | 30.1 | 29.1 | 29.5 |
| **20** | 29.7 | 28.8 | 29.2 | 28.9 | 28.0 | 28.5 | 31.3 | 30.0 | 30.6 | 30.4 | 29.2 | 29.7 |
| **21** | 29.9 | 29.1 | 29.4 | 28.7 | 27.9 | 28.3 | 31.2 | 29.9 | 30.6 | 29.7 | 28.7 | 29.3 |
| **22** | 29.5 | 29.0 | 29.3 | 30.1 | 27.8 | 28.5 | 31.4 | 30.7 | 31.0 | 30.3 | 28.2 | 28.9 |
| **23** | 29.3 | 28.7 | 29.0 | 30.1 | 28.5 | 29.2 | 31.5 | 30.8 | 31.1 | 29.3 | 28.2 | 28.7 |
| **24** | 29.6 | 28.6 | 29.1 | 30.1 | 28.8 | 29.2 | 31.9 | 30.6 | 31.2 | 30.5 | 28.4 | 29.1 |
| **25** | 29.4 | 28.8 | 29.1 | 30.1 | 28.4 | 29.3 | 31.5 | 30.5 | 30.9 | 30.1 | 29.3 | 29.6 |
| **26** | 29.1 | 28.6 | 28.9 | 29.6 | 28.8 | 29.3 | 31.4 | 30.3 | 30.8 | 29.7 | 29.2 | 29.4 |
| **27** | 29.2 | 28.4 | 28.8 | 29.4 | 28.5 | 28.9 | 32.0 | 30.6 | 31.1 | 30.2 | 29.0 | 29.6 |
| **28** | 29.7 | 28.4 | 29.0 | 28.9 | 28.2 | 28.6 | 31.3 | 30.8 | 31.1 | 30.0 | 29.1 | 29.5 |
| **29** | 29.5 | 28.6 | 29.1 | 29.0 | 28.4 | 28.7 | 31.2 | 30.3 | 30.6 | 29.6 | 28.8 | 29.2 |
| **30** | 29.7 | 28.7 | 29.2 | 29.4 | 28.4 | 28.8 | 30.8 | 30.0 | 30.4 | 29.1 | 28.6 | 28.8 |
| **31** | --- | --- | --- | 29.4 | 28.4 | 28.9 | 31.0 | 30.0 | 30.4 | --- | --- | --- |
| **Month** | 30.0 | 24.9 | 28.3 | 30.1 | 27.2 | 28.7 | 34.5 | 28.4 | 30.5 | 31.0 | 28.1 | 29.3 |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 29.2 | 28.4 | 28.8 | 22.4 | 19.7 | 20.6 | 17.5 | 15.7 | 16.4 | 12.5 | 11.4 | 12.1 |
| **2** | 28.8 | 28.3 | 28.6 | 21.4 | 20.2 | 20.7 | 16.3 | 15.6 | 15.9 | 11.4 | 10.6 | 11.1 |
| **3** | 28.8 | 28.1 | 28.4 | 21.6 | 20.3 | 20.7 | 16.1 | 14.6 | 15.2 | 10.8 | 9.9 | 10.3 |
| **4** | 29.8 | 28.0 | 28.8 | 21.0 | 19.9 | 20.4 | 15.1 | 14.0 | 14.6 | 10.9 | 9.8 | 10.5 |
| **5** | 29.2 | 28.4 | 28.7 | 21.1 | 20.1 | 20.6 | 15.2 | 14.2 | 14.6 | 12.0 | 10.8 | 11.4 |
| **6** | 28.9 | 28.1 | 28.3 | 21.2 | 20.5 | 21.0 | 15.0 | 14.1 | 14.7 | 13.0 | 12.0 | 12.5 |
| **7** | 29.0 | 28.2 | 28.6 | 20.5 | 19.5 | 19.9 | 15.6 | 14.8 | 15.2 | 13.9 | 12.7 | 13.2 |
| **8** | 29.4 | 27.8 | 28.3 | 20.0 | 19.3 | 19.6 | 16.5 | 15.5 | 16.0 | 14.4 | 13.4 | 13.9 |
| **9** | 29.2 | 28.1 | 28.6 | 20.4 | 19.6 | 19.9 | 17.0 | 16.3 | 16.6 | 14.2 | 12.9 | 13.5 |
| **10** | 28.6 | 27.5 | 28.1 | 20.4 | 19.7 | 20.0 | 17.6 | 16.6 | 17.1 | 14.4 | 13.4 | 13.9 |
| **11** | 28.8 | 27.1 | 27.8 | 20.6 | 20.0 | 20.3 | 18.2 | 17.5 | 17.8 | 14.5 | 12.9 | 13.6 |
| **12** | 28.0 | 26.8 | 27.5 | 20.9 | 20.0 | 20.5 | 19.0 | 16.7 | 17.7 | 14.5 | 13.0 | 13.7 |
| **13** | 27.6 | 26.7 | 27.1 | 21.2 | 20.3 | 20.7 | 17.0 | 16.5 | 16.7 | 14.2 | 13.1 | 13.6 |
| **14** | 26.8 | 26.1 | 26.5 | 20.8 | 20.2 | 20.5 | 16.9 | 16.6 | 16.7 | 14.1 | 12.9 | 13.6 |
| **15** | 26.6 | 25.3 | 26.0 | 20.4 | 19.2 | 19.8 | 17.2 | 15.2 | 16.5 | 13.8 | 13.3 | 13.6 |
| **16** | 26.4 | 24.6 | 25.3 | 19.4 | 18.6 | 19.0 | 15.2 | 14.1 | 14.7 | 13.3 | 12.9 | 13.1 |
| **17** | 26.0 | 25.0 | 25.5 | 19.2 | 18.8 | 19.0 | 15.0 | 13.9 | 14.4 | 13.1 | 12.6 | 12.9 |
| **18** | 25.8 | 24.8 | 25.3 | 19.4 | 18.9 | 19.1 | 15.2 | 14.4 | 14.7 | 12.6 | 11.6 | 12.1 |
| **19** | 26.2 | 24.1 | 25.2 | 20.1 | 19.0 | 19.4 | 15.3 | 14.6 | 15.0 | 11.8 | 10.9 | 11.5 |
| **20** | 25.4 | 24.8 | 25.1 | 20.5 | 19.5 | 19.9 | 15.7 | 14.9 | 15.4 | 11.2 | 10.3 | 10.8 |
| **21** | 25.4 | 24.8 | 25.1 | 20.5 | 19.1 | 20.1 | 15.7 | 14.5 | 15.1 | 11.2 | 10.6 | 10.9 |
| **22** | 25.0 | 23.1 | 24.3 | 19.1 | 17.5 | 18.3 | 16.1 | 14.3 | 15.4 | 12.4 | 11.0 | 11.5 |
| **23** | 23.1 | 21.8 | 22.4 | 17.5 | 16.2 | 17.0 | 14.7 | 13.6 | 14.0 | 11.3 | 10.8 | 11.0 |
| **24** | 21.9 | 21.0 | 21.5 | 16.2 | 15.1 | 15.6 | 14.8 | 13.2 | 13.9 | 11.0 | 10.5 | 10.7 |
| **25** | 21.1 | 20.1 | 20.6 | 15.3 | 14.5 | 15.0 | 14.1 | 13.2 | 13.6 | 10.6 | 9.5 | 9.9 |
| **26** | 21.4 | 19.5 | 20.5 | 15.4 | 14.1 | 14.7 | 14.0 | 12.8 | 13.4 | 11.3 | 9.4 | 10.1 |
| **27** | 21.0 | 19.9 | 20.4 | 15.7 | 13.8 | 14.6 | 13.1 | 12.6 | 12.9 | 11.4 | 10.5 | 10.8 |
| **28** | 20.8 | 19.6 | 20.1 | 15.6 | 13.9 | 14.8 | 13.5 | 12.7 | 13.0 | 12.1 | 10.6 | 11.3 |
| **29** | 20.8 | 19.1 | 19.8 | 15.8 | 14.6 | 15.1 | 12.8 | 12.4 | 12.6 | 12.5 | 11.3 | 12.2 |
| **30** | 21.5 | 19.2 | 20.0 | 16.2 | 14.9 | 15.4 | 13.2 | 11.9 | 12.6 | 11.3 | 9.9 | 10.6 |
| **31** | 21.5 | 19.3 | 20.3 | --- | --- | --- | 13.1 | 12.2 | 12.7 | 11.8 | 10.6 | 11.2 |
| **Month** | 29.8 | 19.1 | 25.2 | 22.4 | 13.8 | 18.7 | 19.0 | 11.9 | 15.0 | 14.5 | 9.4 | 12.0 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.6 | 9.8 | 10.7 | 17.0 | 16.3 | 16.6 | 22.7 | 20.9 | 21.1 | 23.3 | 22.7 | 23.0 |
| **2** | 12.0 | 10.6 | 11.4 | 17.2 | 16.7 | 16.9 | 21.9 | 20.9 | 21.4 | 23.8 | 23.0 | 23.3 |
| **3** | 13.4 | 11.8 | 12.6 | 17.4 | 16.2 | 17.0 | 22.5 | 21.6 | 22.1 | 24.2 | 23.5 | 23.8 |
| **4** | 14.0 | 13.2 | 13.5 | 16.2 | 15.6 | 16.0 | 22.2 | 21.2 | 21.8 | 24.2 | 22.9 | 23.5 |
| **5** | 14.8 | 13.6 | 14.1 | 16.2 | 15.6 | 15.9 | 22.1 | 20.7 | 21.3 | 24.2 | 22.7 | 23.6 |
| **6** | 13.8 | 12.6 | 13.3 | 16.5 | 15.9 | 16.2 | 23.1 | 21.0 | 21.5 | 23.3 | 22.6 | 22.9 |
| **7** | 13.9 | 12.6 | 13.3 | 15.9 | 14.6 | 15.1 | 23.1 | 20.9 | 21.8 | 23.6 | 22.8 | 23.2 |
| **8** | 14.0 | 13.0 | 13.5 | 15.2 | 14.2 | 14.6 | 23.4 | 22.0 | 22.6 | 23.7 | 22.9 | 23.2 |
| **9** | 14.3 | 13.7 | 14.0 | 15.3 | 14.6 | 14.9 | 22.9 | 22.1 | 22.5 | 24.2 | 23.1 | 23.6 |
| **10** | 15.3 | 13.9 | 14.6 | 15.2 | 15.1 | 15.1 | 22.7 | 21.9 | 22.3 | 25.2 | 23.9 | 24.5 |
| **11** | 16.2 | 14.9 | 15.6 | 15.8 | 14.9 | 15.2 | 22.6 | 22.0 | 22.3 | 25.0 | 24.3 | 24.6 |
| **12** | 15.9 | 14.8 | 15.3 | 15.6 | 15.1 | 15.4 | 22.0 | 21.2 | 21.6 | 24.6 | 23.6 | 24.2 |
| **13** | 14.8 | 14.2 | 14.4 | 16.1 | 15.2 | 15.6 | 21.7 | 20.8 | 21.2 | 24.6 | 24.3 | 24.5 |
| **14** | 14.9 | 14.2 | 14.6 | 16.5 | 15.9 | 16.1 | 21.2 | 20.1 | 20.7 | 25.0 | 24.4 | 24.6 |
| **15** | 15.6 | 14.5 | 14.9 | 18.4 | 16.5 | 17.2 | 20.8 | 19.9 | 20.4 | 26.2 | 23.9 | 24.9 |
| **16** | 16.0 | 15.2 | 15.7 | 18.1 | 17.4 | 17.8 | 20.7 | 20.0 | 20.4 | 24.6 | 22.4 | 23.8 |
| **17** | 16.1 | 15.2 | 15.7 | 19.0 | 18.0 | 18.4 | 20.8 | 20.3 | 20.5 | 24.3 | 23.6 | 24.0 |
| **18** | 16.1 | 15.2 | 15.7 | 19.3 | 18.5 | 19.0 | 20.9 | 20.2 | 20.5 | 24.2 | 23.2 | 23.7 |
| **19** | 16.7 | 15.5 | 16.1 | 18.8 | 17.9 | 18.4 | 20.7 | 20.1 | 20.4 | 24.6 | 23.1 | 23.9 |
| **20** | 16.5 | 15.9 | 16.2 | 19.0 | 17.4 | 18.2 | 21.9 | 20.4 | 21.0 | 25.1 | 23.8 | 24.3 |
| **21** | 16.7 | 16.1 | 16.3 | 18.8 | 18.4 | 18.6 | 22.3 | 21.4 | 21.8 | 26.3 | 24.6 | 25.2 |
| **22** | 16.3 | 15.8 | 16.1 | 19.3 | 18.3 | 18.7 | 23.4 | 21.6 | 22.2 | 26.5 | 25.7 | 26.2 |
| **23** | 16.3 | 15.4 | 15.8 | 20.1 | 18.7 | 19.2 | 24.4 | 22.3 | 23.1 | 27.0 | 26.1 | 26.5 |
| **24** | 16.9 | 16.2 | 16.5 | 19.1 | 17.5 | 18.3 | 24.1 | 22.7 | 23.4 | 27.7 | 26.7 | 27.0 |
| **25** | 17.4 | 16.3 | 16.8 | 18.7 | 18.2 | 18.5 | 23.7 | 23.0 | 23.3 | 28.1 | 27.3 | 27.6 |
| **26** | 17.1 | 16.1 | 16.6 | 18.8 | 18.1 | 18.5 | 24.2 | 23.2 | 23.6 | 28.4 | 27.5 | 28.0 |
| **27** | 16.5 | 15.6 | 15.9 | 19.3 | 18.3 | 18.7 | 23.9 | 22.8 | 23.6 | 28.6 | 27.5 | 28.0 |
| **28** | 16.6 | 15.8 | 16.3 | 19.3 | 19.0 | 19.1 | 23.3 | 22.2 | 22.7 | 29.5 | 27.7 | 28.3 |
| **29** | 16.4 | 15.8 | 16.1 | 20.5 | 19.2 | 19.7 | 23.4 | 22.1 | 22.8 | 29.6 | 27.7 | 28.4 |
| **30** | --- | --- | --- | 21.0 | 20.4 | 20.6 | 23.2 | 22.7 | 22.9 | 29.0 | 27.7 | 28.3 |
| **31** | --- | --- | --- | 21.3 | 20.5 | 20.9 | --- | --- | --- | 29.4 | 27.7 | 28.4 |
| **Month** | 17.4 | 9.8 | 14.9 | 21.3 | 14.2 | 17.4 | 24.4 | 19.9 | 21.9 | 29.6 | 22.4 | 25.1 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.1 | 28.1 | 28.5 | 30.3 | 29.5 | 29.8 | 32.0 | 30.2 | 30.7 | 30.6 | 29.2 | 29.9 |
| **2** | 29.2 | 28.3 | 28.7 | 30.1 | 29.4 | 29.7 | 32.5 | 30.5 | 31.2 | 29.3 | 29.0 | 29.2 |
| **3** | 29.2 | 28.3 | 28.7 | 30.1 | 29.3 | 29.6 | --- | --- | --- | 29.6 | 29.1 | 29.3 |
| **4** | 28.9 | 28.3 | 28.6 | 30.2 | 29.5 | 29.8 | --- | --- | --- | 29.8 | 29.1 | 29.4 |
| **5** | 28.7 | 28.3 | 28.5 | 30.0 | 29.2 | 29.6 | --- | --- | --- | 30.2 | 28.9 | 29.5 |
| **6** | 28.7 | 28.1 | 28.4 | 30.2 | 29.3 | 29.5 | --- | --- | --- | 29.9 | 29.1 | 29.3 |
| **7** | 29.0 | 28.3 | 28.6 | 30.8 | 29.3 | 29.9 | --- | --- | --- | 30.6 | 29.0 | 29.6 |
| **8** | 29.4 | 28.6 | 29.0 | 30.8 | 29.6 | 30.2 | --- | --- | --- | 30.1 | 29.3 | 29.9 |
| **9** | 29.6 | 28.8 | 29.2 | 31.0 | 29.8 | 30.1 | --- | --- | --- | --- | --- | --- |
| **10** | 29.5 | 28.9 | 29.1 | 30.3 | 29.5 | 29.8 | --- | --- | --- | --- | --- | --- |
| **11** | 29.5 | 28.9 | 29.2 | 30.2 | 29.7 | 30.0 | --- | --- | --- | --- | --- | --- |
| **12** | 29.6 | 28.8 | 29.3 | 30.4 | 29.8 | 30.1 | --- | --- | --- | --- | --- | --- |
| **13** | 29.6 | 29.0 | 29.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 30.0 | 29.0 | 29.4 | --- | --- | --- | 31.4 | --- | --- | --- | --- | --- |
| **15** | 30.6 | 29.2 | 29.5 | --- | --- | --- | 31.5 | 29.7 | 30.7 | --- | --- | --- |
| **16** | 30.2 | 29.4 | 29.7 | 31.0 | 29.8 | 30.2 | 30.3 | 30.0 | 30.2 | --- | --- | --- |
| **17** | 32.5 | 29.1 | 29.8 | 30.9 | 29.9 | 30.3 | 30.1 | 29.6 | 29.7 | 24.6 | 23.8 | 24.3 |
| **18** | 30.1 | 28.9 | 29.5 | 30.9 | 29.9 | 30.3 | 29.9 | 29.6 | 29.6 | 24.7 | 23.9 | 24.3 |
| **19** | 30.3 | 28.9 | 29.2 | 31.2 | 30.2 | 30.5 | 29.8 | 29.4 | 29.6 | 24.4 | 24.0 | 24.1 |
| **20** | 29.9 | 29.0 | 29.3 | 31.1 | 30.1 | 30.4 | --- | --- | --- | 25.3 | 24.0 | 24.6 |
| **21** | 30.6 | 29.0 | 29.4 | 32.2 | 30.3 | 30.7 | 29.1 | 28.8 | 29.0 | 25.8 | 24.2 | 25.2 |
| **22** | 31.5 | 29.5 | 30.2 | 31.8 | 30.4 | 31.3 | 29.6 | 28.8 | 29.0 | 26.2 | 25.2 | 25.7 |
| **23** | 31.2 | 29.6 | 30.1 | 31.4 | 30.4 | 30.7 | 30.4 | 29.0 | 29.4 | 26.4 | 26.0 | 26.2 |
| **24** | 31.1 | 30.2 | 30.5 | 30.4 | 29.4 | 29.8 | 30.4 | 29.3 | 29.8 | 27.0 | 26.0 | 26.6 |
| **25** | 30.4 | 29.7 | 30.1 | 30.0 | 29.1 | 29.4 | 31.2 | 29.0 | 29.4 | 26.6 | 25.7 | 26.2 |
| **26** | 30.2 | 29.6 | 29.8 | 30.0 | 29.2 | 29.5 | --- | --- | --- | 26.4 | 25.9 | 26.2 |
| **27** | --- | --- | --- | 32.2 | 29.1 | 30.2 | --- | --- | --- | 26.2 | 25.8 | 26.0 |
| **28** | --- | --- | --- | 32.8 | 29.0 | 30.4 | 29.8 | 28.8 | 28.9 | 26.0 | 25.6 | 25.8 |
| **29** | 29.7 | 29.2 | 29.4 | 31.5 | 30.0 | 30.5 | 29.7 | 29.0 | 29.3 | 26.6 | 25.5 | 25.9 |
| **30** | 30.6 | 29.2 | 29.6 | 31.5 | 30.0 | 30.3 | 31.5 | 29.2 | --- | 25.9 | 25.5 | 25.7 |
| **31** | --- | --- | --- | 31.2 | 30.0 | 30.3 | 31.1 | 29.3 | 30.2 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 226 | 215 | 220 | 68 | 65 | 66 | 118 | 114 | 117 | 175 | 162 | 166 |
| **2** | 227 | 219 | 222 | 68 | 65 | 66 | 120 | 117 | 118 | 218 | 163 | 178 |
| **3** | 222 | 220 | 221 | 73 | 66 | 69 | 128 | 119 | 123 | 237 | 207 | 221 |
| **4** | 224 | 220 | 222 | 72 | 69 | 70 | 124 | 119 | 122 | 242 | 229 | 235 |
| **5** | 230 | 222 | 225 | 74 | 70 | 72 | 124 | 121 | 122 | 234 | 227 | 229 |
| **6** | 239 | 223 | 230 | 73 | 70 | 71 | 122 | 120 | 121 | 230 | 222 | 226 |
| **7** | --- | --- | --- | 74 | 71 | 72 | 131 | 120 | 123 | 222 | 205 | 213 |
| **8** | --- | --- | --- | 77 | 71 | 73 | 134 | 122 | 128 | 210 | 200 | 204 |
| **9** | --- | --- | --- | 84 | 74 | 79 | 130 | 124 | 127 | 206 | 188 | 195 |
| **10** | --- | --- | --- | 92 | 82 | 88 | 131 | 126 | 128 | 194 | 183 | 188 |
| **11** | --- | --- | --- | 95 | 88 | 92 | 130 | 126 | 128 | 187 | 179 | 184 |
| **12** | --- | --- | --- | 101 | 92 | 95 | 129 | 124 | 127 | 187 | 179 | 183 |
| **13** | 252 | 236 | 240 | 103 | 95 | 99 | 126 | 123 | 124 | 188 | 181 | 185 |
| **14** | 252 | 237 | 243 | 101 | 94 | 98 | 127 | 124 | 124 | 188 | 176 | 183 |
| **15** | 251 | 236 | 245 | 103 | 95 | 99 | 142 | 123 | 131 | 186 | 167 | 178 |
| **16** | 268 | 234 | 248 | 104 | 97 | 101 | 135 | 127 | 131 | 178 | 168 | 176 |
| **17** | 271 | 127 | 224 | 102 | 99 | 101 | 137 | 128 | 132 | 181 | 177 | 178 |
| **18** | 153 | 97 | 119 | 102 | 100 | 101 | 135 | 130 | 132 | 177 | 146 | 158 |
| **19** | 109 | 80 | 95 | 107 | 100 | 104 | 141 | 131 | 136 | 146 | 141 | 143 |
| **20** | 99 | 79 | 91 | 107 | 101 | 105 | 149 | 135 | 141 | 153 | 144 | 148 |
| **21** | 90 | 80 | 86 | 108 | 101 | 104 | 141 | 139 | 140 | 155 | 142 | 148 |
| **22** | 85 | 71 | 77 | 107 | 103 | 104 | 148 | 141 | 145 | 167 | 143 | 153 |
| **23** | 83 | 76 | 79 | 109 | 106 | 107 | 160 | 145 | 146 | 168 | 149 | 157 |
| **24** | 90 | 80 | 83 | 114 | 107 | 108 | 167 | 140 | 152 | 163 | 152 | 159 |
| **25** | 85 | 81 | 82 | 114 | 108 | 111 | 154 | 141 | 146 | 164 | 153 | 158 |
| **26** | 84 | 79 | 82 | 111 | 107 | 108 | 160 | 143 | 150 | 160 | 154 | 158 |
| **27** | 82 | 78 | 80 | 109 | 108 | 108 | 152 | 150 | 152 | 161 | 148 | 155 |
| **28** | 112 | 79 | 87 | 112 | 108 | 109 | 166 | 152 | 156 | 154 | 141 | 147 |
| **29** | 89 | 66 | 83 | 112 | 109 | 111 | 186 | 164 | 174 | 150 | 145 | 147 |
| **30** | 78 | 59 | 72 | 116 | 111 | 113 | 170 | 161 | 166 | 150 | 142 | 147 |
| **31** | 68 | 60 | 65 | --- | --- | --- | 164 | 162 | 163 | 143 | 128 | 137 |
| **Month** | --- | --- | --- | 116 | 65 | 93 | 186 | 114 | 136 | 242 | 128 | 175 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 148 | 134 | 143 | 153 | 151 | 152 | 177 | 155 | 161 | 176 | 172 | 175 |
| **2** | 143 | 133 | 139 | 155 | 152 | 153 | 173 | 157 | 168 | 184 | 176 | 179 |
| **3** | 137 | 131 | 134 | 156 | 153 | 155 | 174 | 168 | 172 | 179 | 176 | 177 |
| **4** | 138 | 132 | 135 | 159 | 155 | 157 | 174 | 171 | 173 | 198 | 177 | 184 |
| **5** | 137 | 132 | 134 | 159 | 153 | 156 | 173 | 163 | 171 | 211 | 198 | 206 |
| **6** | 136 | 135 | 136 | 158 | 155 | 156 | 171 | 169 | 170 | 200 | 159 | 174 |
| **7** | 136 | 135 | 135 | 159 | 154 | 156 | 169 | 167 | 168 | 185 | 161 | 171 |
| **8** | 136 | 135 | 136 | 167 | 156 | 160 | 169 | 165 | 167 | 164 | 148 | 156 |
| **9** | 138 | 136 | 137 | 167 | 157 | 161 | 168 | 161 | 165 | 161 | 149 | 157 |
| **10** | 139 | 138 | 139 | 166 | 157 | 161 | 166 | 163 | 165 | 158 | 135 | 145 |
| **11** | 139 | 138 | 138 | 167 | 160 | 161 | 166 | 164 | 165 | 154 | 148 | 151 |
| **12** | 142 | 138 | 140 | 162 | 159 | 161 | 166 | 161 | 164 | 154 | 144 | 149 |
| **13** | 143 | 138 | 141 | 162 | 160 | 161 | 167 | 162 | 165 | 157 | 143 | 150 |
| **14** | 144 | 140 | 142 | 183 | 162 | 169 | 168 | 166 | 167 | 149 | 143 | 147 |
| **15** | 144 | 139 | 142 | 277 | 172 | 209 | 168 | 167 | 167 | 149 | 144 | 146 |
| **16** | 146 | 143 | 144 | 251 | 197 | 215 | 168 | 167 | 168 | 151 | 146 | 149 |
| **17** | 147 | 141 | 144 | 216 | 167 | 200 | 169 | 168 | 168 | 154 | 150 | 151 |
| **18** | 146 | 142 | 144 | 169 | 146 | 154 | 170 | 165 | 168 | 158 | 153 | 155 |
| **19** | 145 | 142 | 144 | 151 | 137 | 143 | --- | --- | --- | 159 | 155 | 156 |
| **20** | 147 | 142 | 144 | 152 | 134 | 140 | --- | --- | --- | 160 | 157 | 158 |
| **21** | 149 | 145 | 147 | 152 | 140 | 147 | --- | --- | --- | 158 | 157 | 158 |
| **22** | 149 | 146 | 147 | 151 | 146 | 150 | --- | --- | --- | 159 | 158 | 159 |
| **23** | 148 | 146 | 147 | 149 | 146 | 148 | --- | --- | --- | 160 | 159 | 160 |
| **24** | 149 | 146 | 147 | 148 | 147 | 148 | 167 | 166 | 167 | 162 | 160 | 161 |
| **25** | 150 | 148 | 149 | 148 | 143 | 146 | 169 | 166 | 167 | 162 | 161 | 161 |
| **26** | 151 | 149 | 150 | 147 | 143 | 145 | 169 | 166 | 167 | 164 | 162 | 163 |
| **27** | 156 | 150 | 153 | 146 | 141 | 144 | 180 | 162 | 170 | 165 | 162 | 163 |
| **28** | 155 | 150 | 152 | 145 | 141 | 144 | 183 | 168 | 173 | 174 | 162 | 169 |
| **29** | --- | --- | --- | 145 | 139 | 141 | 190 | 174 | 181 | 203 | 162 | 191 |
| **30** | --- | --- | --- | 141 | 138 | 140 | 180 | 174 | 177 | 191 | 185 | 188 |
| **31** | --- | --- | --- | 163 | 138 | 145 | --- | --- | --- | 190 | 178 | 186 |
| **Month** | 156 | 131 | 142 | 277 | 134 | 157 | --- | --- | --- | 211 | 135 | 164 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 182 | 162 | 175 | 187 | 186 | 187 | 140 | 135 | 137 | 174 | 171 | 173 |
| **2** | 181 | 150 | 169 | 187 | 185 | 186 | 141 | 135 | 138 | 182 | 173 | 177 |
| **3** | 161 | 148 | 153 | 186 | 181 | 184 | 140 | 135 | 138 | 177 | 171 | 174 |
| **4** | 165 | 144 | 154 | 182 | 181 | 182 | 142 | 139 | 141 | 175 | 172 | 173 |
| **5** | 157 | 147 | 151 | 183 | 181 | 181 | 144 | 140 | 142 | 180 | 172 | 175 |
| **6** | 159 | 148 | 155 | 185 | 181 | 183 | 144 | 137 | 139 | 196 | 174 | 180 |
| **7** | 156 | 154 | 155 | 182 | 177 | 180 | 144 | 138 | 142 | 198 | 176 | 186 |
| **8** | 156 | 153 | 154 | 178 | 172 | 176 | 147 | 142 | 144 | 196 | 185 | 189 |
| **9** | 155 | 152 | 154 | 177 | 163 | 171 | 147 | 142 | 144 | 192 | 188 | 190 |
| **10** | 154 | 151 | 153 | 169 | 162 | 166 | 146 | 142 | 144 | 194 | 189 | 190 |
| **11** | 153 | 150 | 151 | 169 | 159 | 164 | 147 | 140 | 144 | 195 | 191 | 193 |
| **12** | 153 | 151 | 152 | 167 | 160 | 162 | 150 | 139 | 142 | 205 | 193 | 196 |
| **13** | 153 | 150 | 152 | 169 | 162 | 166 | 146 | 141 | 144 | 204 | 195 | 198 |
| **14** | 154 | 151 | 152 | 166 | 162 | 163 | 152 | 142 | 148 | 202 | 193 | 197 |
| **15** | 154 | 151 | 152 | 164 | 161 | 162 | 155 | 147 | 150 | 206 | 196 | 200 |
| **16** | 152 | 151 | 151 | 161 | 160 | 160 | 152 | 142 | 147 | 210 | 199 | 205 |
| **17** | 154 | 151 | 152 | 161 | 159 | 160 | 147 | 137 | 142 | 210 | 199 | 204 |
| **18** | 155 | 151 | 153 | 165 | 159 | 162 | 143 | 135 | 139 | 206 | 203 | 204 |
| **19** | 169 | 153 | 156 | 164 | 161 | 163 | 144 | 138 | 141 | 206 | 200 | 203 |
| **20** | 169 | 156 | 162 | 163 | 147 | 156 | 144 | 140 | 142 | 200 | 197 | 199 |
| **21** | 175 | 168 | 173 | 150 | 140 | 144 | 171 | 140 | 151 | 202 | 200 | 200 |
| **22** | 183 | 171 | 177 | 141 | 128 | 137 | 158 | 154 | 156 | 203 | 198 | 200 |
| **23** | 187 | 174 | 181 | 131 | 126 | 128 | 163 | 158 | 161 | 204 | 200 | 202 |
| **24** | 188 | 180 | 183 | 134 | 127 | 130 | 165 | 161 | 163 | 207 | 202 | 204 |
| **25** | 190 | 183 | 186 | 137 | 129 | 132 | 171 | 164 | 167 | 204 | 201 | 202 |
| **26** | 186 | 181 | 183 | 135 | 130 | 132 | 182 | 169 | 176 | 204 | 200 | 202 |
| **27** | 191 | 183 | 186 | 133 | 131 | 132 | 181 | 175 | 177 | 202 | 199 | 201 |
| **28** | 188 | 186 | 187 | 135 | 132 | 133 | 181 | 166 | 173 | 202 | 199 | 200 |
| **29** | 187 | 185 | 187 | 134 | 132 | 133 | 172 | 166 | 170 | 208 | 202 | 205 |
| **30** | 188 | 186 | 187 | 137 | 132 | 135 | 172 | 166 | 170 | 211 | 206 | 209 |
| **31** | --- | --- | --- | 141 | 133 | 138 | 173 | 166 | 171 | --- | --- | --- |
| **Month** | 191 | 144 | 165 | 187 | 126 | 158 | 182 | 135 | 151 | 211 | 171 | 194 |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 212 | 208 | 210 | 214 | 209 | 212 | 213 | 210 | 212 | 220 | 214 | 217 |
| **2** | 209 | 205 | 207 | 215 | 198 | 181 | 213 | 207 | 211 | 222 | 218 | 220 |
| **3** | 208 | 205 | 206 | 205 | 194 | 201 | 212 | 207 | 210 | 224 | 219 | 221 |
| **4** | 207 | 205 | 206 | 211 | 198 | 207 | 212 | 209 | 210 | 224 | 215 | 219 |
| **5** | 210 | 206 | 208 | 212 | 205 | 208 | 211 | 209 | 210 | 222 | 218 | 220 |
| **6** | 211 | 205 | 209 | 207 | 203 | 204 | 211 | 208 | 210 | 219 | 218 | 218 |
| **7** | 210 | 207 | 208 | 205 | 197 | 202 | 210 | 207 | 208 | 223 | 219 | 220 |
| **8** | 214 | 207 | 211 | 205 | 201 | 204 | 208 | 207 | 207 | 222 | 219 | 221 |
| **9** | 217 | 209 | 211 | 207 | 201 | 203 | 208 | 208 | 208 | 225 | 222 | 224 |
| **10** | 220 | 212 | 216 | 207 | 204 | 205 | 208 | 208 | 208 | 225 | 221 | 222 |
| **11** | 213 | 208 | 211 | 204 | 203 | 204 | 210 | 208 | 208 | 226 | 221 | 224 |
| **12** | 228 | 213 | 220 | 206 | 204 | 205 | 213 | 206 | 208 | 227 | 223 | 225 |
| **13** | 226 | 215 | 217 | 206 | 204 | 205 | 209 | 205 | 207 | 229 | 224 | 226 |
| **14** | 217 | 215 | 216 | 208 | 203 | 205 | 208 | 204 | 207 | 229 | 225 | 227 |
| **15** | 218 | 212 | 216 | 206 | 204 | 205 | 208 | 202 | 204 | 232 | 225 | 229 |
| **16** | 229 | 212 | 220 | 206 | 204 | 205 | 208 | 206 | 207 | 236 | 226 | 230 |
| **17** | 251 | 229 | 240 | 205 | 204 | 205 | 209 | 206 | 207 | 234 | 228 | 230 |
| **18** | 242 | 215 | 227 | 204 | 201 | 202 | 208 | 206 | 207 | 236 | 224 | 229 |
| **19** | 237 | 220 | 230 | 203 | 200 | 202 | 208 | 206 | 207 | 244 | 223 | 230 |
| **20** | 230 | 211 | 220 | 204 | 200 | 202 | 207 | 205 | 206 | 245 | 232 | 238 |
| **21** | 223 | 217 | 221 | 212 | 202 | 207 | 210 | 207 | 208 | 239 | 234 | 235 |
| **22** | 225 | 220 | 223 | 235 | 209 | 223 | 212 | 209 | 210 | 259 | 236 | 248 |
| **23** | 225 | 217 | 220 | 232 | 219 | 228 | 217 | 210 | 214 | 261 | 249 | 254 |
| **24** | 220 | 218 | 219 | 233 | 221 | 226 | 218 | 215 | 217 | 261 | 256 | 259 |
| **25** | 218 | 214 | 216 | 225 | 216 | 219 | 224 | 217 | 222 | 261 | 246 | 254 |
| **26** | 218 | 216 | 217 | 221 | 215 | 218 | 224 | 213 | 218 | 252 | 239 | 247 |
| **27** | 218 | 207 | 214 | 216 | 211 | 214 | 218 | 215 | 217 | 247 | 242 | 245 |
| **28** | 216 | 206 | 209 | 215 | 211 | 213 | 215 | 213 | 215 | 243 | 239 | 240 |
| **29** | 218 | 206 | 211 | 214 | 211 | 212 | 218 | 215 | 216 | 244 | 238 | 241 |
| **30** | 212 | 208 | 209 | 213 | 211 | 212 | 223 | 216 | 217 | 242 | 230 | 236 |
| **31** | 214 | 210 | 212 | --- | --- | --- | 219 | 214 | 216 | 241 | 235 | 237 |
| **Month** | 251 | 205 | 215 | 235 | 194 | 208 | 224 | 202 | 211 | 261 | 214 | 232 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 243 | 235 | 239 | 144 | 142 | 143 | 200 | 196 | 198 | 233 | 227 | 229 |
| **2** | 238 | 234 | 236 | 146 | 142 | 143 | 203 | 197 | 199 | 234 | 229 | 231 |
| **3** | 237 | 232 | 235 | 145 | 141 | 143 | 204 | 196 | 200 | 235 | 217 | 228 |
| **4** | 235 | 232 | 234 | 144 | 140 | 142 | 197 | 195 | 196 | 223 | 216 | 219 |
| **5** | 235 | 226 | 232 | 142 | 140 | 141 | 201 | 195 | 198 | 218 | 211 | 215 |
| **6** | 234 | 229 | 232 | 142 | 140 | 141 | 203 | 199 | 200 | 232 | 212 | 223 |
| **7** | --- | --- | --- | 142 | 139 | 141 | 202 | 199 | 201 | 273 | 226 | 240 |
| **8** | 226 | 225 | 226 | 143 | 140 | 142 | 199 | 197 | 198 | 252 | 233 | 243 |
| **9** | 226 | 221 | 223 | 142 | 141 | 142 | 200 | 198 | 199 | 252 | 247 | 249 |
| **10** | 223 | 215 | 220 | 143 | 142 | 142 | 206 | 198 | 202 | 252 | 240 | 246 |
| **11** | 223 | 215 | 220 | 145 | 143 | 143 | 207 | 201 | 203 | 241 | 226 | 236 |
| **12** | 224 | 221 | 223 | 149 | 144 | 144 | 209 | 203 | 206 | 236 | 226 | 232 |
| **13** | 223 | 219 | 221 | 176 | 149 | 163 | 210 | 204 | 207 | 235 | 226 | 231 |
| **14** | 224 | 219 | 221 | 184 | 161 | 172 | 207 | 203 | 206 | 235 | 231 | 233 |
| **15** | 225 | 218 | 221 | 186 | 171 | 179 | 215 | 207 | 210 | 236 | 228 | 231 |
| **16** | 222 | 216 | 219 | 187 | 177 | 181 | 216 | 209 | 212 | 229 | 224 | 226 |
| **17** | 224 | 214 | 217 | 191 | 176 | 185 | 213 | 209 | 211 | 224 | 219 | 222 |
| **18** | 230 | 217 | 223 | 185 | 178 | 181 | 212 | 210 | 211 | 225 | 210 | 217 |
| **19** | 233 | 215 | 226 | 189 | 179 | 184 | 214 | 211 | 212 | 215 | 202 | 209 |
| **20** | 218 | 194 | 199 | 195 | 184 | 186 | 220 | 214 | 215 | 226 | 205 | 215 |
| **21** | 202 | 140 | 163 | 189 | 185 | 186 | 222 | 215 | 217 | 224 | 214 | 218 |
| **22** | 143 | 140 | 141 | 188 | 185 | 187 | 229 | 218 | 221 | 223 | 219 | 221 |
| **23** | 143 | 140 | 142 | 192 | 187 | 190 | 220 | 217 | 218 | 222 | 219 | 220 |
| **24** | 154 | 142 | 152 | 191 | 183 | 187 | 221 | 217 | 218 | 224 | 220 | 222 |
| **25** | 154 | 149 | 152 | 191 | 186 | 188 | 230 | 217 | 222 | 222 | 218 | 221 |
| **26** | 149 | 132 | 144 | 192 | 188 | 189 | 225 | 221 | 223 | 224 | 220 | 222 |
| **27** | 146 | 134 | 142 | 195 | 189 | 193 | 234 | 225 | 229 | 223 | 219 | 221 |
| **28** | 145 | 140 | 143 | 198 | 191 | 195 | 237 | 230 | 234 | 226 | 219 | 222 |
| **29** | 144 | 138 | 141 | 197 | 195 | 196 | 234 | 231 | 233 | 227 | 216 | 222 |
| **30** | --- | --- | --- | 197 | 195 | 197 | 231 | 229 | 231 | 226 | 217 | 221 |
| **31** | --- | --- | --- | 198 | 196 | 197 | --- | --- | --- | 225 | 221 | 223 |
| **Month** | --- | --- | --- | 198 | 139 | 169 | 237 | 195 | 211 | 273 | 202 | 226 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 227 | 223 | 224 | 241 | 236 | 238 | 280 | 272 | 276 | 288 | 277 | 281 |
| **2** | 228 | 225 | 227 | 243 | 235 | 239 | 278 | 273 | 275 | 283 | 278 | 281 |
| **3** | 231 | 227 | 229 | 244 | 235 | 241 | --- | --- | --- | 285 | 279 | 282 |
| **4** | 231 | 221 | 226 | 245 | 234 | 239 | --- | --- | --- | 285 | 280 | 283 |
| **5** | 222 | 221 | 221 | 242 | 233 | 239 | --- | --- | --- | 284 | 276 | 281 |
| **6** | 222 | 220 | 221 | 309 | 237 | 247 | --- | --- | --- | 276 | 268 | 272 |
| **7** | 222 | 220 | 221 | 244 | 238 | 240 | --- | --- | --- | 274 | 265 | 270 |
| **8** | 223 | 221 | 222 | 246 | 239 | 242 | --- | --- | --- | 279 | 262 | 271 |
| **9** | 225 | 223 | 224 | 247 | 243 | 245 | --- | --- | --- | --- | --- | --- |
| **10** | 225 | 224 | 224 | 252 | 245 | 247 | --- | --- | --- | --- | --- | --- |
| **11** | 226 | 224 | 224 | 295 | 246 | 260 | --- | --- | --- | --- | --- | --- |
| **12** | 225 | 224 | 224 | 258 | 249 | 254 | --- | --- | --- | --- | --- | --- |
| **13** | 227 | 224 | 224 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 228 | 224 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 228 | 225 | 226 | --- | --- | --- | 289 | 283 | 286 | --- | --- | --- |
| **16** | 233 | 226 | 229 | 270 | 261 | 266 | 287 | 283 | 285 | --- | --- | --- |
| **17** | 234 | 227 | 231 | 277 | 262 | 269 | 294 | 286 | 288 | 80 | 76 | 78 |
| **18** | 236 | 229 | 232 | 277 | 266 | 270 | 295 | 286 | 291 | 78 | 67 | 73 |
| **19** | 234 | 230 | 232 | 273 | 264 | 268 | 287 | 286 | 286 | 71 | 63 | 66 |
| **20** | 236 | 230 | 233 | 275 | 267 | 271 | --- | --- | --- | 72 | 65 | 69 |
| **21** | 235 | 230 | 232 | 283 | 268 | 275 | 287 | 282 | 284 | 75 | 67 | 73 |
| **22** | 237 | 233 | 234 | 279 | 262 | 269 | 291 | 285 | 287 | 88 | 74 | 80 |
| **23** | 240 | 232 | 236 | 273 | 265 | 270 | 293 | 287 | 289 | 104 | 75 | 84 |
| **24** | 238 | 232 | 234 | 273 | 263 | 267 | 295 | 287 | 290 | 103 | 83 | 91 |
| **25** | 236 | 231 | 233 | 265 | 261 | 263 | 293 | 287 | 290 | 125 | 91 | 111 |
| **26** | 236 | 232 | 233 | 265 | 259 | 261 | --- | --- | --- | 127 | 102 | 116 |
| **27** | --- | --- | --- | 268 | 260 | 263 | --- | --- | --- | 123 | 99 | 116 |
| **28** | --- | --- | --- | 395 | 260 | 301 | 287 | 276 | 284 | 130 | 104 | 120 |
| **29** | 242 | 235 | 238 | 270 | 262 | 266 | 284 | 276 | 280 | 129 | 105 | 116 |
| **30** | 241 | 238 | 239 | 273 | 268 | 270 | 283 | 272 | 279 | 121 | 111 | 116 |
| **31** | --- | --- | --- | 276 | 272 | 275 | 288 | 270 | 279 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.8 | 8.2 | 6.7 | 6.6 | 7.2 | 7.1 | 7.6 | 7.5 | 7.3 | 7.2 | 7.4 | 7.2 |
| **2** | 8.8 | 8.2 | 6.9 | 6.7 | 7.3 | 7.1 | 7.7 | 7.5 | 7.3 | 7.2 | 7.3 | 7.2 |
| **3** | 8.9 | 8.3 | 7.0 | 6.9 | 7.3 | 7.0 | 7.7 | 7.7 | 7.2 | 7.1 | 7.3 | 7.2 |
| **4** | 8.8 | 8.2 | 6.9 | 6.8 | 7.3 | 7.0 | 7.7 | 7.6 | 7.2 | 7.1 | 7.3 | 7.3 |
| **5** | 8.4 | 8.0 | 6.9 | 6.9 | 7.1 | 7.0 | 7.6 | 7.5 | 7.2 | 7.1 | 7.3 | 7.3 |
| **6** | 9.3 | 8.2 | 6.9 | 6.9 | 7.1 | 7.1 | 7.6 | 7.6 | 7.2 | 7.1 | 7.4 | 7.3 |
| **7** | --- | --- | 6.9 | 6.9 | 7.3 | 7.1 | 7.6 | 7.5 | 7.2 | 7.1 | 7.4 | 7.2 |
| **8** | --- | --- | 6.9 | 6.8 | 7.3 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 | 7.4 | 7.2 |
| **9** | --- | --- | 7.0 | 6.8 | 7.2 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 | 7.3 | 7.2 |
| **10** | --- | --- | 7.0 | 6.9 | 7.1 | 7.1 | 7.4 | 7.4 | 7.1 | 7.1 | 7.3 | 7.1 |
| **11** | --- | --- | 7.1 | 7.0 | 7.1 | 7.0 | 7.4 | 7.3 | 7.2 | 7.1 | 7.4 | 7.2 |
| **12** | --- | --- | 7.2 | 7.1 | 7.4 | 7.0 | 7.4 | 7.3 | 7.2 | 7.2 | 7.4 | 7.3 |
| **13** | 8.7 | 8.0 | 7.2 | 7.1 | 7.4 | 7.2 | 7.4 | 7.4 | 7.2 | 7.2 | 7.3 | 7.2 |
| **14** | 8.9 | 8.2 | 7.1 | 7.0 | 7.4 | 7.2 | 7.4 | 7.3 | 7.3 | 7.2 | 7.3 | 7.2 |
| **15** | 8.9 | 8.4 | 7.2 | 7.0 | 7.5 | 7.3 | 7.4 | 7.3 | 7.3 | 7.3 | 8.6 | 7.3 |
| **16** | 8.4 | 8.0 | 7.3 | 7.1 | 7.5 | 7.3 | 7.5 | 7.4 | 7.3 | 7.3 | 7.9 | 7.4 |
| **17** | 8.0 | 7.0 | 7.1 | 7.1 | 7.5 | 7.3 | 7.5 | 7.4 | 7.4 | 7.3 | 7.4 | 7.1 |
| **18** | 7.2 | 6.8 | 7.2 | 7.0 | 7.5 | 7.3 | 7.4 | 7.2 | 7.4 | 7.3 | 7.2 | 7.0 |
| **19** | 6.9 | 6.8 | 7.2 | 7.1 | 7.6 | 7.3 | 7.2 | 7.2 | 7.4 | 7.3 | 7.1 | 7.0 |
| **20** | 6.9 | 6.8 | 7.2 | 7.0 | 7.6 | 7.4 | 7.4 | 7.2 | 7.4 | 7.3 | 7.1 | 7.0 |
| **21** | 6.8 | 6.7 | 7.1 | 7.0 | 7.5 | 7.4 | 7.4 | 7.2 | 7.3 | 7.2 | 7.2 | 7.1 |
| **22** | 6.8 | 6.6 | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.2 | 7.4 | 7.2 | 7.2 | 7.0 |
| **23** | 6.9 | 6.7 | 7.0 | 7.0 | 7.5 | 7.4 | 7.4 | 7.1 | 7.5 | 7.4 | 7.2 | 7.1 |
| **24** | 6.9 | 6.8 | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 |
| **25** | 6.9 | 6.8 | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 |
| **26** | 6.9 | 6.8 | 7.2 | 7.0 | 7.6 | 7.4 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 |
| **27** | 6.9 | 6.8 | 7.1 | 6.9 | 7.4 | 7.4 | 7.4 | 7.3 | 7.4 | 7.2 | 7.2 | 7.1 |
| **28** | 7.0 | 6.9 | 7.0 | 6.8 | 7.5 | 7.4 | 7.3 | 7.2 | 7.4 | 7.3 | 7.2 | 7.1 |
| **29** | 6.9 | 6.7 | 7.0 | 6.9 | 7.6 | 7.5 | 7.3 | 7.3 | --- | --- | 7.3 | 7.1 |
| **30** | 6.8 | 6.6 | 7.2 | 7.0 | 7.6 | 7.5 | 7.3 | 7.3 | --- | --- | 7.3 | 7.1 |
| **31** | 6.6 | 6.6 | --- | --- | 7.5 | 7.5 | 7.3 | 7.2 | --- | --- | 7.4 | 7.2 |
| **Month** | --- | --- | 7.3 | 6.6 | 7.6 | 7.0 | 7.7 | 7.1 | 7.5 | 7.1 | 8.6 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.4 | 7.3 | 7.6 | 7.2 | 8.8 | 8.7 | 7.9 | 7.3 | 7.8 | 6.9 | 8.5 | 7.6 |
| **2** | 7.5 | 7.4 | 7.5 | 7.1 | 8.8 | 8.7 | 7.6 | 7.3 | 7.7 | 7.1 | 8.4 | 7.6 |
| **3** | 7.6 | 7.0 | 7.4 | 7.3 | 8.8 | 8.7 | 8.0 | 7.3 | 9.3 | 7.3 | 8.4 | 7.5 |
| **4** | 7.2 | 6.8 | 7.6 | 7.3 | 8.8 | 6.9 | 7.7 | 7.6 | 8.2 | 7.3 | 8.0 | 7.6 |
| **5** | 7.4 | 7.0 | 7.5 | 7.4 | 7.6 | 6.9 | 7.9 | 7.5 | 7.5 | 7.1 | 8.1 | 7.5 |
| **6** | 7.4 | 7.0 | 7.4 | 7.2 | 7.7 | 6.9 | 7.8 | 7.4 | 8.0 | 7.3 | 8.3 | 7.5 |
| **7** | 7.4 | 7.3 | 7.3 | 7.1 | 7.5 | 7.3 | 7.7 | 7.4 | 8.0 | 7.2 | 8.3 | 7.5 |
| **8** | 7.5 | 7.4 | 7.2 | 7.0 | 7.3 | 7.2 | 7.8 | 7.5 | 7.6 | 7.2 | 8.9 | 7.7 |
| **9** | 7.5 | 7.3 | 7.3 | 6.8 | 7.3 | 7.1 | 8.1 | 7.7 | 7.7 | 7.0 | 8.8 | 7.9 |
| **10** | 7.4 | 7.2 | 7.1 | 6.7 | 7.2 | 7.0 | 8.0 | 7.6 | 7.3 | 6.1 | 8.8 | 7.5 |
| **11** | 7.4 | 7.2 | 7.2 | 7.0 | 7.2 | 7.0 | 8.0 | 7.7 | 7.2 | 6.7 | 9.1 | 7.4 |
| **12** | 7.4 | 7.2 | 7.2 | 6.6 | 7.1 | 7.0 | 8.1 | 7.7 | 7.8 | 6.9 | 8.7 | 7.7 |
| **13** | 7.4 | 7.3 | 6.9 | 6.6 | 7.4 | 6.9 | 8.0 | 6.8 | 7.6 | 7.2 | 8.0 | 7.6 |
| **14** | 7.4 | 7.3 | 7.0 | 6.6 | 7.8 | 7.0 | 7.6 | 6.8 | 7.6 | 7.3 | 9.0 | 7.7 |
| **15** | 7.4 | 7.3 | 7.2 | 6.5 | 7.6 | 7.2 | 7.4 | 7.0 | 7.7 | 7.4 | 9.1 | 8.8 |
| **16** | 7.4 | 7.2 | 7.2 | 6.7 | 7.6 | 7.5 | 7.5 | 7.2 | 7.7 | 7.6 | 9.1 | 8.6 |
| **17** | 7.4 | 7.4 | 7.6 | 7.1 | 7.5 | 7.4 | 7.6 | 7.1 | 7.7 | 7.5 | 9.1 | 8.7 |
| **18** | 7.4 | 7.4 | 7.7 | 7.2 | 7.5 | 7.3 | 7.6 | 7.0 | 7.9 | 7.5 | 8.9 | 7.9 |
| **19** | --- | --- | 8.0 | 7.6 | 7.5 | 7.1 | 7.7 | 7.2 | 8.0 | 7.8 | 9.0 | 8.3 |
| **20** | --- | --- | 8.0 | 7.6 | 7.7 | 7.2 | 7.6 | 6.9 | 8.2 | 8.0 | 9.1 | 8.5 |
| **21** | --- | --- | 7.8 | 7.7 | 8.0 | 7.4 | 7.3 | 6.9 | 8.4 | 7.4 | 9.0 | 7.8 |
| **22** | --- | --- | 7.8 | 7.6 | 7.8 | 7.4 | 7.8 | 6.8 | 8.2 | 7.7 | 9.2 | 7.7 |
| **23** | --- | --- | 7.9 | 7.8 | 7.4 | 6.9 | 7.8 | 6.8 | 8.1 | 7.6 | 8.6 | 7.8 |
| **24** | 7.4 | 7.4 | 8.1 | 7.9 | 7.2 | 6.9 | 7.6 | 7.0 | 7.7 | 7.3 | 9.1 | 8.1 |
| **25** | 7.4 | 7.2 | 8.2 | 8.0 | 7.2 | 7.0 | 7.8 | 7.1 | 7.7 | 7.3 | 9.1 | 8.1 |
| **26** | 7.4 | 7.2 | 8.2 | 8.1 | 7.3 | 7.0 | 7.8 | 7.1 | 7.7 | 7.3 | 8.9 | 7.9 |
| **27** | 7.5 | 7.2 | 8.4 | 8.1 | 7.6 | 7.2 | 7.8 | 7.4 | 8.3 | 7.5 | 8.9 | 8.0 |
| **28** | 7.5 | 7.0 | 8.4 | 8.3 | 7.9 | 7.3 | 7.6 | 7.0 | 8.1 | 7.6 | 8.6 | 7.8 |
| **29** | 7.4 | 7.0 | 8.7 | 8.3 | 8.2 | 7.5 | 7.5 | 7.1 | 8.4 | 7.1 | 8.8 | 7.9 |
| **30** | 7.6 | 6.9 | 8.8 | 8.6 | 8.1 | 7.4 | 7.6 | 6.9 | 7.7 | 7.4 | 8.6 | 7.7 |
| **31** | --- | --- | 8.9 | 8.6 | --- | --- | 7.6 | 6.7 | 8.3 | 7.4 | --- | --- |
| **Month** | --- | --- | 8.9 | 6.5 | 8.8 | 6.9 | 8.1 | 6.7 | 9.3 | 6.1 | 9.2 | 7.4 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.0 | 7.6 | 8.6 | 8.2 | 8.4 | 7.6 | 7.9 | 7.8 | 7.8 | 7.6 | 7.3 | 7.2 |
| **2** | 8.0 | 7.4 | 9.0 | 8.0 | 7.6 | 7.4 | 8.0 | 7.9 | 7.7 | 7.6 | 7.3 | 7.3 |
| **3** | 7.9 | 7.4 | 9.2 | 7.9 | 7.6 | 7.5 | 8.0 | 7.9 | 7.7 | 7.5 | 7.4 | 7.3 |
| **4** | 9.1 | 7.6 | 8.6 | 7.5 | 7.6 | 7.4 | 8.0 | 7.9 | 7.5 | 7.5 | 7.4 | 7.3 |
| **5** | 9.0 | 8.3 | 8.7 | 7.4 | 7.5 | 7.3 | 7.9 | 7.8 | 7.5 | 7.4 | 7.4 | 7.3 |
| **6** | 8.3 | 7.7 | 9.0 | 8.4 | 7.5 | 7.4 | 7.9 | 7.8 | 7.5 | 7.4 | 7.4 | 7.3 |
| **7** | 8.8 | 7.9 | 9.0 | 8.5 | 7.7 | 7.0 | 7.8 | 7.8 | 7.5 | 7.3 | 7.5 | 7.4 |
| **8** | 9.0 | 8.2 | 8.5 | 8.2 | 7.8 | 7.6 | 7.8 | 7.7 | 7.7 | 7.6 | 7.5 | 7.4 |
| **9** | 8.8 | 8.4 | 8.6 | 7.7 | 7.8 | 7.6 | 7.8 | 7.7 | 7.7 | 7.5 | 7.5 | 7.4 |
| **10** | 8.9 | 8.3 | 8.5 | 7.7 | 8.0 | 7.7 | 7.7 | 7.7 | 7.9 | 7.6 | 7.5 | 7.4 |
| **11** | 9.1 | 8.2 | 8.6 | 8.2 | 7.9 | 7.6 | 7.8 | 7.6 | 8.1 | 7.6 | 7.5 | 7.4 |
| **12** | 9.1 | 8.4 | 8.5 | 8.0 | 7.8 | 7.2 | 7.9 | 7.8 | 7.9 | 7.5 | 7.5 | 7.4 |
| **13** | 8.9 | 8.3 | 8.4 | 7.7 | 7.7 | 7.6 | 7.9 | 7.8 | 7.7 | 7.5 | 7.5 | 7.4 |
| **14** | 8.6 | 8.2 | 7.8 | 7.5 | 7.7 | 7.7 | 8.3 | 7.8 | 7.7 | 7.5 | 7.5 | 7.3 |
| **15** | 8.4 | 8.1 | 8.2 | 7.7 | 7.8 | 7.6 | 8.2 | 7.8 | 7.7 | 7.6 | 7.6 | 7.4 |
| **16** | 8.6 | 8.0 | 8.5 | 7.9 | 7.8 | 7.8 | 8.2 | 7.8 | 7.7 | 7.6 | 7.6 | 7.5 |
| **17** | 8.8 | 8.2 | 8.4 | 8.1 | 7.9 | 7.8 | 8.0 | 7.9 | 7.6 | 7.5 | 7.7 | 7.6 |
| **18** | 8.4 | 7.8 | 8.7 | 8.0 | 8.0 | 7.7 | 8.0 | 7.8 | 7.6 | 7.6 | 7.7 | 7.6 |
| **19** | 9.1 | --- | 8.9 | 7.9 | 7.8 | 7.6 | 8.0 | 7.8 | 7.6 | 7.4 | 7.7 | 7.6 |
| **20** | 9.0 | 8.3 | 8.8 | 8.0 | 7.8 | 7.6 | 8.0 | 7.9 | 7.4 | 7.2 | 7.9 | 7.6 |
| **21** | 8.8 | 8.6 | 8.6 | 7.9 | 7.9 | 7.7 | 8.1 | 7.9 | 7.4 | 7.0 | 7.8 | 7.5 |
| **22** | 8.7 | 8.2 | 7.9 | 7.8 | 7.9 | 7.8 | 8.4 | 7.9 | 7.0 | 7.0 | 7.7 | 7.6 |
| **23** | 8.3 | 7.9 | 7.9 | 7.8 | 8.2 | 7.9 | 8.0 | 8.0 | 7.0 | 6.9 | 8.2 | 7.7 |
| **24** | 8.3 | 8.0 | 7.9 | 7.7 | 8.4 | 7.9 | 8.0 | 7.9 | 7.1 | 7.0 | 8.1 | 7.6 |
| **25** | 8.5 | 8.1 | 7.7 | 7.7 | 8.5 | 8.1 | 8.0 | 7.8 | 7.0 | 7.0 | 8.1 | 7.7 |
| **26** | 9.0 | 8.2 | 7.7 | 7.7 | 8.4 | 7.9 | 7.9 | 7.7 | 7.1 | 6.9 | 7.8 | 7.7 |
| **27** | 8.9 | 8.6 | 7.7 | 7.6 | 7.9 | 7.8 | 7.9 | 7.7 | 7.3 | 7.0 | 7.9 | 7.7 |
| **28** | 8.8 | 8.4 | 7.7 | 7.5 | 7.9 | 7.8 | 7.8 | 7.7 | 7.3 | 7.2 | 7.8 | 7.6 |
| **29** | 8.8 | 8.2 | 7.7 | 7.5 | 7.9 | 7.8 | 7.8 | 7.6 | 7.3 | 7.3 | 8.1 | 7.7 |
| **30** | 9.0 | 8.4 | 8.0 | 7.6 | 8.0 | 7.7 | 7.7 | 7.5 | --- | --- | 8.0 | 7.8 |
| **31** | 8.8 | 8.3 | --- | --- | 7.9 | 7.8 | 7.7 | 7.6 | --- | --- | 7.9 | 7.6 |
| **Month** | 9.1 | --- | 9.2 | 7.4 | 8.5 | 7.0 | 8.4 | 7.5 | 8.1 | 6.9 | 8.2 | 7.2 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 8.2 | 7.5 | 8.8 | 8.4 | 8.9 | 7.6 | 8.8 | 7.8 | 8.8 | 8.2 | 8.9 | 8.1 |
| **2** | 7.8 | 7.5 | 8.6 | 8.2 | 8.9 | 7.6 | 8.8 | 7.4 | 9.1 | 8.3 | 8.3 | 8.1 |
| **3** | 7.9 | 7.6 | 8.7 | 8.3 | 8.8 | 7.6 | 8.5 | 7.4 | --- | --- | 8.8 | 8.2 |
| **4** | 7.7 | 7.5 | 8.8 | 8.3 | 8.3 | 8.0 | 8.7 | 7.6 | --- | --- | 8.9 | 8.4 |
| **5** | 7.7 | 7.5 | 8.7 | 8.2 | 8.1 | 7.8 | 8.5 | 7.8 | --- | --- | 9.4 | 8.3 |
| **6** | 8.1 | 7.4 | 8.2 | 8.0 | 8.3 | 7.8 | 9.1 | 7.7 | --- | --- | 9.1 | 8.6 |
| **7** | 8.3 | 7.5 | 8.2 | 7.9 | 8.4 | 7.8 | 9.4 | 7.7 | --- | --- | 9.3 | 8.8 |
| **8** | 8.1 | 7.6 | 8.0 | 7.5 | 8.6 | 8.2 | 9.4 | 7.9 | --- | --- | 9.2 | 8.7 |
| **9** | 7.9 | 7.5 | 8.0 | 7.5 | 8.7 | 7.9 | 9.2 | 7.9 | --- | --- | --- | --- |
| **10** | 7.7 | 7.4 | 8.4 | 7.8 | 8.6 | 8.0 | 8.1 | 7.3 | --- | --- | --- | --- |
| **11** | 7.6 | 7.5 | 8.1 | 7.7 | 8.6 | 8.0 | 8.0 | 7.1 | --- | --- | --- | --- |
| **12** | 7.7 | 7.5 | 8.3 | 7.9 | 8.5 | 7.9 | 8.4 | 7.1 | --- | --- | --- | --- |
| **13** | 7.7 | 7.6 | 8.0 | 7.7 | 8.5 | 7.8 | --- | --- | --- | --- | --- | --- |
| **14** | 7.9 | 7.6 | 7.8 | 7.6 | 8.6 | 7.7 | --- | --- | --- | --- | --- | --- |
| **15** | 8.4 | 7.8 | 7.7 | 7.4 | 8.7 | 7.6 | --- | --- | 9.4 | 7.7 | --- | --- |
| **16** | 8.4 | 8.1 | 8.7 | 7.5 | 8.7 | 7.7 | 9.2 | 7.8 | 8.9 | 8.0 | --- | --- |
| **17** | 8.3 | 8.0 | 8.9 | 8.5 | 8.7 | 7.4 | 9.2 | 7.7 | 8.8 | 8.3 | 6.6 | 6.6 |
| **18** | 8.2 | 8.0 | 9.0 | 8.3 | 8.8 | 7.2 | 8.8 | 7.8 | 8.7 | 7.8 | 6.6 | 6.5 |
| **19** | 8.2 | 7.9 | 8.4 | 8.0 | 7.4 | 7.1 | 9.1 | 7.9 | 8.6 | --- | 6.6 | 6.4 |
| **20** | 8.7 | 8.0 | 8.2 | 7.6 | 7.4 | 7.1 | 8.8 | 7.8 | 8.5 | --- | 6.6 | 6.5 |
| **21** | 8.6 | 8.0 | 8.8 | 7.4 | 7.9 | 7.1 | 9.2 | 7.8 | 8.4 | 8.0 | 6.6 | 6.5 |
| **22** | 8.8 | 8.0 | 8.8 | 8.1 | 9.1 | 7.3 | 9.0 | 8.0 | 8.9 | 8.0 | 6.7 | 6.6 |
| **23** | 9.0 | 8.1 | 8.8 | 8.4 | 8.9 | 7.2 | 8.9 | 8.5 | 9.3 | 8.2 | 6.8 | 6.6 |
| **24** | 8.9 | 7.9 | 8.9 | 7.9 | 8.5 | 7.5 | 8.8 | 8.1 | 9.3 | 8.7 | 7.0 | 6.7 |
| **25** | 8.5 | 8.0 | 8.9 | 8.2 | 8.2 | 7.5 | 8.8 | 7.7 | 8.7 | 7.1 | 7.2 | 6.9 |
| **26** | 8.7 | 8.1 | 9.0 | 8.2 | 8.1 | 7.5 | 8.6 | 7.0 | --- | --- | 7.2 | 7.1 |
| **27** | 8.5 | 8.1 | 8.8 | 7.9 | --- | --- | 9.2 | 7.4 | --- | --- | 7.2 | 6.9 |
| **28** | 8.7 | 8.0 | 9.2 | 8.2 | --- | --- | 8.8 | 6.7 | 8.9 | 7.7 | 7.1 | 6.9 |
| **29** | 8.9 | 8.3 | 9.1 | 7.6 | 8.2 | 7.6 | 6.9 | 6.8 | 8.8 | 7.8 | 6.9 | 6.7 |
| **30** | 8.9 | 8.7 | 9.0 | 7.4 | 9.1 | 7.7 | 7.0 | 6.7 | 9.6 | 7.9 | 6.9 | 6.7 |
| **31** | --- | --- | 9.2 | 7.7 | --- | --- | 8.2 | 6.8 | 9.1 | 8.1 | --- | --- |
| **Month** | 9.0 | 7.4 | 9.2 | 7.4 | --- | --- | --- | --- | --- | --- | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 8.4 | 5.8 | 7.2 | 6.2 | 5.6 | 5.9 | --- | --- | --- | 10.0 | 9.5 | 9.7 |
| **2** | 8.8 | 6.2 | 7.9 | 7.4 | 6.1 | 6.8 | --- | --- | --- | 10.4 | 9.4 | 9.9 |
| **3** | 9.6 | 7.2 | 8.3 | 7.9 | 7.2 | 7.6 | --- | --- | --- | 10.0 | 9.3 | 9.6 |
| **4** | 8.8 | 5.4 | 7.6 | 7.4 | 7.1 | 7.2 | --- | --- | --- | 9.4 | 8.8 | 9.2 |
| **5** | 9.8 | 4.4 | 5.7 | 7.4 | 7.1 | 7.2 | --- | --- | --- | 9.8 | 9.2 | 9.4 |
| **6** | 11.0 | 3.8 | 7.7 | 7.2 | 7.0 | 7.1 | --- | --- | --- | 10.0 | 9.2 | 9.6 |
| **7** | --- | --- | --- | 7.3 | 6.7 | 7.0 | --- | --- | --- | 9.5 | 8.8 | 9.2 |
| **8** | --- | --- | --- | 6.7 | 5.8 | 6.4 | --- | --- | --- | 9.2 | 8.5 | 8.8 |
| **9** | --- | --- | --- | 7.1 | 6.1 | 6.7 | --- | --- | --- | 9.0 | 8.5 | 8.8 |
| **10** | --- | --- | --- | 6.9 | 6.3 | 6.6 | --- | --- | --- | 8.9 | 8.4 | 8.7 |
| **11** | --- | --- | --- | 7.6 | 6.8 | 7.3 | --- | --- | --- | 9.2 | 8.8 | 8.9 |
| **12** | --- | --- | --- | 7.9 | 7.4 | 7.6 | --- | --- | --- | 9.2 | 8.9 | 9.1 |
| **13** | 8.5 | 5.9 | 7.0 | 7.8 | 7.2 | 7.6 | 9.7 | 9.2 | 9.5 | 9.3 | 9.1 | 9.2 |
| **14** | 9.8 | 7.0 | 7.8 | 7.5 | 6.4 | 6.9 | 9.7 | 9.2 | 9.4 | 9.4 | 8.9 | 9.1 |
| **15** | 9.3 | 7.9 | 8.4 | 8.1 | 6.7 | 7.6 | 9.8 | 8.8 | 9.2 | 9.1 | 8.6 | 8.9 |
| **16** | 8.0 | 7.0 | 7.4 | 8.3 | 7.6 | 7.9 | 9.8 | 9.1 | 9.5 | 9.5 | 8.8 | 9.2 |
| **17** | 7.2 | 4.4 | 6.2 | 7.6 | 6.0 | 6.5 | 9.8 | 8.7 | 9.2 | 9.4 | 9.0 | 9.3 |
| **18** | 4.8 | 3.7 | 4.2 | 6.2 | 5.2 | 5.6 | 9.4 | 8.3 | 8.8 | 9.7 | 9.0 | 9.5 |
| **19** | 5.1 | 4.3 | 4.7 | 5.6 | 5.2 | 5.4 | --- | --- | --- | 10.0 | 9.7 | 9.9 |
| **20** | 5.1 | 4.3 | 4.8 | 6.6 | 5.6 | 6.3 | --- | --- | --- | 10.5 | 9.8 | 10.2 |
| **21** | 5.1 | 4.7 | 4.9 | 8.1 | 6.5 | 7.6 | --- | --- | --- | 10.8 | 9.6 | 10.4 |
| **22** | 5.7 | 4.6 | 5.1 | 8.9 | 7.9 | 8.4 | --- | --- | --- | 10.8 | 9.8 | 10.5 |
| **23** | 6.0 | 5.4 | 5.7 | 10.8 | 8.5 | 9.6 | --- | --- | --- | 10.6 | 9.0 | 10.1 |
| **24** | 5.9 | 5.4 | 5.7 | 9.7 | 8.8 | 9.3 | --- | --- | --- | 10.5 | 8.2 | 9.5 |
| **25** | 6.1 | 5.6 | 5.8 | 10.1 | 9.2 | 9.6 | --- | --- | --- | 11.6 | 8.2 | 10.4 |
| **26** | 6.2 | 5.4 | 5.9 | 10.7 | 9.6 | 10.0 | --- | --- | --- | 11.4 | 11.1 | 11.2 |
| **27** | 6.5 | 5.3 | 6.1 | --- | --- | --- | 10.6 | 10.1 | 10.4 | 11.3 | 11.0 | 11.1 |
| **28** | 6.7 | 6.0 | 6.3 | --- | --- | --- | 10.5 | 10.1 | 10.3 | 11.1 | 10.9 | 11.0 |
| **29** | 6.3 | 5.7 | 6.0 | --- | --- | --- | 10.9 | 10.4 | 10.5 | 11.1 | 10.7 | 10.9 |
| **30** | 6.6 | 5.7 | 6.0 | --- | --- | --- | 10.6 | 10.0 | 10.2 | 11.1 | 10.9 | 11.0 |
| **31** | 6.0 | 5.6 | 5.8 | --- | --- | --- | 10.0 | 9.8 | 9.9 | 10.9 | 10.8 | 10.8 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.6 | 8.2 | 9.8 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.9 | 10.7 | 10.8 | 10.0 | 9.5 | 9.7 | 6.2 | 5.3 | 5.8 | 7.8 | 6.7 | 7.2 |
| **2** | 10.8 | 10.6 | 10.7 | 9.6 | 9.3 | 9.5 | 6.4 | 5.3 | 5.9 | 7.3 | 6.2 | 6.9 |
| **3** | 11.1 | 10.6 | 10.8 | 9.8 | 9.4 | 9.6 | 6.3 | 4.4 | 5.3 | 7.3 | 6.7 | 7.0 |
| **4** | 11.5 | 10.8 | 11.0 | 10.0 | 9.4 | 9.7 | 5.2 | 4.2 | 4.6 | 7.8 | 6.4 | 6.9 |
| **5** | 11.3 | 11.0 | 11.1 | 9.9 | 9.3 | 9.8 | --- | --- | --- | 7.1 | 6.5 | 6.9 |
| **6** | 11.3 | 10.9 | 11.1 | 10.3 | 9.4 | 9.8 | 7.2 | 5.9 | 6.3 | 6.8 | 6.3 | 6.5 |
| **7** | 11.1 | 10.7 | 11.0 | 9.8 | 9.2 | 9.4 | 6.8 | 5.9 | 6.5 | 7.0 | 5.8 | 6.4 |
| **8** | 11.3 | 10.8 | 11.0 | 9.3 | 8.9 | 9.1 | 7.1 | 6.3 | 6.8 | 6.8 | 5.1 | 6.1 |
| **9** | 11.2 | 10.9 | 11.0 | 9.4 | 9.0 | 9.2 | 7.3 | 6.1 | 6.8 | 7.8 | 5.3 | 6.3 |
| **10** | 11.0 | 10.7 | 10.9 | 9.6 | 8.8 | 9.2 | 7.3 | 5.9 | 6.8 | 6.2 | 4.2 | 5.0 |
| **11** | 11.0 | 10.7 | 10.9 | 9.6 | 8.8 | 9.3 | 7.3 | 5.5 | 6.5 | 7.2 | 5.4 | 6.4 |
| **12** | 11.4 | 10.8 | 11.0 | 9.7 | 9.2 | 9.4 | 7.5 | 5.7 | 6.8 | 7.3 | 4.8 | 6.1 |
| **13** | 11.2 | 10.9 | 11.0 | 9.4 | 9.1 | 9.3 | 7.4 | 5.8 | 7.0 | 6.5 | 4.1 | 5.1 |
| **14** | 11.1 | 10.9 | 11.0 | 9.6 | 9.0 | 9.3 | 7.3 | 5.5 | 6.6 | 5.2 | 4.4 | 4.7 |
| **15** | 11.3 | 10.9 | 11.2 | 10.0 | 8.9 | 9.3 | 7.6 | 5.6 | 6.4 | 6.0 | 2.1 | 4.6 |
| **16** | 11.4 | 11.1 | 11.3 | 9.2 | 8.6 | 8.9 | 7.4 | 5.9 | 6.5 | 5.5 | 2.2 | 4.2 |
| **17** | 11.6 | 11.1 | 11.4 | 8.8 | 8.2 | 8.5 | 7.3 | 5.4 | 6.7 | 5.9 | 4.1 | 5.1 |
| **18** | 11.7 | 11.3 | 11.5 | 8.3 | 7.3 | 7.8 | 7.5 | 6.2 | 6.9 | 7.1 | 5.1 | 5.8 |
| **19** | 11.6 | 11.4 | 11.5 | 7.9 | 7.6 | 7.8 | --- | --- | --- | 7.6 | 5.6 | 6.5 |
| **20** | 11.5 | 10.9 | 11.2 | 7.8 | 7.5 | 7.7 | --- | --- | --- | 7.8 | 5.3 | 6.4 |
| **21** | 11.0 | 10.2 | 10.7 | 8.0 | 7.4 | 7.7 | --- | --- | --- | 6.8 | 5.9 | 6.5 |
| **22** | 10.8 | 10.4 | 10.6 | 7.6 | 7.3 | 7.5 | --- | --- | --- | 6.8 | 5.8 | 6.3 |
| **23** | 10.9 | 10.4 | 10.8 | 7.4 | 7.1 | 7.3 | --- | --- | --- | 6.9 | 6.1 | 6.5 |
| **24** | 10.8 | 10.1 | 10.4 | 7.3 | 7.0 | 7.2 | 7.8 | 7.3 | 7.6 | 7.6 | 6.0 | 6.4 |
| **25** | 10.2 | 9.7 | 10.1 | 7.1 | 6.3 | 6.6 | 7.8 | 7.2 | 7.5 | 7.5 | 6.3 | 6.8 |
| **26** | 10.1 | 9.4 | 9.9 | 6.5 | 6.0 | 6.2 | 7.4 | 6.8 | 7.2 | 7.0 | 6.7 | 6.9 |
| **27** | 10.0 | 9.8 | 9.9 | 6.1 | 5.6 | 5.8 | 7.8 | 6.6 | 7.3 | 7.3 | 6.5 | 6.8 |
| **28** | 10.1 | 9.9 | 10.0 | 5.7 | 5.1 | 5.4 | 7.6 | 6.8 | 7.4 | 7.2 | 6.4 | 6.9 |
| **29** | --- | --- | --- | --- | --- | --- | 7.9 | 6.8 | 7.1 | 8.8 | 6.4 | 7.0 |
| **30** | --- | --- | --- | 6.3 | 5.2 | 6.0 | 8.1 | 5.7 | 6.6 | 8.1 | 6.3 | 6.9 |
| **31** | --- | --- | --- | 6.3 | 5.3 | 5.9 | --- | --- | --- | 8.1 | 6.2 | 7.2 |
| **Month** | 11.7 | 9.4 | 10.8 | --- | --- | --- | --- | --- | --- | 8.8 | 2.1 | 6.3 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.6 | 5.5 | 6.9 | 7.6 | 5.6 | 6.8 | 6.3 | 2.9 | 4.6 | 7.8 | 5.0 | 6.4 |
| **2** | 7.8 | 4.5 | 6.1 | 6.8 | 5.3 | 6.1 | 7.2 | 4.8 | 6.1 | 7.7 | 5.1 | 6.3 |
| **3** | 5.1 | 4.3 | 4.6 | 7.6 | 5.5 | 6.6 | 9.2 | 4.1 | 6.6 | 7.8 | 5.0 | 6.5 |
| **4** | 6.4 | 2.7 | 4.8 | 6.8 | 6.1 | 6.5 | 6.5 | 0.9 | 3.0 | 6.9 | 5.2 | 5.7 |
| **5** | 6.6 | 2.1 | 3.5 | 7.0 | 5.7 | 6.3 | 2.6 | 0.1 | 0.8 | 7.2 | 4.8 | 6.1 |
| **6** | 6.2 | 1.5 | 3.4 | 6.5 | 4.5 | 5.3 | 6.8 | 1.1 | 3.7 | 7.9 | 4.3 | 6.2 |
| **7** | 5.8 | 5.0 | 5.3 | 5.2 | 4.2 | 4.9 | 6.6 | 0.9 | 2.6 | 7.1 | 4.3 | 5.8 |
| **8** | 5.4 | 4.1 | 4.9 | 5.9 | 4.0 | 4.6 | 5.2 | 0.8 | 3.2 | 9.5 | 5.1 | 6.8 |
| **9** | 5.1 | 4.5 | 4.8 | 7.4 | 5.4 | 5.9 | 5.8 | 1.5 | 3.2 | 8.5 | 6.1 | 7.2 |
| **10** | 4.8 | 2.5 | 3.6 | 7.1 | 4.3 | 5.7 | 3.4 | 0.2 | 1.3 | 8.4 | 3.6 | 6.0 |
| **11** | 4.7 | 2.1 | 3.1 | 6.2 | 4.3 | 5.5 | 1.5 | 0.1 | 0.6 | 9.9 | 2.8 | 6.6 |
| **12** | 3.2 | 1.8 | 2.2 | 7.2 | 2.8 | 3.9 | 7.5 | 0.6 | 3.8 | 7.3 | 5.4 | 6.4 |
| **13** | 4.9 | 0.8 | 1.7 | 6.8 | 1.9 | 3.6 | 6.2 | 2.8 | 4.8 | 8.5 | 5.2 | 6.2 |
| **14** | 6.4 | 1.7 | 4.3 | 7.6 | 3.1 | 5.4 | 6.6 | 2.6 | 4.9 | 10.8 | 5.0 | 7.3 |
| **15** | 5.9 | 4.0 | 5.1 | 6.2 | 3.5 | 5.1 | 6.8 | 0.3 | 4.3 | 9.9 | 6.1 | 8.1 |
| **16** | 6.2 | 5.5 | 5.9 | 6.1 | 4.3 | 5.2 | 6.2 | 5.1 | 5.5 | 7.0 | 4.8 | 5.8 |
| **17** | 8.0 | 5.6 | 5.9 | 6.3 | 4.3 | 5.3 | 7.3 | 4.4 | 5.0 | 6.8 | 5.1 | 5.9 |
| **18** | 6.3 | 5.0 | 5.6 | 7.3 | 5.4 | 6.0 | 6.2 | 4.2 | 5.1 | 6.6 | 3.0 | 4.4 |
| **19** | 6.0 | 4.4 | 5.4 | 7.5 | 6.4 | 6.9 | 7.0 | 4.3 | 5.9 | 9.6 | 4.4 | 6.5 |
| **20** | 7.4 | 5.3 | 6.1 | 7.5 | 5.9 | 6.7 | 8.3 | 5.5 | 6.7 | 9.1 | 6.8 | 7.8 |
| **21** | 7.8 | 5.2 | 6.6 | 6.7 | 5.9 | 6.3 | 8.2 | 5.1 | 7.0 | 8.3 | 4.2 | 6.2 |
| **22** | 7.1 | 5.3 | 6.4 | 8.3 | 4.7 | 5.9 | 7.9 | 6.8 | 7.4 | 9.4 | 2.9 | 4.8 |
| **23** | 5.7 | 3.0 | 4.7 | 8.0 | 6.1 | 6.7 | 7.8 | 5.7 | 7.1 | 6.2 | 1.1 | 3.0 |
| **24** | 6.2 | 3.6 | 5.0 | 7.6 | 6.0 | 6.6 | 7.7 | 4.4 | 6.0 | 9.0 | 4.6 | 6.6 |
| **25** | 7.0 | 4.7 | 5.7 | 7.6 | 5.7 | 6.6 | 7.1 | 3.3 | 4.8 | 8.4 | 5.2 | 6.8 |
| **26** | 6.4 | 5.6 | 6.0 | 7.5 | 5.0 | 6.4 | 6.6 | 2.4 | 4.0 | 7.4 | 4.6 | 6.1 |
| **27** | 7.0 | 5.1 | 6.2 | 7.1 | 6.1 | 6.6 | 7.9 | 2.5 | 4.6 | 7.6 | 4.6 | 6.0 |
| **28** | 7.9 | 5.7 | 6.7 | 6.7 | 4.7 | 6.1 | 7.1 | 4.6 | 6.0 | 7.0 | 4.2 | 5.7 |
| **29** | 8.6 | 6.6 | 7.5 | 6.4 | 4.7 | 5.7 | 7.0 | 0.6 | 3.9 | 7.4 | 4.1 | 5.8 |
| **30** | 8.2 | 6.0 | 7.1 | 6.8 | 4.5 | 5.5 | 5.2 | 3.8 | 4.3 | 8.2 | 3.0 | 4.7 |
| **31** | --- | --- | --- | 6.7 | 3.1 | 4.4 | 7.1 | 3.3 | 5.5 | --- | --- | --- |
| **Month** | 8.6 | 0.8 | 5.2 | 8.3 | 1.9 | 5.8 | 9.2 | 0.1 | 4.6 | 10.8 | 1.1 | 6.1 |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 8.2 | 3.1 | 4.1 | 9.8 | 4.5 | 6.2 | 10.6 | 7.6 | 9.1 | 9.1 | 7.4 | 8.5 |
| **2** | 8.8 | 2.2 | 4.1 | 10.0 | 3.8 | 7.7 | 8.0 | 7.0 | 7.4 | 9.4 | 8.1 | 8.9 |
| **3** | 5.6 | 2.1 | 4.4 | 10.8 | 6.6 | 8.3 | 8.2 | 7.4 | 8.0 | 9.6 | 8.8 | 9.3 |
| **4** | 9.4 | 4.0 | 6.6 | 8.0 | 4.5 | 6.1 | 8.1 | 7.4 | 7.7 | 9.9 | 9.1 | 9.5 |
| **5** | 8.5 | 6.0 | 7.1 | 7.1 | 2.7 | 5.1 | 7.8 | 7.3 | 7.5 | 9.3 | 8.6 | 9.0 |
| **6** | 6.3 | 4.3 | 5.2 | 8.1 | 6.0 | 7.3 | 8.4 | 7.4 | 7.7 | 9.2 | 8.6 | 8.8 |
| **7** | 6.9 | 4.7 | 5.9 | 7.8 | 6.1 | 6.9 | 8.4 | 7.7 | 8.1 | 8.9 | 8.0 | 8.5 |
| **8** | 8.1 | 3.2 | 5.2 | 6.6 | 5.4 | 5.9 | 8.9 | 7.7 | 8.4 | 8.6 | 7.4 | 8.1 |
| **9** | 7.8 | 5.5 | 6.8 | 6.3 | 4.7 | 5.7 | 8.7 | 7.7 | 8.2 | 8.6 | 7.3 | 8.1 |
| **10** | 9.4 | 5.4 | 6.4 | 5.9 | 4.3 | 5.2 | 9.3 | 7.7 | 8.4 | 7.8 | 7.0 | 7.5 |
| **11** | 9.8 | 4.5 | 6.7 | 7.0 | 5.5 | 6.1 | 8.7 | 7.6 | 8.3 | 8.0 | 6.7 | 7.4 |
| **12** | 9.5 | 7.0 | 8.1 | 7.0 | 4.9 | 6.1 | --- | --- | --- | 8.1 | 7.2 | 7.7 |
| **13** | 7.9 | 6.3 | 7.1 | 6.4 | 4.3 | 5.5 | 8.3 | 6.5 | 7.5 | 8.5 | 7.1 | 7.8 |
| **14** | 6.6 | 5.4 | 6.1 | 8.5 | 2.9 | 4.5 | 8.1 | 5.2 | 7.5 | 10.5 | 7.6 | 8.9 |
| **15** | 6.4 | 5.0 | 5.8 | 7.7 | 5.6 | 6.8 | 8.1 | 6.3 | 7.4 | 10.4 | 8.9 | 9.7 |
| **16** | 8.9 | 4.5 | 5.5 | 8.7 | 6.2 | 7.8 | 8.6 | 6.4 | 7.5 | 10.4 | 9.4 | 9.8 |
| **17** | 8.9 | 4.0 | 5.4 | 8.4 | 7.3 | 7.9 | 8.9 | 6.8 | 7.9 | 9.9 | 9.4 | 9.7 |
| **18** | 8.7 | 3.7 | 5.3 | 8.8 | 7.2 | 7.8 | 9.2 | 7.5 | 8.6 | 9.9 | 9.4 | 9.7 |
| **19** | 10.6 | 3.6 | 7.0 | 10.2 | 6.6 | 8.1 | 8.7 | 7.4 | 8.2 | 10.4 | 9.5 | 10 |
| **20** | 9.3 | 6.8 | 8.5 | 9.5 | 7.3 | 8.1 | 8.4 | 6.7 | 7.9 | 10.7 | 10.0 | 10.4 |
| **21** | 8.6 | 7.9 | 8.3 | 7.9 | 6.0 | 6.9 | 8.4 | 6.4 | 7.5 | 10.9 | 10.3 | 10.4 |
| **22** | 8.1 | 7.0 | 7.6 | 7.7 | 6.1 | 6.7 | 8.6 | 7.1 | 7.9 | 11.8 | 10.3 | 10.8 |
| **23** | 7.9 | 6.3 | 7.1 | 7.4 | 5.6 | 6.3 | 8.7 | 7.6 | 8.2 | 10.8 | 10.5 | 10.7 |
| **24** | 8.2 | 6.6 | 7.5 | 7.3 | 6.0 | 6.5 | 9.6 | 7.7 | 8.6 | 10.8 | 10.3 | 10.6 |
| **25** | 8.7 | 6.2 | 7.7 | 6.5 | 5.5 | 5.8 | 9.8 | 8.4 | 9.2 | 10.9 | 10.2 | 10.6 |
| **26** | 9.9 | 6.3 | 7.7 | 6.7 | 5.5 | 6.1 | 9.8 | 7.4 | 8.9 | 10.9 | 10.1 | 10.4 |
| **27** | 9.8 | 5.7 | 7.7 | 7.1 | 5.8 | 6.3 | 9.1 | 7.7 | 8.4 | 11.1 | 10.5 | 10.8 |
| **28** | 9.4 | 5.5 | 7.7 | 6.9 | 5.7 | 6.5 | 9.0 | 7.5 | 8.2 | 11.0 | 10.4 | 10.7 |
| **29** | 9.1 | 4.8 | 6.5 | 8.7 | 6.1 | 7.5 | 8.6 | 7.4 | 8.0 | 10.8 | 10.0 | 10.4 |
| **30** | 9.4 | 4.9 | 6.2 | 9.8 | 7.6 | 8.3 | 8.7 | 7.3 | 7.9 | 10.8 | 9.3 | 10.2 |
| **31** | 9.3 | 4.1 | 5.5 | --- | --- | --- | 9.2 | 7.5 | 8.1 | 10.8 | 9.3 | 10.1 |
| **Month** | 10.6 | 2.1 | 6.5 | 10.8 | 2.7 | 6.7 | --- | --- | --- | 11.8 | 6.7 | 9.5 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.6 | 9.3 | 9.8 | 8.0 | 7.8 | 7.9 | 9.0 | 6.7 | 7.8 | 9.2 | 8.2 | 8.8 |
| **2** | 10.1 | 9.2 | 9.6 | 8.2 | 7.8 | 8.0 | 8.8 | 7.1 | 8.0 | 8.9 | 7.5 | 8.2 |
| **3** | 9.5 | 8.9 | 9.2 | 8.2 | 7.6 | 8.0 | 8.4 | 7.7 | 8.2 | 9.5 | 8.0 | 8.6 |
| **4** | 9.2 | 8.0 | 8.8 | 8.4 | 7.4 | 7.9 | 8.1 | 7.2 | 7.5 | 9.2 | 7.7 | 8.3 |
| **5** | 9.1 | 7.9 | 8.5 | 8.3 | 7.4 | 8.0 | 8.0 | 7.0 | 7.4 | --- | --- | --- |
| **6** | 8.9 | 7.5 | 8.3 | 8.3 | 7.7 | 8.1 | 8.9 | 6.6 | 7.6 | --- | --- | --- |
| **7** | 9.8 | 7.9 | 9.0 | 8.8 | 7.7 | 8.2 | 9.4 | 6.9 | 7.7 | --- | --- | --- |
| **8** | 9.9 | 9.5 | 9.7 | 8.6 | 7.7 | 8.2 | 8.9 | 7.2 | 8.1 | --- | --- | --- |
| **9** | 9.8 | 9.4 | 9.6 | 9.0 | 7.5 | 8.4 | 8.3 | 7.0 | 7.5 | 7.4 | 5.3 | 6.1 |
| **10** | 10.5 | 9.4 | 9.7 | 8.7 | 8.1 | 8.4 | 7.6 | 6.4 | 7.1 | 8.3 | 6.0 | 7.1 |
| **11** | 10.7 | 9.4 | 10.3 | 8.5 | 7.8 | 8.1 | 7.4 | 6.5 | 7.1 | 8.0 | 5.3 | 7.1 |
| **12** | 10.3 | 9.2 | 9.6 | 8.4 | 7.6 | 8.0 | 7.6 | 6.6 | 7.1 | 8.8 | 7.1 | 7.8 |
| **13** | 9.6 | 9.2 | 9.3 | 8.4 | 7.4 | 8.0 | 8.0 | 5.9 | 7.2 | 8.0 | 6.7 | 7.4 |
| **14** | 9.8 | 8.9 | 9.5 | 8.2 | 7.5 | 7.7 | 8.6 | 6.6 | 7.8 | 6.8 | 5.8 | 6.4 |
| **15** | 9.7 | 9.0 | 9.3 | 9.0 | 7.0 | 7.8 | 10.0 | 7.8 | 8.8 | 9.0 | 5.9 | 6.6 |
| **16** | 9.6 | 9.0 | 9.3 | 8.8 | 7.0 | 8.1 | 9.8 | 9.1 | 9.5 | 7.9 | 5.8 | 6.9 |
| **17** | 9.0 | 8.6 | 8.8 | 8.8 | 7.0 | 8.4 | 9.4 | 8.9 | 9.1 | 8.5 | 6.8 | 7.5 |
| **18** | 9.1 | 8.6 | 8.9 | 8.6 | 7.0 | 8.2 | 9.2 | 8.5 | 8.8 | 9.0 | 6.6 | 7.4 |
| **19** | 8.9 | 8.4 | 8.7 | 8.8 | 6.9 | 8.3 | 9.0 | 8.3 | 8.6 | 7.1 | 4.8 | 5.8 |
| **20** | 8.4 | 7.3 | 7.8 | 9.0 | 7.6 | 8.5 | 10.2 | 8.3 | 9.1 | 7.9 | 6.0 | 6.9 |
| **21** | 7.6 | 6.3 | 6.8 | 8.8 | 7.8 | 8.4 | 9.8 | 8.3 | 8.9 | 8.6 | 4.9 | 6.5 |
| **22** | 6.8 | 6.2 | 6.6 | 8.7 | 8.1 | 8.4 | 10.2 | 7.6 | 8.6 | 8.5 | 6.9 | 8.0 |
| **23** | 7.1 | 6.5 | 6.7 | 9.8 | 8.3 | 9.0 | 10.7 | 8.1 | 9.0 | 8.9 | 7.4 | 8.0 |
| **24** | 7.0 | 6.5 | 6.7 | 9.7 | 8.2 | 8.9 | 9.8 | 7.4 | 8.6 | 9.7 | 6.8 | 8.1 |
| **25** | 7.0 | 6.6 | 6.8 | 9.7 | 8.7 | 9.3 | 8.6 | 7.2 | 8.1 | 9.6 | 7.3 | 8.6 |
| **26** | 7.6 | 6.6 | 7.1 | 9.5 | 8.6 | 9.1 | 9.6 | 7.7 | 8.4 | 9.4 | 7.2 | 8.5 |
| **27** | 8.0 | 7.2 | 7.6 | 9.6 | 8.7 | 9.1 | 8.8 | 7.6 | 8.3 | 8.9 | 6.5 | 7.8 |
| **28** | 8.3 | 7.4 | 7.9 | 9.4 | 8.6 | 9.0 | 9.0 | 6.9 | 7.9 | 11.2 | 7.0 | 8.2 |
| **29** | 8.1 | 7.6 | 8.0 | 10.2 | 8.7 | 9.3 | 9.6 | 7.8 | 8.6 | 9.7 | 5.3 | 7.4 |
| **30** | --- | --- | --- | 9.9 | 9.1 | 9.5 | 9.6 | 9.0 | 9.3 | 8.8 | 3.2 | 6.2 |
| **31** | --- | --- | --- | 9.3 | 7.8 | 8.8 | --- | --- | --- | 9.0 | 4.6 | 6.6 |
| **Month** | 10.7 | 6.2 | 8.5 | 10.2 | 6.9 | 8.4 | 10.7 | 5.9 | 8.2 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 7.9 | 3.9 | 6.2 | 8.1 | 5.1 | 6.8 | 8.1 | 5.3 | 6.7 | 8.2 | 5.4 | 6.7 |
| **2** | 7.6 | 3.8 | 6.0 | 8.5 | 1.5 | 4.9 | 10.0 | 5.4 | 7.3 | 5.4 | 4.0 | 4.7 |
| **3** | 7.2 | 4.2 | 6.2 | --- | --- | --- | 7.8 | 6.8 | 7.5 | 7.5 | 3.9 | 5.4 |
| **4** | 7.7 | 6.0 | 6.8 | --- | --- | --- | --- | --- | --- | 9.2 | 5.5 | 6.6 |
| **5** | 7.6 | 6.6 | 7.1 | --- | --- | --- | --- | --- | --- | 11.4 | 6.3 | 8.7 |
| **6** | 8.3 | 7.0 | 7.4 | --- | --- | --- | --- | --- | --- | 11.3 | 7.7 | 8.9 |
| **7** | 8.8 | 7.3 | 8.0 | --- | --- | --- | --- | --- | --- | 11.3 | 8.6 | 9.7 |
| **8** | 8.8 | 7.8 | 8.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 8.8 | 6.8 | 7.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 8.4 | 6.8 | 7.4 | 6.0 | 0.7 | 3.2 | --- | --- | --- | --- | --- | --- |
| **11** | 8.3 | 6.8 | 7.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 8.2 | 6.6 | 7.7 | 6.7 | 4.6 | 5.8 | --- | --- | --- | --- | --- | --- |
| **13** | 8.4 | 6.3 | 7.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.1 | 5.7 | 7.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 8.9 | 3.5 | 6.2 | --- | --- | --- | 11.2 | 1.4 | 7.6 | --- | --- | --- |
| **16** | 8.3 | 3.9 | 6.1 | 8.6 | 3.4 | 5.2 | 7.3 | 3.8 | 5.9 | --- | --- | --- |
| **17** | 7.6 | 3.5 | 5.5 | 8.5 | 2.3 | 4.4 | 7.5 | 4.9 | 5.8 | 4.3 | 4.0 | 4.2 |
| **18** | 7.7 | 1.2 | 4.3 | 6.7 | 1.0 | 3.1 | --- | --- | --- | 4.2 | 3.9 | 4.1 |
| **19** | 2.5 | 0.4 | 1.4 | 7.9 | 3.5 | 5.4 | --- | --- | --- | 4.0 | 3.1 | 3.6 |
| **20** | 4.2 | 0.3 | 1.5 | 7.7 | 1.6 | 3.5 | --- | --- | --- | 4.0 | 2.8 | 3.4 |
| **21** | 4.3 | 0.4 | 2.0 | 9.1 | 0.7 | 2.9 | 6.5 | 4.6 | 5.8 | 4.1 | 2.4 | 3.4 |
| **22** | 5.7 | 2.1 | 4.2 | --- | --- | --- | 8.6 | 4.5 | 6.3 | 4.0 | 3.1 | 3.6 |
| **23** | 5.6 | 1.1 | 2.9 | 7.4 | 4.9 | 6.6 | 10.9 | 3.9 | 7.0 | 5.3 | 3.3 | 4.6 |
| **24** | 5.8 | 2.9 | 4.7 | 7.1 | 5.8 | 6.2 | 11.4 | 6.6 | 8.6 | 5.9 | 3.5 | 5.1 |
| **25** | 5.8 | 3.3 | 5.0 | 8.0 | 4.0 | 5.7 | 12.9 | 2.5 | 5.9 | 6.4 | 4.0 | 5.6 |
| **26** | 5.1 | 3.3 | 4.3 | 8.3 | 2.7 | 4.9 | --- | --- | --- | 6.2 | 5.2 | 5.8 |
| **27** | --- | --- | --- | 11.6 | 2.9 | 6.5 | --- | --- | --- | 6.2 | 4.1 | 5.5 |
| **28** | --- | --- | --- | 12.6 | --- | --- | 5.1 | 0.4 | 1.3 | 6.5 | 4.2 | 5.5 |
| **29** | 6.5 | 4.8 | 5.8 | 9.8 | 6.3 | 8.0 | 5.1 | 1.0 | 2.7 | 7.9 | 4.9 | 5.9 |
| **30** | 9.7 | 4.6 | 6.6 | 8.3 | 5.5 | 7.0 | 11.4 | 0.5 | 5.0 | 6.2 | 4.1 | 5.2 |
| **31** | --- | --- | --- | 7.7 | 5.1 | 6.1 | 9.3 | 0.5 | 4.5 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 17 | 6.6 | 9.8 | 73 | 59 | 64 | 58 | 52 | 54 | 44 | 40 | 42 |
| **2** | 12 | 6.4 | 8.1 | 70 | 64 | 68 | 54 | 51 | 53 | 43 | 39 | 41 |
| **3** | 13 | 6.2 | 7.9 | 71 | 58 | 63 | 58 | 50 | 53 | 40 | 36 | 39 |
| **4** | 11 | 6.4 | 8.5 | 63 | 58 | 60 | 59 | 52 | 55 | 46 | 38 | 41 |
| **5** | 13 | 6.4 | 9.8 | 61 | 54 | 57 | 55 | 52 | 53 | 46 | 38 | 41 |
| **6** | 11 | 6.4 | 8.9 | 59 | 54 | 57 | 56 | 53 | 54 | 44 | 38 | 41 |
| **7** | --- | --- | --- | 60 | 56 | 58 | 55 | 51 | 54 | 44 | 41 | 43 |
| **8** | --- | --- | --- | 64 | 56 | 60 | 56 | 51 | 53 | 44 | 41 | 43 |
| **9** | --- | --- | --- | 61 | 51 | 56 | 55 | 51 | 53 | 49 | 41 | 46 |
| **10** | --- | --- | --- | 58 | 53 | 56 | 52 | 50 | 51 | 49 | 43 | 47 |
| **11** | --- | --- | --- | 62 | 55 | 59 | 53 | 50 | 51 | 47 | 44 | 46 |
| **12** | --- | --- | --- | 59 | 54 | 56 | 51 | 46 | 50 | 47 | 44 | 45 |
| **13** | 27 | 21 | 24 | 61 | 54 | 56 | 51 | 46 | 48 | 47 | 39 | 45 |
| **14** | 32 | 22 | 25 | 66 | 54 | 60 | 51 | 44 | 47 | 47 | 42 | 45 |
| **15** | 50 | 26 | 37 | 62 | 54 | 59 | 48 | 43 | 45 | 50 | 46 | 48 |
| **16** | 62 | 47 | 54 | 59 | 49 | 54 | 44 | 41 | 43 | 49 | 47 | 48 |
| **17** | 250 | 60 | 120 | 50 | 47 | 49 | 44 | 42 | 43 | 67 | 48 | 54 |
| **18** | 240 | 170 | 200 | 50 | 45 | 47 | 44 | 41 | 43 | 140 | 67 | 120 |
| **19** | 210 | 130 | 170 | 50 | 46 | 48 | 47 | 38 | 41 | 150 | 140 | 140 |
| **20** | 140 | 120 | 130 | 52 | 47 | 49 | 46 | 38 | 41 | 140 | 120 | 130 |
| **21** | 110 | 77 | 91 | 53 | 47 | 49 | 43 | 40 | 41 | 130 | 98 | 110 |
| **22** | 90 | 66 | 75 | 52 | 47 | 50 | 42 | 40 | 41 | 99 | 75 | 82 |
| **23** | 77 | 62 | 70 | 53 | 48 | 49 | 44 | 40 | 42 | 79 | 56 | 68 |
| **24** | 76 | 55 | 62 | 57 | 48 | 51 | 45 | 39 | 42 | 72 | 48 | 58 |
| **25** | 61 | 54 | 58 | 56 | 47 | 50 | 44 | 40 | 42 | 75 | 44 | 62 |
| **26** | 59 | 47 | 55 | 51 | 46 | 48 | 42 | 38 | 40 | 69 | 60 | 64 |
| **27** | 56 | 47 | 50 | 53 | 46 | 48 | 42 | 39 | 40 | 63 | 59 | 60 |
| **28** | 120 | 48 | 87 | 58 | 47 | 51 | 42 | 38 | 40 | 64 | 59 | 62 |
| **29** | 120 | 80 | 100 | 52 | 46 | 49 | 42 | 36 | 39 | 62 | 58 | 60 |
| **30** | 95 | 58 | 81 | 60 | 50 | 55 | 43 | 40 | 41 | 62 | 57 | 60 |
| **31** | 75 | 58 | 67 | --- | --- | --- | 43 | 40 | 41 | 62 | 59 | 61 |
| **Month** | --- | --- | --- | 73 | 45 | 55 | 59 | 36 | 46 | 150 | 36 | 61 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 68 | 59 | 63 | 46 | 38 | 42 | 46 | 41 | 43 | 38 | 35 | 37 |
| **2** | 59 | 57 | 58 | 46 | 40 | 43 | 42 | 36 | 40 | 41 | 36 | 38 |
| **3** | 58 | 55 | 57 | 44 | 39 | 41 | 38 | 32 | 35 | 38 | 35 | 36 |
| **4** | 59 | 54 | 56 | 45 | 42 | 44 | 40 | 33 | 35 | 36 | 32 | 34 |
| **5** | 58 | 52 | 54 | 45 | 42 | 44 | 39 | 31 | 35 | 37 | 32 | 35 |
| **6** | 56 | 46 | 52 | 45 | 40 | 42 | 38 | 34 | 35 | 46 | 36 | 43 |
| **7** | 55 | 51 | 52 | 46 | 43 | 44 | 40 | 36 | 39 | 44 | 42 | 43 |
| **8** | 52 | 48 | 50 | 45 | 41 | 42 | 39 | 36 | 38 | 44 | 42 | 43 |
| **9** | 51 | 47 | 49 | 44 | 35 | 42 | 38 | 36 | 37 | 46 | 41 | 43 |
| **10** | 52 | 50 | 51 | 46 | 40 | 42 | 39 | 36 | 37 | 48 | 41 | 45 |
| **11** | 51 | 49 | 50 | 41 | 38 | 40 | 38 | 36 | 37 | 42 | 40 | 41 |
| **12** | 52 | 47 | 49 | 46 | 41 | 43 | 38 | 36 | 37 | 43 | 38 | 40 |
| **13** | 52 | 49 | 51 | 45 | 42 | 44 | 41 | 37 | 39 | 42 | 36 | 38 |
| **14** | 53 | 48 | 51 | 48 | 39 | 43 | 43 | 38 | 40 | 40 | 33 | 36 |
| **15** | 52 | 48 | 50 | 54 | 22 | 37 | 43 | 39 | 40 | 39 | 32 | 35 |
| **16** | 50 | 45 | 48 | 47 | 35 | 43 | 40 | 37 | 39 | 42 | 34 | 37 |
| **17** | 48 | 46 | 47 | 65 | 43 | 48 | 41 | 38 | 40 | 39 | 36 | 37 |
| **18** | 48 | 44 | 46 | 65 | 47 | 53 | 43 | 40 | 41 | 39 | 35 | 37 |
| **19** | 47 | 44 | 45 | 60 | 46 | 49 | --- | --- | --- | 35 | 30 | 33 |
| **20** | 47 | 43 | 45 | 48 | 44 | 46 | --- | --- | --- | 36 | 29 | 31 |
| **21** | 45 | 40 | 43 | 48 | 44 | 46 | --- | --- | --- | 32 | 30 | 32 |
| **22** | 44 | 39 | 41 | 46 | 43 | 44 | --- | --- | --- | 38 | 29 | 34 |
| **23** | 41 | 39 | 40 | 46 | 42 | 43 | --- | --- | --- | 45 | 29 | 37 |
| **24** | 47 | 40 | 42 | 45 | 42 | 43 | 40 | 38 | 39 | 41 | 30 | 34 |
| **25** | 43 | 38 | 42 | 44 | 41 | 43 | 42 | 39 | 40 | 49 | 30 | 34 |
| **26** | 55 | 40 | 44 | 47 | 40 | 44 | 42 | 39 | 40 | 54 | 32 | 36 |
| **27** | 43 | 38 | 39 | 46 | 42 | 44 | 45 | 38 | 40 | 70 | 32 | 39 |
| **28** | 40 | 37 | 39 | 47 | 43 | 45 | 39 | 36 | 38 | 61 | 29 | 43 |
| **29** | --- | --- | --- | 51 | 44 | 47 | 38 | 35 | 37 | 100 | 33 | 62 |
| **30** | --- | --- | --- | 50 | 44 | 47 | 43 | 35 | 38 | 90 | 36 | 49 |
| **31** | --- | --- | --- | 48 | 42 | 45 | --- | --- | --- | 68 | 30 | 34 |
| **Month** | 68 | 37 | 48 | 65 | 22 | 44 | --- | --- | --- | 100 | 29 | 39 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 45 | 29 | 35 | 34 | 24 | 28 | 25 | 16 | 20 | 8.6 | 5.1 | 6.3 |
| **2** | 42 | 29 | 34 | 38 | 18 | 27 | 28 | 15 | 21 | 16 | 6.9 | 11 |
| **3** | 43 | 36 | 40 | 37 | 15 | 22 | 21 | 7.6 | 14 | 11 | 5.1 | 7.3 |
| **4** | 39 | 26 | 33 | 23 | 17 | 19 | 19 | 9.9 | 15 | 11 | 5.9 | 7.5 |
| **5** | 38 | 25 | 32 | 20 | 16 | 17 | 20 | 14 | 16 | --- | --- | --- |
| **6** | 33 | 21 | 28 | 30 | 17 | 23 | 17 | 7.3 | 11 | --- | --- | --- |
| **7** | 28 | 22 | 24 | 35 | 26 | 29 | --- | --- | --- | --- | --- | --- |
| **8** | 33 | 23 | 27 | 38 | 24 | 32 | --- | --- | --- | --- | --- | --- |
| **9** | 27 | 22 | 25 | 37 | 24 | 29 | --- | --- | --- | --- | --- | --- |
| **10** | 36 | 22 | 26 | --- | --- | --- | --- | --- | --- | 12 | 5.8 | 8.1 |
| **11** | 38 | 20 | 26 | --- | --- | --- | 9.8 | 5.4 | 7.8 | 7.4 | 4.9 | 6.2 |
| **12** | 36 | 24 | 28 | --- | --- | --- | 7.0 | 4.3 | 5.8 | 12 | 6.3 | 8.6 |
| **13** | 44 | 27 | 36 | --- | --- | --- | 11 | 5.0 | 6.8 | 10 | 5.7 | 7.5 |
| **14** | 40 | 15 | 27 | 25 | 16 | 20 | 11 | 5.7 | 8.0 | 12 | 4.4 | 6.2 |
| **15** | 30 | 17 | 24 | 21 | 16 | 18 | --- | --- | --- | 12 | 5.1 | 10 |
| **16** | 26 | 14 | 16 | --- | --- | --- | --- | --- | --- | 15 | 6.9 | 10 |
| **17** | 23 | 14 | 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | 20 | 14 | 16 | 23 | 18 | 20 | --- | --- | --- | --- | --- | --- |
| **19** | 22 | 14 | 16 | 26 | 20 | 24 | --- | --- | --- | --- | --- | --- |
| **20** | 17 | 14 | 15 | 40 | 22 | 30 | --- | --- | --- | --- | --- | --- |
| **21** | 24 | 14 | 16 | 40 | 30 | 34 | --- | --- | --- | --- | --- | --- |
| **22** | 17 | 14 | 15 | 39 | 29 | 35 | 8.1 | 6.5 | 7.3 | 14 | 7.8 | 10 |
| **23** | 21 | 12 | 15 | 37 | 32 | 34 | 10 | 6.7 | 7.5 | 16 | 9.0 | 12 |
| **24** | 14 | 12 | 12 | 37 | 31 | 34 | 12 | 7.2 | 9.2 | 11 | 6.3 | 7.9 |
| **25** | 18 | 12 | 14 | 32 | 24 | 29 | --- | --- | --- | 11 | 5.6 | 7.1 |
| **26** | 18 | 12 | 15 | 33 | 18 | 25 | --- | --- | --- | 16 | 5.7 | 7.3 |
| **27** | 34 | 14 | 19 | 21 | 18 | 19 | --- | --- | --- | 7.7 | 5.1 | 6.1 |
| **28** | 20 | 17 | 18 | 34 | 18 | 22 | --- | --- | --- | 8.4 | 4.6 | 6.0 |
| **29** | 30 | 15 | 22 | 28 | 17 | 21 | 11 | 6.5 | 8.0 | 25 | 7.6 | 16 |
| **30** | 29 | 15 | 22 | 27 | 18 | 23 | 8.6 | 4.6 | 6.4 | 30 | 2.7 | 18 |
| **31** | --- | --- | --- | 30 | 18 | 26 | 6.8 | 4.6 | 5.2 | --- | --- | --- |
| **Month** | 45 | 12 | 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 12 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 20 | 4.5 | 12 | --- | --- | --- | 21 | 14 | 17 | 31 | 26 | 29 |
| **2** | 14 | 3.7 | 9.1 | --- | --- | --- | 30 | 19 | 23 | 29 | 26 | 28 |
| **3** | 13 | 6.2 | 8.4 | 13 | 8.1 | 11 | 29 | 19 | 25 | 28 | 26 | 27 |
| **4** | 6.8 | 4.2 | 5.4 | 13 | 8.3 | 9.6 | 28 | 21 | 25 | 27 | 24 | 25 |
| **5** | 11 | 5.4 | 7.6 | 16 | 7.6 | 12 | 28 | 22 | 24 | 29 | 23 | 25 |
| **6** | 12 | 5.5 | 8.7 | 9.9 | 6.5 | 8.0 | 28 | 23 | 25 | 24 | 22 | 23 |
| **7** | 13 | 4.2 | 7.1 | 15 | 7.6 | 10 | 29 | 24 | 25 | 27 | 23 | 24 |
| **8** | 21 | 4.7 | 8.7 | 9.6 | 8.0 | 8.8 | 28 | 23 | 24 | 27 | 24 | 25 |
| **9** | 12 | 3.5 | 5.8 | 15 | 8.3 | 11 | 29 | 24 | 25 | 28 | 24 | 25 |
| **10** | 14 | 4.8 | 9.4 | --- | --- | --- | 27 | 23 | 25 | 28 | 25 | 26 |
| **11** | 11 | 4.2 | 7.7 | --- | --- | --- | 29 | 24 | 26 | 28 | 25 | 26 |
| **12** | 13 | 7.0 | 9.5 | --- | --- | --- | 29 | 25 | 27 | 27 | 24 | 25 |
| **13** | 13 | 7.0 | 9.7 | --- | --- | --- | 35 | 27 | 30 | 28 | 26 | 27 |
| **14** | 17 | 8.9 | 11 | --- | --- | --- | 30 | 27 | 29 | 28 | 22 | 25 |
| **15** | 17 | 8.7 | 12 | 12 | 7.5 | 9.5 | 36 | 28 | 32 | 27 | 21 | 23 |
| **16** | --- | --- | --- | 9.6 | 7.3 | 8.5 | 32 | 28 | 30 | 25 | 22 | 23 |
| **17** | --- | --- | --- | 9.3 | 6.2 | 7.5 | 32 | 28 | 29 | 27 | 24 | 25 |
| **18** | --- | --- | --- | 9.7 | 5.7 | 7.6 | 34 | 26 | 29 | 28 | 23 | 25 |
| **19** | --- | --- | --- | 7.7 | 5.6 | 6.6 | 36 | 25 | 28 | 29 | 23 | 25 |
| **20** | 23 | 12 | 18 | 10 | 5.6 | 6.6 | 31 | 27 | 29 | 30 | 24 | 26 |
| **21** | 22 | 15 | 19 | 11 | 6.0 | 8.4 | 38 | 28 | 29 | 27 | 22 | 24 |
| **22** | 21 | 15 | 17 | 17 | 9.9 | 13 | 40 | 28 | 33 | 26 | 21 | 24 |
| **23** | 23 | 15 | 19 | 17 | 12 | 15 | 39 | 29 | 31 | 24 | 22 | 24 |
| **24** | 23 | 16 | 19 | 23 | 17 | 20 | 37 | 27 | 31 | 28 | 22 | 24 |
| **25** | 27 | 18 | 20 | 22 | 13 | 19 | 39 | 28 | 33 | 38 | 23 | 28 |
| **26** | --- | --- | --- | 17 | 12 | 14 | 35 | 30 | 32 | 31 | 25 | 27 |
| **27** | --- | --- | --- | 22 | 14 | 18 | 34 | 29 | 31 | 27 | 20 | 22 |
| **28** | --- | --- | --- | 24 | 16 | 19 | 44 | 29 | 35 | 27 | 22 | 24 |
| **29** | --- | --- | --- | 25 | 6.1 | 19 | 44 | 29 | 33 | 25 | 22 | 24 |
| **30** | --- | --- | --- | 23 | 14 | 18 | 40 | 26 | 31 | 31 | 24 | 27 |
| **31** | --- | --- | --- | --- | --- | --- | 29 | 22 | 27 | 38 | 26 | 30 |
| **Month** | --- | --- | --- | --- | --- | --- | 44 | 14 | 28 | 38 | 20 | 25 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 36 | 24 | 30 | 45 | 43 | 44 | --- | --- | --- | 22 | 17 | 20 |
| **2** | 34 | 25 | 28 | 46 | 42 | 44 | 31 | 24 | 26 | 23 | 17 | 19 |
| **3** | 28 | 24 | 26 | 46 | 44 | 45 | 40 | 20 | 23 | 24 | 16 | 19 |
| **4** | 30 | 24 | 27 | 52 | 44 | 45 | 26 | 21 | 22 | 39 | 18 | 23 |
| **5** | 32 | 27 | 30 | 45 | 44 | 44 | 23 | 20 | 22 | 41 | 19 | 26 |
| **6** | 34 | 28 | 30 | 45 | 43 | 44 | 22 | 18 | 20 | --- | --- | --- |
| **7** | --- | --- | --- | 47 | 44 | 46 | 20 | 17 | 18 | --- | --- | --- |
| **8** | 33 | 30 | 31 | 60 | 43 | 45 | 20 | 17 | 18 | --- | --- | --- |
| **9** | 31 | 28 | 30 | 61 | 43 | 47 | 19 | 17 | 19 | 30 | 15 | 23 |
| **10** | 33 | 27 | 29 | 52 | 44 | 46 | 22 | 18 | 20 | 30 | 15 | 20 |
| **11** | 31 | 26 | 28 | 62 | 45 | 48 | 21 | 18 | 19 | 32 | 22 | 26 |
| **12** | 32 | 28 | 30 | 52 | 47 | 50 | 27 | 19 | 23 | 27 | 23 | 25 |
| **13** | 33 | 28 | 30 | 69 | 51 | 54 | 30 | 20 | 25 | 28 | 24 | 26 |
| **14** | 34 | 27 | 30 | 74 | 51 | 63 | 28 | 17 | 22 | 34 | 23 | 25 |
| **15** | 32 | 28 | 29 | 84 | 57 | 71 | 25 | 17 | 19 | --- | --- | --- |
| **16** | 35 | 28 | 31 | 110 | 65 | 81 | 22 | 18 | 19 | --- | --- | --- |
| **17** | 39 | 31 | 36 | 110 | 75 | 99 | 24 | 18 | 20 | 23 | 15 | 18 |
| **18** | 42 | 37 | 39 | 99 | 42 | 75 | 25 | 18 | 21 | 23 | 15 | 17 |
| **19** | 52 | 39 | 44 | 82 | 40 | 57 | 29 | 24 | 25 | 27 | 16 | 21 |
| **20** | 58 | 50 | 53 | 88 | 38 | 45 | 26 | 22 | 24 | 25 | 15 | 19 |
| **21** | 56 | 48 | 53 | 45 | 37 | 39 | 27 | 23 | 24 | 27 | 15 | 20 |
| **22** | 53 | 48 | 50 | 39 | 35 | 37 | 27 | 21 | 23 | 18 | 14 | 17 |
| **23** | 50 | 47 | 48 | 40 | 35 | 37 | 28 | 21 | 23 | 20 | 14 | 15 |
| **24** | 48 | 45 | 47 | 39 | 34 | 37 | 32 | 21 | 26 | 19 | 12 | 14 |
| **25** | 46 | 44 | 45 | 38 | 35 | 37 | --- | --- | --- | 19 | 11 | 13 |
| **26** | 48 | 46 | 47 | 39 | 36 | 37 | --- | --- | --- | 18 | 12 | 14 |
| **27** | 48 | 44 | 47 | 39 | 36 | 37 | --- | --- | --- | --- | --- | --- |
| **28** | 50 | 46 | 47 | 44 | 36 | 38 | --- | --- | --- | --- | --- | --- |
| **29** | 47 | 44 | 46 | 46 | 33 | 39 | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | 38 | 34 | 36 | 25 | 18 | 21 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 | 7.9 | 11 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 18 | 9.2 | 12 | 7.3 | 2.8 | 4.8 | 12 | 8.4 | 9.8 | 11 | 7.0 | 9.3 |
| **2** | 20 | 9.1 | 12 | 15 | 2.9 | 6.4 | 19 | 5.3 | 12 | 15 | 6.4 | 9.3 |
| **3** | 19 | 9.9 | 12 | 14 | 5.1 | 8.5 | 6.1 | 5.4 | 5.7 | 14 | 6.7 | 8.5 |
| **4** | 19 | 7.5 | 13 | 28 | 4.8 | 11 | --- | --- | --- | 9.7 | 5.8 | 7.4 |
| **5** | 20 | 12 | 15 | 26 | 3.3 | 11 | --- | --- | --- | 10 | 6.3 | 7.7 |
| **6** | 20 | 8.6 | 14 | 11 | 3.6 | 6.6 | --- | --- | --- | 11 | 7.1 | 9.2 |
| **7** | 20 | 9.8 | 13 | 17 | 4.7 | 9.5 | --- | --- | --- | 11 | 6.4 | 8.5 |
| **8** | 18 | 9.2 | 12 | 24 | 4.4 | 13 | --- | --- | --- | 12 | 7.3 | 10 |
| **9** | 18 | 9.1 | 11 | 33 | 3.4 | 15 | --- | --- | --- | --- | --- | --- |
| **10** | 17 | 9.0 | 12 | 17 | 5.3 | 8.8 | --- | --- | --- | --- | --- | --- |
| **11** | 20 | 9.2 | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 18 | 8.3 | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 16 | 8.6 | 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | --- | --- | --- | --- | --- | --- | 11 | 6.7 | 8.6 | --- | --- | --- |
| **16** | --- | --- | --- | 16 | 8.6 | 12 | 13 | 8.4 | 10 | --- | --- | --- |
| **17** | --- | --- | --- | 19 | 9.0 | 12 | 15 | 8.0 | 9.7 | 93 | 71 | 81 |
| **18** | 18 | 8.3 | 12 | 16 | 9.4 | 12 | --- | --- | --- | 75 | 46 | 59 |
| **19** | 17 | 11 | 13 | 16 | 7.2 | 10 | --- | --- | --- | 51 | 38 | 43 |
| **20** | 15 | 10 | 12 | 17 | 7.7 | 10 | --- | --- | --- | 46 | 32 | 38 |
| **21** | 14 | 9.2 | 11 | 29 | 9.7 | 15 | 23 | 8.4 | 12 | 42 | 33 | 37 |
| **22** | 13 | 7.8 | 9.7 | --- | --- | --- | 17 | 9.5 | 11 | 43 | 35 | 38 |
| **23** | 13 | 9.0 | 11 | 17 | 12 | 13 | 21 | 9.2 | 11 | 42 | 30 | 36 |
| **24** | 14 | 8.1 | 10 | 16 | 11 | 13 | 13 | 9.8 | 11 | 36 | 29 | 33 |
| **25** | 15 | 8.2 | 10 | 19 | 9.8 | 13 | --- | --- | --- | 36 | 28 | 31 |
| **26** | 14 | 8.8 | 11 | 13 | 7.7 | 11 | --- | --- | --- | 32 | 28 | 30 |
| **27** | --- | --- | --- | 11 | 7.0 | 8.9 | --- | --- | --- | 33 | 26 | 28 |
| **28** | --- | --- | --- | 14 | 6.8 | 9.2 | 18 | 9.4 | 11 | 30 | 22 | 26 |
| **29** | 9.3 | 4.1 | 5.5 | 12 | 7.4 | 8.9 | 17 | 8.9 | 12 | 26 | 20 | 23 |
| **30** | 13 | 4.1 | 5.5 | 21 | 7.7 | 11 | 14 | 7.1 | 8.9 | 28 | 18 | 23 |
| **31** | --- | --- | --- | 14 | 9.4 | 11 | 11 | 6.9 | 8.5 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 27.0 | 25.8 | 26.4 | 21.5 | 20.6 | 21.0 | 16.3 | 15.2 | 15.8 | 14.2 | 13.3 | 13.7 |
| **2** | 27.0 | 26.1 | 26.6 | 20.6 | 19.3 | 20.1 | 15.5 | 14.7 | 15.3 | 13.8 | 12.8 | 13.2 |
| **3** | 27.4 | 26.4 | 26.9 | 19.5 | 18.0 | 18.8 | 14.7 | 13.8 | 14.4 | 13.2 | 12.9 | 13.1 |
| **4** | 27.6 | 26.4 | 26.9 | 19.2 | 18.5 | 18.9 | 13.9 | 13.3 | 13.6 | 13.0 | 12.9 | 13.0 |
| **5** | 28.4 | 26.2 | 26.8 | 19.5 | 19.1 | 19.3 | 13.6 | 12.9 | 13.3 | 13.8 | 13.0 | 13.2 |
| **6** | 28.3 | 26.3 | 27.2 | 19.8 | 19.4 | 19.5 | 13.4 | 13.2 | 13.3 | 13.8 | 13.1 | 13.5 |
| **7** | 28.0 | 26.6 | 27.0 | 20.2 | 19.2 | 19.6 | 13.4 | 12.5 | 13.3 | 14.0 | 13.2 | 13.6 |
| **8** | 27.1 | 26.1 | 26.6 | 20.0 | 19.2 | 19.5 | 12.5 | 11.5 | 11.9 | 13.7 | 12.5 | 13.1 |
| **9** | 26.9 | 26.1 | 26.5 | 20.2 | 19.2 | 19.7 | 11.7 | 11.2 | 11.4 | 13.9 | 12.5 | 13.2 |
| **10** | 26.9 | 26.3 | 26.6 | 20.5 | 20.0 | 20.3 | 11.9 | 11.2 | 11.4 | 13.9 | 12.9 | 13.4 |
| **11** | 26.3 | 25.9 | 26.1 | 20.2 | 19.3 | 19.8 | 12.0 | 11.9 | 12.0 | 14.0 | 13.3 | 13.7 |
| **12** | 26.4 | 25.7 | 25.9 | 19.3 | 18.6 | 18.9 | 12.3 | 12.0 | 12.2 | 14.9 | 13.9 | 14.3 |
| **13** | 25.7 | 24.5 | 24.8 | 19.4 | 18.9 | 19.1 | 12.5 | 11.9 | 12.2 | 15.6 | 14.8 | 15.2 |
| **14** | 25.1 | 24.1 | 24.5 | 19.7 | 19.1 | 19.4 | 12.5 | 11.9 | 12.2 | 15.7 | 14.7 | 15.2 |
| **15** | 24.9 | 24.2 | 24.5 | 19.9 | 18.3 | 19.3 | 12.9 | 12.2 | 12.5 | 14.7 | 12.9 | 13.8 |
| **16** | 24.6 | 24.1 | 24.3 | 18.5 | 17.8 | 18.1 | 14.1 | 12.8 | 13.1 | 12.9 | 11.0 | 12.0 |
| **17** | 24.5 | 23.8 | 24.2 | 18.3 | 17.6 | 17.9 | 14.5 | 13.1 | 13.6 | 11.2 | 10.0 | 10.7 |
| **18** | 25.2 | 24.2 | 24.8 | 18.1 | 17.4 | 17.7 | 15.0 | 14.1 | 14.2 | 10.0 | 8.7 | 9.1 |
| **19** | 25.1 | 23.7 | 24.4 | 18.3 | 17.2 | 17.7 | 15.6 | 14.3 | 14.9 | 8.9 | 8.2 | 8.6 |
| **20** | 23.9 | 23.1 | 23.4 | 17.3 | 16.5 | 16.9 | 16.2 | 15.1 | 15.9 | 8.8 | 8.3 | 8.5 |
| **21** | 23.2 | 22.8 | 23.0 | 16.9 | 16.3 | 16.5 | 16.2 | 14.4 | 15.7 | 9.5 | 8.6 | 8.9 |
| **22** | 22.8 | 21.3 | 22.0 | 16.8 | 16.1 | 16.5 | 15.6 | 15.1 | 15.3 | 9.4 | 8.8 | 9.2 |
| **23** | 21.5 | 20.5 | 21.0 | 17.0 | 16.0 | 16.5 | 15.2 | 14.7 | 14.9 | 9.2 | 6.5 | 8.2 |
| **24** | 21.4 | 20.2 | 20.8 | 17.1 | 16.4 | 16.7 | 14.8 | 14.0 | 14.3 | 9.0 | 6.1 | 7.7 |
| **25** | 21.4 | 21.1 | 21.3 | 17.2 | 16.5 | 16.8 | 14.0 | 13.2 | 13.8 | 9.8 | 4.9 | 8.3 |
| **26** | 21.4 | 20.7 | 21.1 | 17.5 | 16.8 | 17.0 | 13.4 | 12.6 | 13.0 | 10.3 | 9.2 | 9.7 |
| **27** | 21.1 | 20.5 | 20.8 | 17.9 | 16.9 | 17.4 | 13.4 | 12.4 | 12.9 | 10.6 | 9.8 | 10.2 |
| **28** | 21.8 | 19.9 | 20.8 | 18.2 | 17.4 | 17.8 | 13.6 | 12.9 | 13.2 | 10.4 | 9.8 | 10.1 |
| **29** | 21.4 | 20.6 | 21.0 | 18.8 | 17.4 | 18.3 | 15.0 | 13.6 | 14.2 | 10.3 | 9.7 | 10 |
| **30** | 21.5 | 20.7 | 21.0 | 18.8 | 15.8 | 17.5 | 14.6 | 14.0 | 14.4 | 10.5 | 10.0 | 10.3 |
| **31** | 21.2 | 20.7 | 20.9 | --- | --- | --- | 14.6 | 13.8 | 14.1 | 10.2 | 9.6 | 9.9 |
| **Month** | 28.4 | 19.9 | 24.1 | 21.5 | 15.8 | 18.4 | 16.3 | 11.2 | 13.6 | 15.7 | 4.9 | 11.5 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.3 | 9.7 | 10 | 16.3 | 15.2 | 15.9 | 23.0 | 22.4 | 22.7 | 23.8 | 22.0 | 22.9 |
| **2** | 10.2 | 9.4 | 9.9 | 15.8 | 15.0 | 15.4 | 23.3 | 22.4 | 22.8 | 24.0 | 22.5 | 23.2 |
| **3** | 9.9 | 9.3 | 9.6 | 16.1 | 14.9 | 15.5 | 23.5 | 22.9 | 23.1 | 24.0 | 23.0 | 23.5 |
| **4** | 10.5 | 9.5 | 9.9 | 15.4 | 14.6 | 15.0 | 23.6 | 22.1 | 22.9 | 24.7 | 23.7 | 24.1 |
| **5** | 10.8 | 9.7 | 10.2 | 15.4 | 14.3 | 14.8 | 22.6 | 21.4 | 21.9 | 25.1 | 24.5 | 24.8 |
| **6** | 11.6 | 9.8 | 10.5 | 15.3 | 14.3 | 14.9 | 22.0 | 21.1 | 21.6 | 24.8 | 24.3 | 24.6 |
| **7** | 11.8 | 10.7 | 11.0 | 15.6 | 14.9 | 15.3 | 21.3 | 18.4 | 19.8 | 25.4 | 24.5 | 24.9 |
| **8** | 11.4 | 10.8 | 11.1 | 15.8 | 14.8 | 15.3 | 18.6 | 17.7 | 18.3 | 26.1 | 25.0 | 25.4 |
| **9** | 12.1 | 10.9 | 11.5 | 15.8 | 15.1 | 15.5 | 18.6 | 18.1 | 18.4 | 25.8 | 24.9 | 25.4 |
| **10** | 11.7 | 11.0 | 11.2 | 16.3 | 15.7 | 16.0 | 19.3 | 18.5 | 18.8 | 25.6 | 24.7 | 25.0 |
| **11** | 11.5 | 11.0 | 11.3 | 17.9 | 15.8 | 16.7 | 20.4 | 18.7 | 19.4 | 26.9 | 25.0 | 25.6 |
| **12** | 12.2 | 11.5 | 11.9 | 18.1 | 16.9 | 17.5 | 20.5 | 18.9 | 19.7 | 26.3 | 24.9 | 25.4 |
| **13** | 12.1 | 11.2 | 11.8 | 17.6 | 16.7 | 17.2 | 20.4 | 19.9 | 20.2 | 26.0 | 24.7 | 25.4 |
| **14** | 11.2 | 10.5 | 10.9 | 18.3 | 16.4 | 17.7 | 20.4 | 18.9 | 19.8 | 26.1 | 25.0 | 25.5 |
| **15** | 10.7 | 9.8 | 10.3 | 20.6 | 17.6 | 18.6 | 19.8 | 18.0 | 18.8 | 26.3 | 25.4 | 25.8 |
| **16** | 10.2 | 9.2 | 9.8 | 19.5 | 18.5 | 19.2 | 19.6 | 18.4 | 19.0 | 27.0 | 25.1 | 25.9 |
| **17** | 11.1 | 9.9 | 10.4 | 18.9 | 18.3 | 18.6 | 19.5 | 19.2 | 19.3 | 26.2 | 25.6 | 25.8 |
| **18** | 10.6 | 9.6 | 10.1 | 18.6 | 18.0 | 18.3 | 19.5 | 18.9 | 19.2 | 25.6 | 24.9 | 25.3 |
| **19** | 11.9 | 10.0 | 11.1 | 19.0 | 18.3 | 18.6 | --- | --- | --- | 25.9 | 25.1 | 25.5 |
| **20** | 11.5 | 10.9 | 11.2 | 19.6 | 18.7 | 19.1 | --- | --- | --- | 26.0 | 24.9 | 25.4 |
| **21** | 11.8 | 11.0 | 11.3 | 20.3 | 19.4 | 19.8 | --- | --- | --- | 25.9 | 25.4 | 25.7 |
| **22** | 12.4 | 11.1 | 11.7 | 20.6 | 19.8 | 20.1 | --- | --- | --- | 25.6 | 25.1 | 25.4 |
| **23** | 14.3 | 12.0 | 12.8 | 21.1 | 20.3 | 20.6 | --- | --- | --- | 26.2 | 25.4 | 25.7 |
| **24** | 14.8 | 13.0 | 14.0 | 21.2 | 20.6 | 20.9 | 21.8 | 21.3 | 21.5 | 26.4 | 25.6 | 25.9 |
| **25** | 14.4 | 13.1 | 13.7 | 21.3 | 21.0 | 21.1 | 21.6 | 21.1 | 21.3 | 26.5 | 26.0 | 26.2 |
| **26** | 14.4 | 13.4 | 13.7 | 21.5 | 21.1 | 21.2 | 21.9 | 20.8 | 21.2 | 26.1 | 25.6 | 25.8 |
| **27** | 14.7 | 13.5 | 14.1 | 22.0 | 21.2 | 21.5 | 22.6 | 21.0 | 21.8 | 25.7 | 25.3 | 25.5 |
| **28** | 16.3 | 14.2 | 15.5 | 22.3 | 21.6 | 21.9 | 22.6 | 21.9 | 22.2 | 25.5 | 25.0 | 25.4 |
| **29** | --- | --- | --- | 23.0 | 21.9 | 22.4 | 22.4 | 21.8 | 22.1 | 25.3 | 24.8 | 25.0 |
| **30** | --- | --- | --- | 23.0 | 22.4 | 22.7 | 22.6 | 21.7 | 21.9 | 26.0 | 25.0 | 25.2 |
| **31** | --- | --- | --- | 22.9 | 22.2 | 22.6 | --- | --- | --- | 25.8 | 25.0 | 25.4 |
| **Month** | 16.3 | 9.2 | 11.4 | 23.0 | 14.3 | 18.4 | --- | --- | --- | 27.0 | 22.0 | 25.2 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 26.3 | 24.8 | 25.4 | 29.3 | 28.7 | 28.9 | 29.7 | 28.2 | 28.7 | 30.5 | 29.6 | 30.1 |
| **2** | 26.9 | 25.4 | 26.0 | 28.8 | 28.3 | 28.6 | 29.8 | 28.0 | 28.8 | 30.0 | 28.9 | 29.2 |
| **3** | 26.5 | 25.0 | 25.6 | 29.1 | 28.4 | 28.7 | 30.2 | 28.0 | 28.7 | 30.2 | 29.0 | 29.3 |
| **4** | 27.3 | 24.7 | 25.4 | 28.9 | 28.2 | 28.5 | 28.9 | 28.1 | 28.5 | 29.4 | 28.9 | 29.1 |
| **5** | 27.3 | 24.8 | 25.3 | 28.3 | 27.8 | 28.0 | 28.6 | 28.0 | 28.3 | 29.0 | 28.8 | 28.9 |
| **6** | 27.0 | 25.0 | 25.5 | 28.3 | 27.3 | 27.9 | 30.0 | 28.3 | 29.0 | 29.1 | 28.8 | 28.9 |
| **7** | 27.8 | 26.9 | 27.3 | 27.7 | 27.1 | 27.3 | 29.7 | 28.0 | 28.7 | 29.1 | 28.6 | 28.8 |
| **8** | 28.6 | 26.3 | 27.5 | 27.5 | 27.2 | 27.3 | 29.7 | 28.3 | 29.0 | 29.9 | 28.6 | 28.9 |
| **9** | 28.3 | 27.0 | 27.6 | 28.1 | 27.1 | 27.6 | 29.9 | 28.0 | 29.0 | 29.6 | 28.8 | 29.2 |
| **10** | 27.9 | 26.4 | 27.1 | 28.4 | 28.0 | 28.2 | 30.0 | 28.2 | 29.1 | 29.7 | 28.6 | 29.2 |
| **11** | 27.7 | 26.7 | 27.2 | 29.0 | 28.1 | 28.6 | 30.2 | 29.0 | 29.7 | 30.4 | 29.1 | 29.6 |
| **12** | 27.6 | 26.8 | 27.2 | 28.6 | 27.8 | 28.2 | 33.0 | 29.4 | 30.4 | 30.0 | 28.5 | 29.2 |
| **13** | 28.2 | 26.9 | 27.3 | 28.5 | 28.0 | 28.2 | 32.6 | 30.1 | 31.3 | 28.7 | 28.1 | 28.4 |
| **14** | 27.9 | 26.9 | 27.5 | 29.2 | 27.9 | 28.3 | 33.1 | 30.6 | 31.8 | 29.4 | 28.1 | 28.7 |
| **15** | 29.4 | 27.2 | 27.9 | 28.8 | 28.0 | 28.3 | 33.3 | 30.8 | 31.9 | 30.8 | 28.7 | 29.6 |
| **16** | 29.3 | 28.6 | 29.1 | 29.2 | 28.7 | 28.9 | 32.0 | 29.9 | 30.7 | 29.7 | 28.5 | 29.1 |
| **17** | 28.9 | 28.4 | 28.7 | 29.5 | 28.8 | 29.1 | 30.8 | 29.5 | 30.2 | 29.6 | 28.5 | 29.1 |
| **18** | 28.9 | 28.2 | 28.5 | 29.2 | 28.8 | 29.0 | 30.5 | 29.7 | 30.1 | 29.4 | 28.6 | 29.0 |
| **19** | 29.1 | 28.6 | 28.8 | 29.0 | 28.5 | 28.7 | 30.8 | 29.8 | 30.3 | 29.4 | 28.8 | 29.1 |
| **20** | 29.6 | 28.6 | 29.0 | 28.7 | 27.8 | 28.3 | 31.0 | 29.9 | 30.5 | 30.3 | 29.0 | 29.4 |
| **21** | 29.9 | 29.0 | 29.3 | 28.6 | 27.8 | 28.1 | 30.9 | 29.9 | 30.4 | 29.3 | 28.3 | 28.7 |
| **22** | 29.4 | 28.9 | 29.1 | 28.4 | 27.7 | 28.0 | 31.3 | 30.6 | 30.8 | 29.2 | 28.1 | 28.5 |
| **23** | 29.0 | 28.4 | 28.7 | 29.2 | 27.7 | 28.6 | 31.4 | 30.4 | 30.9 | 28.8 | 28.0 | 28.4 |
| **24** | 29.5 | 28.5 | 28.9 | 29.1 | 27.9 | 28.4 | 31.2 | 30.5 | 30.7 | 29.3 | 28.1 | 28.6 |
| **25** | 29.4 | 28.8 | 29.0 | 29.4 | 27.8 | 28.6 | 31.1 | 30.3 | 30.6 | 29.6 | 28.7 | 29.0 |
| **26** | 29.1 | 28.6 | 28.8 | 29.5 | 28.1 | 28.5 | 31.0 | 29.9 | 30.3 | 29.4 | 28.8 | 29.1 |
| **27** | 29.2 | 28.4 | 28.8 | 29.1 | 28.5 | 28.8 | 31.6 | 30.1 | 30.5 | 29.6 | 28.7 | 29.0 |
| **28** | 29.6 | 28.3 | 28.9 | 28.6 | 28.1 | 28.4 | 31.2 | 30.3 | 30.7 | 29.9 | 28.6 | 29.3 |
| **29** | 29.2 | 28.6 | 29.0 | 28.7 | 28.1 | 28.4 | 31.0 | 30.0 | 30.3 | 29.5 | 28.5 | 28.9 |
| **30** | 29.6 | 28.7 | 29.1 | 28.8 | 28.1 | 28.4 | 30.5 | 30.0 | 30.2 | 29.0 | 28.5 | 28.8 |
| **31** | --- | --- | --- | 28.8 | 28.0 | 28.5 | 31.1 | 29.6 | 30.2 | --- | --- | --- |
| **Month** | 29.9 | 24.7 | 27.8 | 29.5 | 27.1 | 28.4 | 33.3 | 28.0 | 30.0 | 30.8 | 28.0 | 29.0 |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 29.2 | 28.4 | 28.7 | 21.7 | 19.5 | 20.3 | 16.4 | 15.0 | 15.5 | 12.5 | 11.5 | 12.1 |
| **2** | 28.8 | 28.2 | 28.5 | --- | --- | --- | 16.0 | 15.2 | 15.6 | 11.5 | 10.7 | 11.1 |
| **3** | 28.7 | 28.1 | 28.3 | 20.7 | 19.9 | 20.2 | 16.0 | 14.6 | 15.2 | 10.7 | 9.9 | 10.3 |
| **4** | 28.9 | 27.8 | 28.4 | 20.6 | 19.8 | 20.2 | 15.1 | 14.0 | 14.6 | 10.9 | 9.9 | 10.5 |
| **5** | 28.6 | 28.3 | 28.5 | 20.6 | 20.0 | 20.3 | 15.1 | 14.2 | 14.6 | 12.0 | 10.8 | 11.4 |
| **6** | 28.6 | 28.0 | 28.2 | 21.2 | 20.2 | 20.8 | 14.9 | 14.2 | 14.6 | 13.0 | 12.0 | 12.5 |
| **7** | 28.8 | 28.0 | 28.3 | 20.5 | 19.5 | 19.8 | 15.4 | 14.8 | 15.1 | 13.8 | 12.7 | 13.1 |
| **8** | 28.4 | 27.8 | 28.1 | 19.9 | 19.3 | 19.6 | 16.4 | 15.4 | 15.8 | 14.2 | 13.4 | 13.8 |
| **9** | 29.1 | 27.8 | 28.4 | 20.4 | 19.6 | 19.9 | 16.8 | 16.2 | 16.5 | 14.0 | 12.8 | 13.4 |
| **10** | 28.5 | 27.5 | 28.0 | 20.3 | 19.6 | 20.0 | 17.5 | 16.5 | 16.9 | 14.4 | 13.4 | 13.8 |
| **11** | 28.2 | 27.1 | 27.6 | 20.6 | 19.8 | 20.2 | 18.2 | 17.5 | 17.8 | 14.5 | 12.9 | 13.6 |
| **12** | 27.7 | 26.8 | 27.4 | 20.9 | 20.1 | 20.4 | 19.0 | 16.7 | 17.6 | 14.2 | 12.9 | 13.6 |
| **13** | 27.5 | 26.7 | 27.0 | 20.8 | 20.2 | 20.4 | 17.0 | 16.5 | 16.7 | 14.2 | 13.1 | 13.6 |
| **14** | 26.7 | 26.1 | 26.5 | 20.8 | 20.1 | 20.4 | 16.9 | 16.6 | 16.7 | 14.0 | 12.9 | 13.6 |
| **15** | 26.5 | 25.2 | 26.0 | 20.3 | 19.2 | 19.8 | 17.2 | 15.2 | 16.5 | 13.6 | 13.3 | 13.5 |
| **16** | 25.9 | 24.6 | 25.2 | 19.3 | 18.6 | 19.0 | 15.2 | 14.0 | 14.7 | 13.3 | 12.9 | 13.1 |
| **17** | 25.8 | 24.3 | 25.2 | 19.2 | 18.8 | 19.0 | 15.0 | 13.9 | 14.4 | 13.1 | 12.6 | 12.9 |
| **18** | 24.9 | 23.9 | 24.5 | 19.4 | 18.9 | 19.1 | 15.2 | 14.3 | 14.7 | 12.6 | 11.7 | 12.1 |
| **19** | 25.9 | 25.9 | 25.1 | 19.5 | 19.0 | 19.3 | 15.4 | 14.5 | 14.9 | 11.8 | 10.9 | 11.5 |
| **20** | 25.3 | 24.2 | 24.8 | 20.1 | 19.3 | 19.6 | 15.6 | 14.7 | 15.3 | 11.2 | 10.3 | 10.8 |
| **21** | 25.3 | 24.8 | 25.0 | 20.3 | 19.1 | 19.9 | 15.4 | 14.4 | 15.0 | 11.1 | 10.6 | 10.9 |
| **22** | 25.0 | 23.1 | 24.3 | 19.1 | 17.6 | 18.3 | 16.0 | 14.3 | 15.4 | 11.8 | 11.0 | 11.4 |
| **23** | 23.1 | 21.8 | 22.4 | 17.6 | 16.2 | 17.0 | 14.6 | 13.6 | 14.0 | 11.3 | 10.8 | 11.0 |
| **24** | 21.8 | 21.0 | 21.5 | 16.2 | 15.1 | 15.6 | 14.6 | 13.2 | 13.8 | 11.0 | 10.5 | 10.7 |
| **25** | 21.1 | 20.1 | 20.6 | 15.2 | 14.5 | 15.0 | 13.9 | 13.0 | 13.5 | 10.6 | 9.5 | 9.9 |
| **26** | 21.4 | 19.6 | 20.4 | 15.4 | 14.2 | 14.7 | 13.9 | 12.9 | 13.4 | 10.8 | 9.4 | 10 |
| **27** | 20.9 | 20.0 | 20.4 | 15.6 | 13.9 | 14.6 | 13.1 | 12.5 | 12.9 | 11.3 | 10.2 | 10.7 |
| **28** | 20.8 | 20.8 | 20.1 | 15.5 | 14.1 | 14.8 | 13.4 | 12.7 | 13.0 | 11.9 | 10.3 | 11.1 |
| **29** | 20.6 | 19.1 | 19.8 | 15.6 | 14.5 | 15.0 | 12.8 | 12.4 | 12.6 | 12.4 | 11.2 | 12.1 |
| **30** | 21.6 | 21.6 | 19.9 | 15.4 | 14.8 | 15.0 | 13.1 | 12.0 | 12.6 | 11.2 | 9.8 | 10.6 |
| **31** | 21.8 | 21.8 | 20.2 | --- | --- | --- | 13.0 | 12.2 | 12.6 | 11.8 | 10.7 | 11.2 |
| **Month** | 29.2 | 19.1 | 25.1 | --- | --- | --- | 19.0 | 12.0 | 14.9 | 14.5 | 9.4 | 11.9 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.5 | 9.9 | 10.7 | 16.9 | 16.3 | 16.5 | 22.9 | 20.8 | 21.1 | 23.3 | 22.7 | 23.0 |
| **2** | 12.0 | 10.6 | 11.3 | 17.2 | 16.7 | 16.9 | 21.9 | 20.8 | 21.4 | 23.6 | 23.0 | 23.2 |
| **3** | 13.2 | 11.8 | 12.5 | 17.3 | 16.2 | 17.0 | 22.5 | 21.5 | 21.9 | 24.2 | 23.4 | 23.7 |
| **4** | 13.9 | 13.1 | 13.4 | 16.2 | 15.6 | 15.9 | 22.0 | 21.2 | 21.7 | 24.0 | 22.9 | 23.4 |
| **5** | 14.7 | 13.4 | 14.0 | 16.2 | 15.6 | 15.9 | 22.0 | 20.8 | 21.2 | 23.9 | 22.8 | 23.4 |
| **6** | 13.8 | 12.6 | 13.3 | 16.4 | 15.9 | 16.1 | 23.7 | 20.8 | 21.4 | 23.3 | 22.5 | 22.9 |
| **7** | --- | 12.6 | --- | 15.9 | 14.6 | 15.2 | 21.5 | 20.6 | 20.9 | 23.5 | 22.8 | 23.2 |
| **8** | 14.1 | 13.0 | 13.5 | 14.8 | 14.2 | 14.5 | 22.5 | 21.1 | 21.8 | 23.2 | 22.9 | 23.2 |
| **9** | 14.3 | 13.7 | 14.0 | 15.3 | 14.6 | 14.9 | 22.6 | 21.9 | 22.4 | 23.9 | 23.0 | 23.4 |
| **10** | 14.9 | 13.9 | 14.2 | 15.2 | 15.1 | 15.1 | 22.6 | 21.8 | 22.2 | 24.7 | 23.4 | 23.9 |
| **11** | 15.9 | 14.4 | 14.9 | 15.8 | 14.9 | 15.2 | 22.5 | 22.0 | 22.3 | 25.0 | 24.0 | 24.5 |
| **12** | 15.9 | 14.7 | 15.3 | 15.5 | 15.1 | 15.3 | 22.0 | 21.2 | 21.6 | 24.5 | 23.6 | 24.1 |
| **13** | 14.7 | 14.1 | 14.4 | 16.1 | 15.0 | 15.4 | 21.6 | 20.8 | 21.2 | 24.6 | 24.3 | 24.5 |
| **14** | 14.9 | 14.1 | 14.5 | 16.3 | 15.8 | 16.0 | 21.2 | 20.2 | 20.7 | 24.8 | 24.4 | 24.6 |
| **15** | 15.1 | 14.5 | 14.7 | 18.6 | 16.2 | 17.1 | 20.6 | 19.9 | 20.3 | 26.1 | 24.0 | 24.8 |
| **16** | 15.9 | 15.1 | 15.6 | 18.1 | 16.8 | 17.7 | 20.8 | 20.0 | 20.4 | 24.6 | 22.5 | 23.8 |
| **17** | 16.1 | 15.2 | 15.7 | 19.0 | 18.0 | 18.4 | 20.8 | 20.3 | 20.5 | 24.4 | 23.6 | 24.0 |
| **18** | 16.1 | 15.1 | 15.7 | 19.3 | 18.6 | 19.0 | 20.9 | 20.2 | 20.5 | 24.2 | 23.2 | 23.7 |
| **19** | 16.4 | 15.4 | 15.9 | 18.8 | 18.0 | 18.4 | 20.6 | 20.1 | 20.4 | 24.5 | 23.1 | 23.8 |
| **20** | 16.5 | 15.8 | 16.1 | 18.4 | 17.2 | 18.0 | 21.6 | 20.4 | 20.8 | 24.6 | 23.7 | 24.2 |
| **21** | 16.8 | 16.0 | 16.3 | 18.6 | 17.9 | 18.3 | 22.2 | 21.3 | 21.5 | 26.1 | 24.3 | 24.9 |
| **22** | 16.3 | 15.8 | 16.1 | 18.9 | 18.2 | 18.5 | 22.5 | 21.4 | 21.7 | 26.5 | 25.5 | 26.1 |
| **23** | 16.1 | 15.4 | 15.7 | 19.7 | 18.3 | 19.0 | 24.0 | 22.0 | 22.5 | 27.0 | 26.1 | 26.4 |
| **24** | 16.7 | 16.1 | 16.4 | 18.9 | 17.5 | 18.1 | 23.7 | 22.2 | 23.2 | 27.4 | 26.7 | 26.8 |
| **25** | 17.2 | 16.0 | 16.6 | 18.7 | 18.0 | 18.3 | 23.6 | 22.9 | 23.2 | 28.0 | 27.1 | 27.4 |
| **26** | 17.0 | 16.1 | 16.7 | 18.7 | 18.1 | 18.5 | 23.6 | 22.6 | 23.2 | 28.4 | 27.3 | 27.8 |
| **27** | 16.1 | 15.6 | 15.8 | 19.3 | 18.3 | 18.7 | 23.7 | 22.9 | 23.4 | 28.3 | 27.5 | 27.8 |
| **28** | 16.6 | 15.6 | 16.1 | 19.3 | 18.9 | 19.1 | 23.3 | 22.2 | 22.6 | 29.2 | 27.7 | 28.0 |
| **29** | 16.3 | 15.8 | 16.0 | 20.4 | 19.2 | 19.6 | 23.2 | 22.1 | 22.7 | 28.3 | 27.3 | 27.7 |
| **30** | --- | --- | --- | 20.9 | 20.0 | 20.4 | 23.2 | 22.6 | 22.9 | 28.2 | 27.4 | 27.6 |
| **31** | --- | --- | --- | 21.3 | 20.5 | 20.8 | --- | --- | --- | 28.5 | 27.3 | 27.9 |
| **Month** | --- | 9.9 | --- | 21.3 | 14.2 | 17.3 | 24.0 | 19.9 | 21.7 | 29.2 | 22.5 | 25.0 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 28.8 | 27.7 | 28.2 | 29.7 | 29.1 | 29.3 | 31.7 | 30.2 | 30.7 | 30.5 | 29.2 | 29.9 |
| **2** | 29.2 | 28.0 | 28.4 | 29.5 | 29.2 | 29.3 | 32.9 | 27.1 | 31.2 | 29.2 | 29.0 | 29.1 |
| **3** | 29.1 | 28.0 | 28.5 | 29.6 | 29.2 | 29.4 | --- | --- | --- | 29.5 | 29.0 | 29.1 |
| **4** | 29.0 | 28.2 | 28.6 | 29.7 | 29.2 | 29.4 | --- | --- | --- | 29.7 | 29.0 | 29.3 |
| **5** | 28.7 | 28.3 | 28.5 | 29.9 | 29.2 | 29.4 | --- | --- | --- | 30.2 | 28.8 | 29.4 |
| **6** | 28.7 | 28.1 | 28.4 | 29.6 | 29.2 | 29.4 | --- | --- | --- | 29.9 | 28.6 | 29.1 |
| **7** | 29.0 | 28.3 | 28.6 | 30.5 | 29.3 | 29.6 | --- | --- | --- | 29.7 | 28.6 | 29.0 |
| **8** | 29.4 | 28.6 | 29.0 | 30.5 | 29.6 | 29.9 | --- | --- | --- | 29.9 | 28.9 | 29.2 |
| **9** | 29.6 | 28.8 | 29.1 | 30.4 | 29.7 | 29.8 | --- | --- | --- | --- | --- | --- |
| **10** | 29.5 | 28.8 | 29.1 | 30.1 | 29.4 | 29.6 | --- | --- | --- | --- | --- | --- |
| **11** | 29.5 | 28.8 | 29.1 | 30.2 | 29.5 | 29.9 | --- | --- | --- | --- | --- | --- |
| **12** | 29.6 | 28.8 | 29.2 | 30.4 | 29.7 | 30.1 | --- | --- | --- | --- | --- | --- |
| **13** | 29.6 | 29.0 | 29.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 29.9 | 29.0 | 29.3 | --- | --- | --- | 31.5 | --- | --- | --- | --- | --- |
| **15** | 30.1 | 29.1 | 29.3 | --- | --- | --- | 31.6 | 29.5 | 30.6 | --- | --- | --- |
| **16** | 30.1 | 29.1 | 29.5 | 29.8 | 29.5 | 29.6 | 30.3 | 29.5 | 29.9 | --- | --- | --- |
| **17** | 31.8 | 28.6 | 29.3 | 30.9 | 29.5 | 29.8 | 29.9 | 29.5 | 29.7 | 24.6 | 23.8 | 24.3 |
| **18** | 31.0 | 28.6 | 29.1 | 30.9 | 29.6 | 29.9 | 29.8 | 29.5 | 29.6 | 24.6 | 23.9 | 24.3 |
| **19** | 30.5 | 28.6 | 28.9 | 31.0 | 30.0 | 30.2 | 29.8 | 29.3 | 29.5 | 24.4 | 23.9 | 24.0 |
| **20** | 30.6 | 28.6 | 29.0 | 31.0 | 29.9 | 30.2 | --- | --- | --- | 24.8 | 23.9 | 24.2 |
| **21** | 31.3 | 28.6 | 29.0 | 30.3 | 29.7 | 29.9 | 29.0 | 28.8 | 28.9 | 24.9 | 24.0 | 24.4 |
| **22** | 31.3 | 28.8 | 29.3 | 31.4 | 30.1 | 30.8 | 28.9 | 28.7 | 28.8 | 25.7 | 24.1 | 24.9 |
| **23** | 30.5 | 28.8 | 29.2 | 31.3 | 30.3 | 30.6 | 29.3 | 28.8 | 29.0 | 26.1 | 24.2 | 25.3 |
| **24** | 30.7 | 29.4 | 29.8 | 30.4 | 29.2 | 29.7 | 29.6 | 28.9 | 29.2 | 26.8 | 24.6 | 25.9 |
| **25** | 30.3 | 29.7 | 30.0 | 29.3 | 29.1 | 29.2 | 31.2 | 28.8 | 29.3 | 26.5 | 25.6 | 26.1 |
| **26** | 30.1 | 29.6 | 29.8 | 30.0 | 29.2 | 29.3 | --- | --- | --- | 26.3 | 25.0 | 25.8 |
| **27** | --- | --- | --- | 32.2 | 29.0 | 30.2 | --- | --- | --- | 26.5 | 25.5 | 25.9 |
| **28** | --- | --- | --- | 32.6 | 29.0 | 30.4 | 28.9 | 28.4 | 28.6 | 26.5 | 25.4 | 25.5 |
| **29** | 29.6 | 29.2 | 29.4 | 31.6 | 30.0 | 30.5 | 29.0 | 28.5 | 28.6 | 26.5 | 25.3 | 25.5 |
| **30** | 29.6 | 29.1 | 29.3 | 31.3 | 29.9 | 30.3 | 29.0 | 28.4 | 28.6 | 26.5 | 25.3 | 25.4 |
| **31** | --- | --- | --- | 31.1 | 29.9 | 30.3 | 30.8 | 28.6 | 29.3 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 230 | 216 | 223 | 69 | 65 | 67 | 119 | 114 | 117 | 175 | 162 | 165 |
| **2** | 232 | 223 | 227 | 69 | 65 | 66 | 120 | 117 | 118 | 217 | 163 | 178 |
| **3** | 227 | 220 | 224 | 73 | 67 | 70 | 129 | 119 | 123 | 234 | 208 | 221 |
| **4** | 226 | 220 | 223 | 78 | 68 | 70 | 124 | 119 | 122 | 242 | 229 | 235 |
| **5** | 228 | 237 | 225 | 81 | 70 | 73 | 124 | 121 | 122 | 233 | 226 | 229 |
| **6** | 233 | 222 | 227 | 73 | 70 | 72 | 122 | 120 | 121 | 230 | 219 | 226 |
| **7** | --- | --- | --- | 73 | 70 | 72 | 135 | 120 | 123 | 220 | 206 | 213 |
| **8** | --- | --- | --- | 80 | 71 | 74 | 135 | 122 | 128 | 210 | 200 | 203 |
| **9** | --- | --- | --- | 85 | 77 | 80 | 131 | 124 | 128 | 205 | 187 | 196 |
| **10** | --- | --- | --- | 95 | 82 | 90 | 131 | 126 | 128 | 193 | 183 | 188 |
| **11** | --- | --- | --- | 95 | 88 | 92 | 130 | 126 | 128 | 187 | 180 | 185 |
| **12** | --- | --- | --- | 107 | 92 | 98 | 129 | 124 | 127 | 186 | 176 | 181 |
| **13** | 246 | 235 | 240 | 102 | 94 | 98 | 129 | 123 | 126 | 188 | 181 | 185 |
| **14** | 252 | 237 | 242 | 109 | 96 | 100 | 129 | 125 | 128 | 188 | 175 | 182 |
| **15** | 251 | 238 | 245 | 103 | 94 | 99 | 145 | 128 | 134 | 186 | 167 | 178 |
| **16** | 263 | 232 | 246 | 105 | 97 | 101 | 152 | 133 | 143 | 179 | 169 | 176 |
| **17** | 274 | 129 | 228 | 103 | 99 | 101 | 156 | 132 | 148 | 180 | 169 | 178 |
| **18** | 171 | 97 | 123 | 102 | 99 | 100 | 141 | 130 | 136 | 169 | 145 | 155 |
| **19** | 109 | 80 | 94 | 107 | 99 | 103 | 141 | 130 | 134 | 145 | 141 | 143 |
| **20** | 97 | 79 | 90 | 107 | 101 | 105 | 145 | 135 | 140 | 153 | 143 | 148 |
| **21** | 90 | 79 | 86 | 108 | 102 | 104 | 150 | 139 | 141 | 154 | 141 | 149 |
| **22** | 85 | 70 | 77 | 107 | 103 | 104 | 147 | 141 | 144 | 167 | 142 | 154 |
| **23** | 85 | 77 | 80 | 110 | 106 | 108 | 161 | 145 | 146 | 168 | 149 | 157 |
| **24** | 87 | 81 | 84 | 117 | 106 | 110 | 166 | 140 | 152 | 163 | 152 | 159 |
| **25** | 85 | 81 | 83 | 116 | 110 | 112 | 155 | 141 | 146 | 164 | 154 | 158 |
| **26** | 85 | 78 | 82 | 119 | 110 | 113 | 156 | 143 | 150 | 160 | 152 | 156 |
| **27** | 81 | 78 | 80 | 120 | 109 | 113 | 152 | 150 | 152 | 161 | 151 | 156 |
| **28** | 124 | 79 | 88 | 119 | 108 | 110 | 166 | 152 | 156 | 154 | 141 | 146 |
| **29** | 90 | 65 | 83 | 119 | 111 | 114 | 184 | 164 | 173 | 149 | 144 | 147 |
| **30** | 77 | 59 | 70 | 117 | 111 | 113 | 168 | 161 | 164 | 150 | 142 | 147 |
| **31** | 69 | 60 | 66 | --- | --- | --- | 164 | 162 | 163 | 143 | 129 | 137 |
| **Month** | --- | --- | --- | 120 | 65 | 94 | 184 | 114 | 137 | 242 | 129 | 175 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 147 | 135 | 142 | 153 | 149 | 151 | 176 | 151 | 160 | 184 | 176 | 179 |
| **2** | 143 | 133 | 140 | 155 | 151 | 153 | 179 | 156 | 170 | 186 | 170 | 177 |
| **3** | 137 | 130 | 134 | 156 | 152 | 154 | 174 | 170 | 173 | 185 | 176 | 177 |
| **4** | 139 | 130 | 133 | 159 | 155 | 157 | 175 | 172 | 173 | 196 | 176 | 181 |
| **5** | 139 | 135 | 136 | 159 | 154 | 156 | 173 | 162 | 171 | 216 | 196 | 205 |
| **6** | 136 | 134 | 135 | 158 | 156 | 157 | 170 | 169 | 170 | 197 | 158 | 172 |
| **7** | 136 | 134 | 135 | 159 | 154 | 156 | 169 | 167 | 168 | 185 | 155 | 170 |
| **8** | 137 | 135 | 136 | 168 | 157 | 161 | 169 | 164 | 167 | 167 | 140 | 151 |
| **9** | 138 | 136 | 137 | 169 | 160 | 165 | 168 | 160 | 165 | 155 | 136 | 147 |
| **10** | 139 | 138 | 139 | 169 | 160 | 165 | 166 | 163 | 164 | 159 | 136 | 148 |
| **11** | 139 | 138 | 138 | 170 | 162 | 166 | 167 | 163 | 165 | 155 | 148 | 151 |
| **12** | 142 | 138 | 140 | 164 | 158 | 161 | 166 | 161 | 165 | 158 | 149 | 153 |
| **13** | 143 | 138 | 141 | 162 | 160 | 161 | 168 | 163 | 165 | 159 | 152 | 155 |
| **14** | 143 | 140 | 142 | 183 | 162 | 169 | 168 | 166 | 167 | 153 | 146 | 151 |
| **15** | 145 | 139 | 142 | 266 | 167 | 203 | 167 | 167 | 167 | 155 | 145 | 150 |
| **16** | 145 | 143 | 144 | 245 | 196 | 216 | 168 | 167 | 168 | 153 | 149 | 150 |
| **17** | 147 | 142 | 144 | 206 | 163 | 192 | 169 | 168 | 168 | 154 | 149 | 151 |
| **18** | 145 | 142 | 143 | 165 | 143 | 153 | 170 | 165 | 168 | 158 | 153 | 156 |
| **19** | 145 | 142 | 143 | 152 | 136 | 142 | --- | --- | --- | 159 | 154 | 156 |
| **20** | 149 | 143 | 146 | 152 | 135 | 140 | --- | --- | --- | 160 | 157 | 159 |
| **21** | 149 | 146 | 148 | 152 | 139 | 146 | --- | --- | --- | 158 | 157 | 157 |
| **22** | 150 | 147 | 149 | 151 | 146 | 149 | --- | --- | --- | 159 | 158 | 159 |
| **23** | 152 | 147 | 149 | 149 | 146 | 148 | --- | --- | --- | 161 | 159 | 160 |
| **24** | 149 | 146 | 147 | 148 | 146 | 147 | 167 | 166 | 167 | 162 | 159 | 160 |
| **25** | 150 | 148 | 149 | 148 | 144 | 146 | 174 | 165 | 167 | 162 | 161 | 161 |
| **26** | 152 | 149 | 150 | 147 | 143 | 145 | 169 | 163 | 166 | 164 | 162 | 163 |
| **27** | 154 | 149 | 151 | 146 | 140 | 144 | 176 | 161 | 169 | 165 | 160 | 163 |
| **28** | 154 | 150 | 152 | 145 | 142 | 144 | 174 | 168 | 171 | 172 | 159 | 166 |
| **29** | --- | --- | --- | 144 | 133 | 141 | 180 | 170 | 174 | 200 | 159 | 184 |
| **30** | --- | --- | --- | 142 | 138 | 140 | 179 | 170 | 174 | 191 | 179 | 187 |
| **31** | --- | --- | --- | 157 | 138 | 144 | --- | --- | --- | 187 | 167 | 178 |
| **Month** | 154 | 130 | 142 | 266 | 133 | 157 | --- | --- | --- | 216 | 136 | 164 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 168 | 149 | 159 | 190 | 186 | 188 | 140 | 132 | 138 | 175 | 172 | 173 |
| **2** | 162 | 149 | 155 | 189 | 185 | 187 | 144 | 132 | 138 | 185 | 172 | 180 |
| **3** | 159 | 147 | 152 | 186 | 181 | 184 | 144 | 135 | 139 | 184 | 172 | 177 |
| **4** | 163 | 138 | 148 | 183 | 181 | 182 | 143 | 137 | 140 | 175 | 173 | 173 |
| **5** | 156 | 137 | 147 | 185 | 179 | 182 | 146 | 141 | 143 | 180 | 171 | 175 |
| **6** | 152 | 141 | 148 | 186 | 165 | 180 | 146 | 138 | 142 | 197 | 176 | 183 |
| **7** | 155 | 152 | 154 | 178 | 165 | 170 | 147 | 139 | 143 | 200 | 184 | 191 |
| **8** | 156 | 153 | 154 | 177 | 169 | 174 | 149 | 141 | 145 | 199 | 185 | 196 |
| **9** | 155 | 154 | 155 | 170 | 161 | 165 | 148 | 144 | 146 | 197 | 188 | 192 |
| **10** | 155 | 152 | 155 | 167 | 158 | 164 | 145 | 141 | 144 | 197 | 190 | 193 |
| **11** | 155 | 152 | 154 | 168 | 159 | 165 | 143 | 141 | 142 | 195 | 188 | 192 |
| **12** | 155 | 152 | 154 | 171 | 159 | 167 | 144 | 140 | 142 | 205 | 191 | 196 |
| **13** | 155 | 151 | 154 | 171 | 166 | 169 | 144 | 140 | 142 | 206 | 197 | 200 |
| **14** | 158 | 154 | 156 | 171 | 163 | 168 | 145 | 140 | 143 | 208 | 197 | 202 |
| **15** | 159 | 151 | 157 | 170 | 162 | 167 | 152 | 141 | 146 | 207 | 196 | 200 |
| **16** | 154 | 151 | 152 | 164 | 160 | 161 | 151 | 143 | 147 | 209 | 203 | 206 |
| **17** | 154 | 151 | 152 | 162 | 158 | 160 | 146 | 127 | 141 | 212 | 201 | 208 |
| **18** | 158 | 152 | 154 | 168 | 159 | 165 | 141 | 127 | 134 | 210 | 204 | 207 |
| **19** | 174 | 153 | 159 | 165 | 162 | 163 | 145 | 138 | 141 | 208 | 199 | 203 |
| **20** | 169 | 155 | 162 | 163 | 141 | 154 | 145 | 139 | 142 | 200 | 197 | 198 |
| **21** | 174 | 167 | 172 | 148 | 137 | 143 | 165 | 141 | 151 | 201 | 198 | 199 |
| **22** | 182 | 171 | 177 | 139 | 130 | 134 | 160 | 153 | 157 | 202 | 198 | 199 |
| **23** | 186 | 168 | 175 | 136 | 125 | 128 | 164 | 154 | 159 | 204 | 199 | 201 |
| **24** | 188 | 171 | 182 | 136 | 127 | 131 | 170 | 160 | 164 | 206 | 203 | 204 |
| **25** | 189 | 183 | 185 | 138 | 130 | 133 | 169 | 166 | 168 | 204 | 201 | 203 |
| **26** | 186 | 178 | 183 | 141 | 126 | 134 | 178 | 169 | 175 | 205 | 201 | 203 |
| **27** | 191 | 183 | 187 | 132 | 127 | 130 | 180 | 175 | 178 | 203 | 200 | 201 |
| **28** | 188 | 186 | 187 | 136 | 127 | 130 | 185 | 167 | 175 | 202 | 199 | 200 |
| **29** | 189 | 185 | 187 | 134 | 130 | 132 | 171 | 162 | 167 | 208 | 202 | 205 |
| **30** | 189 | 186 | 187 | 136 | 132 | 134 | 171 | 163 | 167 | 211 | 206 | 209 |
| **31** | --- | --- | --- | 142 | 132 | 138 | 173 | 162 | 168 | --- | --- | --- |
| **Month** | 191 | 137 | 163 | 190 | 125 | 157 | 185 | 127 | 151 | 212 | 171 | 196 |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 211 | 208 | 210 | 217 | 208 | 212 | 213 | 210 | 212 | 220 | 214 | 218 |
| **2** | 209 | 203 | 206 | 215 | 205 | 209 | 213 | 207 | 210 | 222 | 218 | 220 |
| **3** | 209 | 204 | 206 | 212 | 206 | 210 | 213 | 207 | 210 | 224 | 219 | 221 |
| **4** | 206 | 204 | 205 | 213 | 209 | 211 | 212 | 210 | 210 | 224 | 216 | 220 |
| **5** | 210 | 206 | 208 | 213 | 203 | 209 | 211 | 210 | 210 | 223 | 219 | 221 |
| **6** | 211 | 204 | 207 | 210 | 203 | 205 | 212 | 207 | 210 | 220 | 218 | 219 |
| **7** | 209 | 205 | 208 | 205 | 196 | 201 | 212 | 207 | 209 | 224 | 219 | 221 |
| **8** | 215 | 209 | 212 | 206 | 202 | 204 | 208 | 207 | 207 | 222 | 219 | 221 |
| **9** | 217 | 209 | 213 | 208 | 201 | 203 | 209 | 208 | 208 | 226 | 222 | 224 |
| **10** | 221 | 211 | 216 | 208 | 205 | 206 | 209 | 208 | 208 | 225 | 222 | 223 |
| **11** | 213 | 207 | 210 | 206 | 203 | 205 | 210 | 208 | 209 | 226 | 221 | 224 |
| **12** | 228 | 209 | 219 | 206 | 205 | 205 | 214 | 207 | 209 | 226 | 223 | 225 |
| **13** | 228 | 216 | 218 | 207 | 206 | 207 | 210 | 206 | 208 | 229 | 224 | 226 |
| **14** | 217 | 215 | 216 | 210 | 205 | 207 | 208 | 205 | 207 | 229 | 225 | 227 |
| **15** | 218 | 212 | 216 | 206 | 204 | 205 | 208 | 202 | 204 | 233 | 226 | 228 |
| **16** | 227 | 212 | 219 | 206 | 204 | 205 | 209 | 206 | 207 | 236 | 226 | 230 |
| **17** | 257 | 227 | 241 | 206 | 205 | 205 | 209 | 207 | 207 | 233 | 228 | 230 |
| **18** | 231 | 203 | 213 | 205 | 201 | 202 | 208 | 206 | 207 | 238 | 224 | 228 |
| **19** | --- | 205 | --- | 203 | 200 | 202 | 207 | 205 | 206 | 244 | 217 | 230 |
| **20** | 224 | 208 | 217 | 205 | 202 | 203 | 208 | 205 | 206 | 245 | 232 | 237 |
| **21** | 223 | 217 | 221 | 222 | 202 | 211 | 213 | 208 | 209 | 237 | 234 | 235 |
| **22** | 225 | 219 | 222 | 235 | 209 | 224 | 211 | 209 | 210 | 259 | 236 | 251 |
| **23** | 224 | 217 | 219 | 232 | 218 | 228 | 217 | 210 | 213 | 261 | 249 | 254 |
| **24** | 222 | 217 | 219 | 233 | 222 | 227 | 218 | 215 | 217 | 261 | 256 | 259 |
| **25** | 218 | 214 | 216 | 226 | 213 | 219 | 225 | 217 | 223 | 261 | 246 | 255 |
| **26** | 218 | 216 | 217 | 221 | 215 | 218 | 225 | 213 | 218 | 253 | 237 | 249 |
| **27** | 216 | 206 | 214 | 216 | 211 | 214 | 218 | 215 | 217 | 249 | 244 | 246 |
| **28** | 215 | 204 | 208 | 215 | 210 | 213 | 216 | 213 | 215 | 246 | 238 | 241 |
| **29** | 218 | 206 | 211 | 215 | 211 | 212 | 218 | 215 | 216 | 244 | 238 | 241 |
| **30** | 211 | 206 | 209 | 212 | 211 | 212 | 223 | 216 | 218 | 242 | 228 | 236 |
| **31** | 212 | 206 | 209 | --- | --- | --- | 221 | 214 | 217 | 241 | 229 | 237 |
| **Month** | --- | 203 | --- | 235 | 196 | 210 | 225 | 202 | 211 | 261 | 214 | 232 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 243 | 236 | 239 | 144 | 141 | 142 | 200 | 195 | 199 | 235 | 227 | 229 |
| **2** | 238 | 234 | 236 | 146 | 142 | 143 | 202 | 198 | 199 | 235 | 229 | 231 |
| **3** | 237 | 228 | 234 | 145 | 140 | 143 | 203 | 196 | 199 | 234 | 218 | 228 |
| **4** | 236 | 232 | 233 | 144 | 140 | 142 | 197 | 195 | 196 | 226 | 216 | 220 |
| **5** | 235 | 227 | 232 | 142 | 140 | 141 | 200 | 195 | 198 | 226 | 209 | 217 |
| **6** | 234 | 229 | 232 | 142 | 140 | 141 | 203 | 199 | 201 | 232 | 212 | 223 |
| **7** | --- | --- | --- | 142 | 139 | 141 | 203 | 202 | 203 | 275 | 226 | 240 |
| **8** | 226 | 225 | 226 | 143 | 140 | 142 | 202 | 197 | 200 | 254 | 231 | 244 |
| **9** | 225 | 221 | 223 | 143 | 141 | 142 | 201 | 197 | 199 | 250 | 246 | 249 |
| **10** | 224 | 214 | 220 | 143 | 142 | 142 | 207 | 198 | 202 | 246 | 236 | 242 |
| **11** | 223 | 219 | 220 | 145 | 143 | 143 | 206 | 200 | 203 | 241 | 225 | 236 |
| **12** | 225 | 220 | 223 | 154 | 144 | 145 | 209 | 202 | 205 | 238 | 228 | 232 |
| **13** | 224 | 218 | 221 | 178 | 154 | 168 | 211 | 204 | 207 | 235 | 227 | 232 |
| **14** | 224 | 219 | 221 | 192 | 163 | 175 | 207 | 205 | 206 | 236 | 232 | 234 |
| **15** | 225 | 219 | 222 | 184 | 166 | 176 | 218 | 207 | 212 | 236 | 227 | 232 |
| **16** | 222 | 217 | 220 | 191 | 179 | 184 | 215 | 209 | 212 | 229 | 223 | 226 |
| **17** | 224 | 213 | 217 | 191 | 176 | 185 | 213 | 209 | 211 | 225 | 219 | 223 |
| **18** | 228 | 217 | 223 | 185 | 178 | 181 | 212 | 210 | 211 | 227 | 210 | 218 |
| **19** | 232 | 220 | 227 | 190 | 179 | 184 | 215 | 211 | 213 | 217 | 201 | 209 |
| **20** | 217 | 189 | 195 | 195 | 183 | 186 | 224 | 213 | 217 | 224 | 202 | 213 |
| **21** | 202 | 142 | 163 | 189 | 183 | 186 | 222 | 216 | 218 | 227 | 215 | 219 |
| **22** | 145 | 140 | 141 | 188 | 184 | 186 | 229 | 218 | 223 | 223 | 219 | 221 |
| **23** | 150 | 140 | 143 | 192 | 185 | 189 | 224 | 218 | 220 | 223 | 219 | 221 |
| **24** | 156 | 140 | 151 | 189 | 183 | 186 | 220 | 217 | 218 | 225 | 221 | 222 |
| **25** | 154 | 149 | 153 | 188 | 186 | 187 | 229 | 217 | 222 | 223 | 219 | 221 |
| **26** | 150 | 131 | 144 | 195 | 188 | 189 | 226 | 220 | 224 | 225 | 220 | 222 |
| **27** | 146 | 134 | 143 | 194 | 189 | 193 | 232 | 226 | 228 | 224 | 219 | 222 |
| **28** | 146 | 142 | 144 | 198 | 191 | 195 | 236 | 229 | 234 | 230 | 219 | 224 |
| **29** | 144 | 135 | 141 | 198 | 194 | 196 | 234 | 231 | 233 | 231 | 223 | 227 |
| **30** | --- | --- | --- | 198 | 196 | 197 | 231 | 229 | 231 | 229 | 221 | 225 |
| **31** | --- | --- | --- | 198 | 195 | 197 | --- | --- | --- | 227 | 222 | 224 |
| **Month** | --- | --- | --- | 198 | 139 | 169 | 236 | 195 | 211 | 275 | 201 | 227 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 228 | 223 | 225 | 242 | 235 | 239 | 278 | 272 | 276 | 288 | 273 | 281 |
| **2** | 230 | 226 | 228 | 244 | 238 | 241 | 278 | 273 | 276 | 283 | 277 | 280 |
| **3** | 232 | 228 | 230 | 246 | 237 | 241 | --- | --- | --- | 284 | 277 | 281 |
| **4** | 231 | 221 | 226 | 244 | 238 | 241 | --- | --- | --- | 286 | 281 | 284 |
| **5** | 222 | 221 | 221 | 248 | 237 | 241 | --- | --- | --- | 284 | 276 | 280 |
| **6** | 222 | 220 | 221 | 305 | 237 | 247 | --- | --- | --- | 276 | 266 | 272 |
| **7** | 222 | 220 | 221 | 244 | 237 | 241 | --- | --- | --- | 272 | 265 | 267 |
| **8** | 223 | 221 | 222 | 247 | 239 | 243 | --- | --- | --- | 279 | 263 | 271 |
| **9** | 225 | 223 | 224 | 249 | 244 | 246 | --- | --- | --- | --- | --- | --- |
| **10** | 225 | 223 | 224 | 255 | 245 | 249 | --- | --- | --- | --- | --- | --- |
| **11** | 226 | 224 | 224 | 331 | 246 | 267 | --- | --- | --- | --- | --- | --- |
| **12** | 225 | 223 | 224 | 257 | 249 | 254 | --- | --- | --- | --- | --- | --- |
| **13** | 226 | 223 | 224 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 226 | 224 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 229 | 224 | 227 | --- | --- | --- | 289 | 284 | 286 | --- | --- | --- |
| **16** | 234 | 227 | 229 | 271 | 263 | 267 | 290 | 285 | 287 | --- | --- | --- |
| **17** | 237 | 228 | 232 | 276 | 264 | 270 | 292 | 286 | 288 | 81 | 76 | 78 |
| **18** | 232 | 230 | 231 | 277 | 265 | 271 | 295 | 286 | 291 | 78 | 65 | 73 |
| **19** | 233 | 229 | 231 | 280 | 265 | 271 | 289 | 286 | 286 | 71 | 61 | 64 |
| **20** | 240 | 231 | 234 | 276 | 268 | 272 | --- | --- | --- | 71 | 64 | 67 |
| **21** | 239 | 231 | 234 | 279 | 269 | 275 | 287 | 283 | 284 | 72 | 65 | 69 |
| **22** | 238 | 232 | 234 | 279 | 262 | 270 | 291 | 285 | 289 | 85 | 68 | 74 |
| **23** | 241 | 233 | 236 | 273 | 263 | 270 | 292 | 288 | 290 | 90 | 69 | 78 |
| **24** | 238 | 232 | 235 | 273 | 258 | 265 | 292 | 288 | 290 | 96 | 71 | 84 |
| **25** | 235 | 231 | 233 | 265 | 259 | 263 | 292 | 286 | 289 | 132 | 85 | 113 |
| **26** | 235 | 232 | 234 | 266 | 260 | 263 | --- | --- | --- | 127 | 91 | 111 |
| **27** | --- | --- | --- | 267 | 260 | 264 | --- | --- | --- | 122 | 94 | 111 |
| **28** | --- | --- | --- | 397 | 260 | 299 | 289 | 275 | 284 | 121 | 99 | 106 |
| **29** | 239 | 235 | 237 | 270 | 262 | 266 | 282 | 270 | 277 | 120 | 100 | 109 |
| **30** | 244 | 239 | 240 | 273 | 268 | 270 | 279 | 270 | 273 | 119 | 104 | 111 |
| **31** | --- | --- | --- | 276 | 268 | 274 | 288 | 268 | 275 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 8.7 | 8.0 | 6.8 | 6.6 | 7.2 | 7.1 | 7.6 | 7.5 | 7.3 | 7.2 | 7.3 | 7.2 |
| **2** | 8.8 | 8.1 | 6.9 | 6.8 | 7.9 | 7.3 | 7.7 | 7.5 | 7.3 | 7.2 | 7.3 | 7.2 |
| **3** | 8.7 | 8.2 | 7.0 | 6.9 | 7.3 | 7.0 | 7.7 | 7.7 | 7.2 | 7.1 | 7.3 | 7.2 |
| **4** | 8.7 | 8.0 | 6.9 | 6.8 | 7.2 | 7.0 | 7.7 | 7.6 | 7.2 | 7.1 | 7.3 | 7.3 |
| **5** | 8.2 | 7.9 | 6.9 | 6.9 | 7.1 | 7.0 | 7.6 | 7.5 | 7.1 | 7.0 | 7.3 | 7.2 |
| **6** | 9.1 | 7.6 | 6.9 | 6.9 | 7.1 | 7.1 | 7.6 | 7.5 | 7.2 | 7.0 | 7.3 | 7.2 |
| **7** | --- | --- | 6.9 | 6.9 | 7.3 | 7.1 | 7.6 | 7.5 | 7.1 | 7.0 | 7.3 | 7.2 |
| **8** | --- | --- | 6.9 | 6.8 | 7.4 | 7.2 | 7.5 | 7.4 | 7.1 | 7.0 | 7.3 | 7.2 |
| **9** | --- | --- | 6.9 | 6.8 | 7.3 | 7.1 | 7.5 | 7.4 | 7.2 | 7.0 | 7.2 | 7.2 |
| **10** | --- | --- | 7.0 | 6.8 | 7.1 | 7.1 | 7.4 | 7.3 | 7.1 | 7.1 | 7.2 | 7.0 |
| **11** | --- | --- | 7.1 | 7.0 | 7.1 | 7.0 | 7.4 | 7.3 | 7.2 | 7.1 | 7.3 | 7.1 |
| **12** | --- | --- | 7.1 | 7.1 | 7.3 | 7.0 | 7.4 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 |
| **13** | 8.5 | 8.0 | 7.2 | 7.0 | 7.3 | 7.2 | 7.4 | 7.3 | 7.2 | 7.1 | 7.3 | 7.1 |
| **14** | 8.8 | 8.1 | 7.1 | 7.0 | 7.3 | 7.2 | 7.4 | 7.3 | 7.3 | 7.2 | 7.3 | 7.1 |
| **15** | 8.9 | 8.3 | 7.2 | 7.0 | 7.3 | 7.2 | 7.4 | 7.3 | 7.3 | 7.2 | 8.5 | 7.2 |
| **16** | 8.3 | 7.9 | 7.4 | 6.8 | 7.4 | 7.2 | 7.5 | 7.4 | 7.3 | 7.3 | 7.7 | 7.3 |
| **17** | 8.0 | 7.0 | 7.1 | 7.0 | 7.4 | 7.2 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.0 |
| **18** | 7.2 | 6.8 | 7.2 | 7.0 | 7.4 | 7.2 | 7.4 | 7.2 | 7.4 | 7.3 | 7.1 | 7.0 |
| **19** | 6.9 | 6.7 | 7.2 | 7.1 | 7.4 | 7.2 | 7.2 | 7.2 | 7.4 | 7.2 | 7.1 | 7.0 |
| **20** | 6.9 | 6.8 | 7.2 | 7.0 | 7.5 | 7.3 | 7.3 | 7.2 | 7.4 | 7.3 | 7.1 | 7.0 |
| **21** | 6.8 | 6.7 | 7.0 | 7.0 | 7.5 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | 7.2 | 7.0 |
| **22** | 6.8 | 6.6 | 7.1 | 6.9 | 7.5 | 7.3 | 7.4 | 7.2 | 7.3 | 7.1 | 7.2 | 7.0 |
| **23** | 6.8 | 6.7 | 7.0 | 6.9 | 7.5 | 7.3 | 7.4 | 7.1 | 7.4 | 7.3 | 7.2 | 7.0 |
| **24** | 6.8 | 6.8 | 7.0 | 6.9 | 7.5 | 7.4 | 7.4 | 7.1 | 7.4 | 7.2 | 7.2 | 7.1 |
| **25** | 6.8 | 6.8 | 7.0 | 6.9 | 7.5 | 7.4 | 7.4 | 7.1 | 7.3 | 7.2 | 7.2 | 7.1 |
| **26** | 6.8 | 6.7 | 7.0 | 6.9 | 7.6 | 7.4 | 7.4 | 7.3 | 7.3 | 7.1 | 7.2 | 7.0 |
| **27** | 6.9 | 6.7 | 7.0 | 6.9 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.1 | 7.2 | 7.1 |
| **28** | 7.1 | 6.9 | 7.0 | 6.8 | 7.5 | 7.4 | 7.3 | 7.2 | 7.4 | 7.2 | 7.2 | 7.1 |
| **29** | 6.9 | 6.6 | 7.0 | 6.9 | 7.6 | 7.5 | 7.3 | 7.3 | --- | --- | 7.2 | 7.1 |
| **30** | 6.8 | 6.6 | 7.1 | 7.0 | 7.6 | 7.4 | 7.3 | 7.3 | --- | --- | 7.2 | 7.1 |
| **31** | 6.6 | 6.6 | --- | --- | 7.5 | 7.5 | 7.3 | 7.2 | --- | --- | 7.3 | 7.2 |
| **Month** | --- | --- | 7.4 | 6.6 | 7.9 | 7.0 | 7.7 | 7.1 | 7.4 | 7.0 | 8.5 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.4 | 7.3 | 7.4 | 6.9 | 8.8 | 8.7 | 7.6 | 7.1 | 7.9 | 7.0 | 8.4 | 7.6 |
| **2** | 7.5 | 7.3 | 7.4 | 7.0 | 8.8 | 8.6 | 7.4 | 7.1 | 7.5 | 7.0 | 8.5 | 7.6 |
| **3** | 7.6 | 6.9 | 7.4 | 7.2 | 8.8 | 8.6 | 7.7 | 7.3 | 7.9 | 6.7 | 8.3 | 7.5 |
| **4** | 7.2 | 6.8 | 7.4 | 7.2 | 8.8 | 6.8 | 7.8 | 7.6 | 7.4 | 7.1 | 7.8 | 7.4 |
| **5** | 7.4 | 6.9 | 7.4 | 7.3 | 7.5 | 6.7 | 7.8 | 7.5 | 7.3 | 7.1 | 7.7 | 7.4 |
| **6** | 7.4 | 6.9 | 7.3 | 7.1 | 7.0 | 6.8 | 7.6 | 7.4 | 7.7 | 7.2 | 7.8 | 7.4 |
| **7** | 7.4 | 7.3 | 7.2 | 7.1 | 7.3 | 7.0 | 7.5 | 7.4 | 7.5 | 6.9 | 7.8 | 7.4 |
| **8** | 7.5 | 7.4 | 7.2 | 6.8 | 7.3 | 7.0 | 7.7 | 7.4 | 7.5 | 6.9 | 8.8 | 7.3 |
| **9** | 7.4 | 7.3 | 7.1 | 6.6 | 7.2 | 7.0 | 7.8 | 7.5 | 7.4 | 6.9 | 8.6 | 7.2 |
| **10** | 7.4 | 7.2 | 7.0 | 6.7 | 7.1 | 6.8 | 7.8 | 7.5 | 7.2 | 6.0 | 7.6 | 7.2 |
| **11** | 7.3 | 7.1 | 7.1 | 6.8 | 7.0 | 6.8 | 7.8 | 7.6 | 6.9 | 6.5 | 8.8 | 7.2 |
| **12** | 7.4 | 7.0 | 7.0 | 6.4 | 6.9 | 6.8 | 7.8 | 7.5 | 7.6 | 6.8 | 8.5 | 7.6 |
| **13** | 7.4 | 7.3 | 6.9 | 6.3 | 7.0 | 6.8 | 7.7 | 6.7 | 7.2 | 6.9 | 8.0 | 7.6 |
| **14** | 7.4 | 7.3 | 6.8 | 6.4 | 7.0 | 6.8 | 7.4 | 6.6 | 7.3 | 7.1 | 8.1 | 7.4 |
| **15** | 7.4 | 7.3 | 6.8 | 6.3 | 7.5 | 6.8 | 7.3 | 6.8 | 7.7 | 7.2 | 9.0 | 7.7 |
| **16** | 7.4 | 7.2 | 7.2 | 6.7 | 7.6 | 7.1 | 7.4 | 7.1 | 7.7 | 7.6 | 8.9 | 8.2 |
| **17** | 7.4 | 7.3 | 7.4 | 7.1 | 7.5 | 7.4 | 7.4 | 7.0 | 7.8 | 7.5 | 8.8 | 8.3 |
| **18** | 7.4 | 7.4 | 7.5 | 7.3 | 7.4 | 7.2 | 7.2 | 6.9 | 7.8 | 7.6 | 8.4 | 7.6 |
| **19** | --- | --- | 7.7 | 7.5 | 7.4 | 7.0 | 7.6 | 7.1 | 8.0 | 7.8 | 8.5 | 7.6 |
| **20** | --- | --- | 7.8 | 7.4 | 7.7 | 7.1 | 7.4 | 6.9 | 8.2 | 8.0 | 9.0 | 7.6 |
| **21** | --- | --- | 7.8 | 7.6 | 7.8 | 7.2 | 7.2 | 6.9 | 8.4 | 7.2 | 7.9 | 7.5 |
| **22** | --- | --- | 7.9 | 7.6 | 7.5 | 7.1 | 7.2 | 6.7 | 8.1 | 7.4 | 7.8 | 7.5 |
| **23** | --- | --- | 8.0 | 7.8 | 7.2 | 6.9 | 7.3 | 6.8 | 8.0 | 7.3 | 7.8 | 7.6 |
| **24** | 7.4 | 7.3 | 8.0 | 7.9 | 7.2 | 6.9 | 7.1 | 6.7 | 7.6 | 7.2 | 8.2 | 7.4 |
| **25** | 7.4 | 7.2 | 8.2 | 8.0 | 7.2 | 6.9 | 7.3 | 6.8 | 7.6 | 7.3 | 8.6 | 7.3 |
| **26** | 7.4 | 7.2 | 8.2 | 8.1 | 7.3 | 6.9 | 7.4 | 6.8 | 7.4 | 7.2 | 8.8 | 7.4 |
| **27** | 7.4 | 7.1 | 8.3 | 8.1 | 7.5 | 7.1 | 7.6 | 6.9 | 8.0 | 7.3 | 8.3 | 7.3 |
| **28** | 7.4 | 6.9 | 8.4 | 8.2 | 7.8 | 7.2 | 7.6 | 7.0 | 8.1 | 7.1 | 8.5 | 7.4 |
| **29** | 7.4 | 6.9 | 8.7 | 8.3 | 7.8 | 7.3 | 7.2 | 7.0 | 7.8 | 7.0 | 8.5 | 7.8 |
| **30** | 7.1 | 6.8 | 8.7 | 8.5 | 7.9 | 7.3 | 7.2 | 6.8 | 7.6 | 7.1 | 8.5 | 7.5 |
| **31** | --- | --- | 8.8 | 8.6 | --- | --- | 7.3 | 6.7 | 8.4 | 7.1 | --- | --- |
| **Month** | --- | --- | 8.8 | 6.3 | 8.8 | 6.7 | 7.8 | 6.6 | 8.4 | 6.0 | 9.0 | 7.2 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [e, estimated] | | | | | | | | | | | | |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | --- | 7.4 | 8.2 | 7.8 | 7.7 | 7.4 | 8.0 | 7.8 | 7.7 | 7.6 | 7.3 | 7.2 |
| **2** | 8.0 | 7.4 | 8.4 | 7.7 | 7.6 | 7.3 | 8.0 | 7.9 | 7.7 | 7.6 | 7.3 | 7.2 |
| **3** | 7.8 | 7.4 | 7.9 | 7.5 | 7.6 | 7.5 | 8.1 | 7.9 | 7.7 | 7.4 | 7.4 | 7.3 |
| **4** | 8.4 | 7.4 | 7.7 | 7.4 | 7.6 | 7.4 | 8.1 | 7.9 | 7.5 | 7.5 | 7.4 | 7.3 |
| **5** | 8.5 | 7.6 | 8.0 | 7.4 | 7.5 | 7.3 | 8.0 | 7.8 | 7.5 | 7.4 | 7.4 | 7.3 |
| **6** | 8.3 | 7.6 | 8.9 | 7.5 | 7.5 | 7.4 | 7.9 | 7.8 | 7.5 | 7.4 | 7.4 | 7.3 |
| **7** | 8.6 | 7.6 | 8.9 | 8.5 | 7.6 | 7.0 | 7.9 | 7.8 | 7.7 | 7.4 | 7.4 | 7.4 |
| **8** | 8.4 | 7.9 | 8.5 | 8.1 | 7.8 | 7.5 | 7.8 | 7.7 | 7.7 | 7.6 | 7.4 | 7.4 |
| **9** | 8.7 | 7.9 | 8.6 | 7.7 | 7.8 | 7.6 | 7.8 | 7.7 | 7.7 | 7.5 | 7.5 | 7.4 |
| **10** | 8.7 | 8.1 | 8.3 | 7.6 | 7.9 | 7.6 | 7.8 | 7.7 | 7.7 | 7.5 | 7.4 | 7.4 |
| **11** | 8.5 | 7.8 | 8.4 | 7.7 | 7.9 | 7.7 | 7.8 | 7.6 | 7.9 | 7.4 | 7.4 | 7.4 |
| **12** | 8.8 | 7.8 | 8.2 | 7.9 | 7.8 | 7.1 | 7.8 | 7.7 | 7.9 | 7.5 | 7.4 | 7.3 |
| **13** | 8.7 | 8.1 | 8.0 | 7.6 | 7.8 | 7.7 | 7.9 | 7.8 | 7.7 | 7.5 | 7.4 | 7.4 |
| **14** | 8.6 | 8.1 | 7.6 | 7.3 | 7.8 | 7.7 | 8.1 | 7.9 | 7.7 | 7.5 | 7.4 | 7.3 |
| **15** | 8.4 | 8.0 | 8.2 | 7.6 | 7.8 | 7.6 | 8.0 | 7.7 | 7.7 | 7.5 | 7.5 | 7.4 |
| **16** | 8.3 | 7.9 | 8.5 | 7.9 | 7.9 | 7.8 | 8.1 | 7.9 | 7.7 | 7.6 | 7.6 | 7.3 |
| **17** | 8.5 | 7.8 | 8.4 | 7.9 | 8.0 | 7.8 | 8.1 | 7.9 | 7.6 | 7.5 | 7.6 | 7.6 |
| **18** | 7.9 | 7.6 | 8.3 | 8.0 | 8.1 | 7.7 | 8.0 | 7.8 | 7.6 | 7.6 | 7.7 | 7.6 |
| **19** | 8.9 | 7.5 | 8.3 | 7.9 | 7.8 | 7.6 | 8.0 | 7.8 | 7.6 | 7.4 | 7.7 | 7.6 |
| **20** | 8.8 | 7.5 | 8.5 | 7.7 | 7.7 | 7.6 | 8.0 | 7.9 | 7.4 | 7.2 | 8.0 | 7.6 |
| **21** | 8.8 | 8.5 | 8.5 | 7.6 | 7.9 | 7.6 | 8.2 | 7.9 | 7.4 | 7.0 | 7.7 | 7.5 |
| **22** | 8.6 | 8.1 | 7.9 | 7.8 | 7.9 | 7.8 | 8.3 | 8.0 | 7.0 | 6.9 | 7.7 | 7.5 |
| **23** | 8.3 | 7.9 | 7.9 | 7.8 | 8.2 | 7.9 | 8.1 | 8.0 | 7.0 | 6.9 | 8.0 | 7.6 |
| **24** | 8.3 | 7.9 | 7.9 | 7.7 | 8.4 | 7.9 | 8.1 | 8.0 | 7.0 | 7.0 | 7.9 | 7.6 |
| **25** | 8.5 | 8.0 | 7.7 | 7.7 | 8.5 | 8.0 | 8.0 | 7.8 | 7.0 | 7.0 | 7.8 | 7.6 |
| **26** | 9.0 | 8.2 | 7.7 | 7.6 | 8.4 | 7.9 | 7.8 | 7.7 | 7.1 | 6.9 | 7.8 | 7.6 |
| **27** | 8.9 | 8.6 | 7.7 | 7.6 | 8.0 | 7.9 | 7.9 | 7.6 | 7.3 | 7.0 | 7.8 | 7.6 |
| **28** | 8.8 | 8.4 | 7.7 | 7.5 | 8.0 | 7.8 | 7.8 | 7.6 | 7.3 | 7.2 | 7.8 | 7.6 |
| **29** | 8.8 | 8.2 | 7.7 | 7.5 | 8.0 | 7.8 | 7.8 | 7.6 | 7.3 | 7.2 | 8.0 | 7.6 |
| **30** | 8.7 | 8.3 | 7.6 | 7.4 | 8.0 | 7.8 | 7.7 | 7.5 | --- | --- | 7.9 | 7.7 |
| **31** | 8.2 | 7.9 | --- | --- | 7.9 | 7.8 | 7.8 | 7.6 | --- | --- | 7.8 | 7.6 |
| **Month** | --- | 7.4 | 8.9 | 7.3 | 8.5 | 7.0 | 8.3 | 7.5 | 7.9 | 6.9 | 8.0 | 7.2 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 8.3 | 7.4 | 8.8 | 8.3 | 8.7 | 7.4 | 7.8 | 7.3 | 9.0 | 8.2 | 8.9 | 7.9 |
| **2** | 7.7 | 7.4 | 8.4 | 8.0 | 8.8 | 7.4 | 7.6 | 7.3 | 9.1 | 8.3 | 8.2 | 8.1 |
| **3** | 7.7 | 7.4 | 8.6 | 8.2 | 8.6 | 7.6 | 8.0 | 7.4 | --- | --- | 8.5 | 8.1 |
| **4** | 7.6 | 7.4 | 8.6 | 8.3 | 8.3 | 7.8 | 8.1 | 7.5 | --- | --- | 8.9 | 8.4 |
| **5** | 7.6 | 7.5 | 8.6 | 8.1 | 8.1 | 7.7 | 7.9 | 7.5 | --- | --- | 9.3 | 8.3 |
| **6** | 8.3 | 7.4 | 8.1 | 7.9 | 8.2 | 7.7 | 8.2 | 7.6 | --- | --- | 9.1 | 8.5 |
| **7** | 7.5 | 7.3 | 8.1 | 7.8 | 8.4 | 7.8 | 9.3 | 7.7 | --- | --- | 8.9 | 8.5 |
| **8** | 7.7 | 7.3 | 8.0 | 7.4 | 8.6 | 8.1 | 9.3 | 7.8 | --- | --- | --- | --- |
| **9** | 7.7 | 7.4 | 7.6 | 7.4 | 8.7 | 8.3 | 8.9 | 7.6 | --- | --- | --- | --- |
| **10** | 7.6 | 7.4 | 7.8 | 7.5 | 8.6 | 8.0 | 8.3 | 7.3 | --- | --- | --- | --- |
| **11** | 7.6 | 7.4 | 8.1 | 7.5 | 8.5 | 8.0 | 8.0 | 7.0 | --- | --- | --- | --- |
| **12** | 7.6 | 7.5 | 8.3 | 7.9 | 8.5 | 7.8 | 8.3 | 7.0 | --- | --- | --- | --- |
| **13** | 7.7 | 7.6 | 8.1 | 7.7 | 8.5 | 7.8 | --- | --- | --- | --- | --- | --- |
| **14** | 7.9 | 7.6 | 7.8 | 7.6 | 8.6 | 7.6 | --- | --- | --- | --- | --- | --- |
| **15** | 8.4 | 7.7 | 7.7 | 7.4 | 8.7 | 7.4 | --- | --- | 9.4 | 7.6 | --- | --- |
| **16** | 8.4 | 8.1 | 8.7 | 7.5 | 8.8 | 7.3 | 7.9 | 7.5 | 8.8 | 7.5 | --- | --- |
| **17** | 8.3 | 8.0 | 8.8 | 8.4 | 8.6 | 7.1 | 8.8 | 7.6 | 8.6 | 7.5 | 6.6 | 6.6 |
| **18** | 8.2 | 8.0 | 8.9 | 8.2 | 8.8 | 7.1 | 8.8 | 7.7 | 8.6 | 7.6 | 6.6 | 6.5 |
| **19** | 8.1 | 7.8 | 8.3 | 7.8 | 8.2 | 7.1 | 8.7 | 7.8 | --- | --- | 6.5 | 6.4 |
| **20** | 8.4 | 7.8 | 8.2 | 7.4 | 8.2 | 7.1 | 8.7 | 7.8 | --- | --- | 6.6 | 6.5 |
| **21** | 8.4 | 7.9 | 8.5 | 7.3 | 9.0 | 7.1 | 8.9 | 7.7 | 8.4 | 7.9 | 6.6 | 6.4 |
| **22** | 8.4 | 7.8 | 8.7 | 8.1 | 9.1 | 7.1 | 8.9 | 7.9 | 8.2 | 7.9 | 6.6 | 6.4 |
| **23** | 8.8 | 7.8 | 8.8 | 8.3 | 8.2 | 7.1 | e8.9 | 8.6 | 9.4 | 7.9 | 6.8 | 6.4 |
| **24** | 8.6 | 7.7 | 8.7 | 7.8 | 8.3 | 7.2 | 8.8 | 8.0 | 9.4 | 8.0 | 6.9 | 6.4 |
| **25** | 8.4 | 7.9 | 8.9 | 8.0 | 8.1 | 7.7 | 8.1 | 7.7 | 8.4 | 7.1 | 7.3 | 6.6 |
| **26** | 8.3 | 7.7 | 8.9 | 7.9 | 8.1 | 7.5 | 8.6 | 7.0 | --- | --- | 7.2 | 6.8 |
| **27** | 8.4 | 7.9 | 8.8 | 7.8 | --- | --- | 9.2 | 7.4 | --- | --- | 7.2 | 6.8 |
| **28** | 8.6 | 8.0 | 8.6 | 7.7 | --- | --- | 8.9 | 6.7 | 7.8 | 7.6 | 7.1 | 6.8 |
| **29** | 8.8 | 8.2 | 8.3 | 7.5 | 8.2 | 7.6 | 6.9 | 6.8 | 9.1 | 7.7 | 6.9 | 6.8 |
| **30** | 8.9 | 8.6 | 8.2 | 7.3 | 8.1 | 7.6 | 7.0 | 6.7 | 9.1 | 7.8 | 6.9 | 6.6 |
| **31** | --- | --- | 8.6 | 7.4 | --- | --- | 8.2 | 6.8 | 8.9 | 7.8 | --- | --- |
| **Month** | 8.9 | 7.3 | 8.9 | 7.3 | --- | --- | --- | --- | --- | --- | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 7.8 | 4.0 | 5.7 | 6.3 | 5.4 | 5.8 | --- | --- | --- | 9.9 | 9.4 | 9.7 |
| **2** | 7.8 | 3.7 | 5.3 | 7.4 | 6.1 | 6.8 | --- | --- | --- | 10.4 | 9.4 | 9.8 |
| **3** | 7.5 | 4.5 | 5.8 | 7.9 | 7.1 | 7.6 | --- | --- | --- | 10.0 | 9.2 | 9.6 |
| **4** | 6.4 | 2.1 | 4.0 | 7.4 | 7.0 | 7.2 | --- | --- | --- | 9.4 | 8.7 | 9.0 |
| **5** | 3.2 | 1.9 | 2.5 | 7.3 | 6.8 | 7.2 | --- | --- | --- | 9.8 | 9.1 | 9.3 |
| **6** | 8.7 | 2.5 | 5.1 | 7.1 | 6.8 | 7.0 | --- | --- | --- | 9.9 | 9.0 | 9.4 |
| **7** | --- | --- | --- | 7.2 | 6.4 | 6.9 | --- | --- | --- | 9.3 | 8.8 | 9.1 |
| **8** | --- | --- | --- | 6.6 | 5.5 | 6.1 | --- | --- | --- | 8.9 | 8.4 | 8.7 |
| **9** | --- | --- | --- | 6.6 | 6.0 | 6.3 | --- | --- | --- | 9.0 | 8.2 | 8.6 |
| **10** | --- | --- | --- | 6.6 | 6.0 | 6.4 | --- | --- | --- | 9.0 | 8.3 | 8.6 |
| **11** | --- | --- | --- | 7.6 | 6.6 | 7.2 | --- | --- | --- | 9.1 | 8.6 | 8.8 |
| **12** | --- | --- | --- | 7.7 | 7.4 | 7.5 | --- | --- | --- | 9.1 | 8.8 | 8.9 |
| **13** | 8.0 | 5.7 | 6.8 | 7.9 | 7.0 | 7.5 | 9.7 | 9.0 | 9.3 | 9.2 | 8.9 | 9.1 |
| **14** | 9.5 | 6.7 | 7.7 | 7.2 | 6.0 | 6.6 | 9.3 | 8.9 | 9.1 | 9.2 | 8.8 | 8.9 |
| **15** | 9.2 | 7.2 | 8.0 | 8.1 | 6.2 | 7.3 | 9.1 | 8.6 | 8.9 | 9.0 | 8.6 | 8.8 |
| **16** | 8.0 | 6.7 | 7.3 | 8.2 | 7.6 | 7.9 | 9.4 | 8.6 | 8.8 | 9.5 | 8.8 | 9.2 |
| **17** | 7.0 | 4.3 | 6.0 | 7.6 | 5.9 | 6.5 | 9.0 | 8.2 | 8.5 | 9.3 | 9.0 | 9.2 |
| **18** | 5.0 | 3.4 | 4.2 | 6.3 | 5.0 | 5.7 | 9.0 | 7.7 | 8.2 | 9.7 | 9.1 | 9.5 |
| **19** | 5.1 | 4.2 | 4.6 | 5.8 | 5.0 | 5.5 | --- | --- | --- | 10.0 | 9.6 | 9.9 |
| **20** | 5.1 | 4.3 | 4.6 | 6.7 | 5.8 | 6.4 | --- | --- | --- | 10.5 | 9.7 | 10.2 |
| **21** | 5.0 | 4.4 | 4.8 | 8.3 | 6.6 | 7.8 | --- | --- | --- | 10.7 | 10.0 | 10.4 |
| **22** | 5.6 | 4.5 | 5.0 | 9.1 | 8.1 | 8.7 | --- | --- | --- | 10.8 | 10.3 | 10.5 |
| **23** | 6.0 | 5.1 | 5.6 | 10.6 | 8.9 | 9.8 | --- | --- | --- | 10.7 | 9.0 | 10.2 |
| **24** | 5.7 | 5.2 | 5.4 | 9.8 | 8.6 | 9.3 | --- | --- | --- | 10.6 | 8.2 | 9.6 |
| **25** | 6.0 | 5.4 | 5.7 | 9.9 | 9.2 | 9.6 | --- | --- | --- | 11.5 | 8.9 | 10.4 |
| **26** | 6.1 | 5.0 | 5.5 | 10.3 | 9.5 | 9.7 | --- | --- | --- | 11.4 | 11.0 | 11.2 |
| **27** | 6.3 | 5.1 | 5.9 | --- | --- | --- | 10.4 | 10.1 | 10.3 | 11.3 | 10.9 | 11.1 |
| **28** | 6.6 | 5.8 | 6.2 | --- | --- | --- | 10.5 | 10.1 | 10.3 | 11.1 | 10.9 | 11.0 |
| **29** | 6.3 | 5.5 | 5.8 | --- | --- | --- | 10.6 | 10.3 | 10.4 | 11.1 | 10.8 | 10.9 |
| **30** | 6.2 | 5.6 | 5.8 | --- | --- | --- | 10.4 | 9.9 | 10.2 | 11.1 | 10.9 | 11.0 |
| **31** | 5.9 | 5.4 | 5.7 | --- | --- | --- | 10.0 | 9.7 | 9.9 | 11.0 | 10.8 | 10.8 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.5 | 8.2 | 9.7 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.9 | 10.8 | 10.8 | 9.8 | 9.2 | 9.6 | 5.8 | 4.7 | 5.3 | 7.3 | 4.7 | 6.0 |
| **2** | 10.8 | 10.6 | 10.7 | 9.6 | 9.1 | 9.4 | 5.8 | 4.4 | 5.1 | 6.9 | 5.7 | 6.3 |
| **3** | 10.9 | 10.6 | 10.8 | 9.8 | 9.3 | 9.6 | 6.1 | 3.9 | 4.7 | 7.0 | 5.8 | 6.7 |
| **4** | 11.4 | 10.7 | 10.9 | 9.9 | 9.3 | 9.6 | 5.1 | 3.4 | 4.1 | 6.9 | 6.0 | 6.6 |
| **5** | 11.2 | 10.8 | 10.9 | 9.7 | 9.5 | 9.6 | --- | --- | --- | 7.0 | 5.9 | 6.6 |
| **6** | 11.2 | 10.7 | 10.9 | 9.6 | 9.1 | 9.4 | 6.4 | 5.6 | 6.1 | 6.7 | 6.1 | 6.4 |
| **7** | 11.0 | 10.4 | 10.7 | 9.5 | 8.7 | 9.0 | 6.7 | 6.0 | 6.3 | 6.6 | 5.2 | 6.0 |
| **8** | 10.9 | 10.4 | 10.6 | 8.9 | 8.5 | 8.8 | 7.0 | 5.8 | 6.5 | 6.0 | 5.0 | 5.6 |
| **9** | 11.0 | 10.5 | 10.8 | 8.9 | 8.5 | 8.7 | 7.1 | 5.9 | 6.6 | 5.8 | 4.5 | 5.1 |
| **10** | 11.1 | 10.7 | 10.9 | 9.2 | 8.3 | 8.7 | 7.1 | 5.3 | 6.4 | 5.9 | 3.7 | 4.4 |
| **11** | 11.0 | 10.7 | 10.9 | 9.2 | 8.5 | 8.8 | 7.1 | 5.3 | 6.1 | 7.0 | 4.6 | 6.0 |
| **12** | 11.4 | 10.8 | 11.0 | 9.4 | 8.9 | 9.2 | 7.3 | 5.1 | 6.4 | 5.6 | 3.8 | 4.6 |
| **13** | 11.2 | 10.9 | 11.0 | 9.2 | 8.4 | 9.0 | 7.3 | 5.7 | 6.8 | 4.4 | 3.6 | 3.9 |
| **14** | 11.2 | 10.8 | 11.0 | 9.5 | 8.4 | 8.9 | 7.2 | 5.2 | 6.4 | 3.9 | 2.1 | 3.3 |
| **15** | 11.3 | 10.9 | 11.2 | 9.6 | 8.4 | 8.8 | 7.2 | 5.3 | 6.2 | 3.5 | 1.3 | 2.5 |
| **16** | 11.4 | 11.2 | 11.3 | 8.8 | 8.1 | 8.5 | 7.1 | 5.2 | 6.1 | 5.5 | 1.1 | 3.1 |
| **17** | 11.6 | 11.0 | 11.3 | 8.4 | 7.7 | 8.1 | 7.3 | 5.7 | 6.6 | 7.3 | 4.0 | 5.1 |
| **18** | 11.6 | 11.3 | 11.5 | 8.0 | 7.1 | 7.5 | 7.1 | 5.7 | 6.5 | 5.8 | 4.9 | 5.4 |
| **19** | 11.6 | 11.2 | 11.4 | 7.6 | 7.3 | 7.5 | --- | --- | --- | 7.4 | 4.6 | 6.0 |
| **20** | 11.4 | 10.9 | 11.1 | 8.2 | 7.3 | 7.5 | --- | --- | --- | 6.8 | 4.4 | 5.4 |
| **21** | 10.9 | 10.2 | 10.6 | 7.7 | 7.2 | 7.5 | --- | --- | --- | 6.7 | 4.4 | 5.9 |
| **22** | 10.6 | 10.2 | 10.4 | 7.5 | 7.0 | 7.2 | --- | --- | --- | 7.4 | 5.6 | 6.2 |
| **23** | 10.8 | 10.2 | 10.5 | 7.3 | 7.0 | 7.2 | --- | --- | --- | 7.4 | 5.6 | 6.3 |
| **24** | 10.8 | 10.0 | 10.3 | 7.2 | 6.7 | 7.0 | 7.7 | 6.8 | 7.4 | 6.6 | 5.7 | 6.1 |
| **25** | 10.2 | 9.9 | 10.0 | 6.9 | 6.2 | 6.5 | 7.7 | 6.7 | 7.1 | 7.5 | 6.2 | 6.6 |
| **26** | 10.0 | 9.1 | 9.6 | 6.3 | 5.9 | 6.1 | 7.2 | 6.4 | 6.9 | 7.0 | 6.6 | 6.8 |
| **27** | 9.8 | 9.2 | 9.5 | 5.9 | 5.5 | 5.6 | 7.6 | 5.7 | 6.9 | 6.7 | 6.2 | 6.5 |
| **28** | 9.9 | 9.2 | 9.7 | 5.6 | 4.9 | 5.3 | 7.4 | 6.5 | 7.1 | 7.0 | 5.9 | 6.4 |
| **29** | --- | --- | --- | --- | --- | --- | 7.0 | 5.8 | 6.5 | 6.8 | 6.1 | 6.4 |
| **30** | --- | --- | --- | 6.0 | 5.0 | 5.5 | 6.2 | 4.6 | 5.3 | 7.8 | 5.0 | 5.7 |
| **31** | --- | --- | --- | 5.8 | 4.8 | 5.3 | --- | --- | --- | 7.7 | 4.3 | 5.1 |
| **Month** | 11.6 | 9.1 | 10.7 | --- | --- | --- | --- | --- | --- | 7.8 | 1.1 | 5.6 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 6.0 | 4.3 | 5.0 | 6.8 | 3.9 | 5.5 | 6.2 | 2.1 | 3.7 | 7.6 | 5.2 | 6.1 |
| **2** | 7.7 | 3.4 | 4.8 | 6.2 | 4.0 | 5.4 | 6.6 | 2.3 | 4.4 | 8.3 | 5.2 | 6.0 |
| **3** | 4.4 | 3.0 | 3.9 | 6.8 | 5.7 | 6.3 | 5.2 | 0.4 | 2.9 | 7.5 | 4.4 | 5.6 |
| **4** | 6.1 | 1.5 | 3.1 | 6.8 | 5.7 | 6.3 | 1.1 | 0.1 | 0.2 | 6.2 | 3.9 | 5.1 |
| **5** | 6.1 | 0.7 | 1.2 | 6.4 | 4.7 | 5.8 | --- | --- | --- | 5.9 | 4.3 | 5.1 |
| **6** | 3.4 | 0.3 | 1.1 | 5.1 | 3.9 | 4.6 | 5.2 | 0.1 | 1.5 | 7.9 | 4.1 | 5.1 |
| **7** | 5.1 | 3.4 | 4.4 | 4.8 | 3.8 | 4.5 | --- | --- | --- | 6.0 | 3.8 | 4.6 |
| **8** | 5.1 | 2.7 | 4.2 | 4.7 | 3.5 | 4.0 | 3.7 | 0.1 | 1.1 | 8.9 | 2.5 | 4.4 |
| **9** | 4.9 | 2.7 | 3.6 | 5.2 | 3.8 | 4.4 | 2.3 | 0.1 | 0.2 | 7.8 | 1.6 | 4.5 |
| **10** | 4.0 | 1.8 | 2.1 | 6.1 | 3.2 | 4.6 | --- | --- | --- | 3.9 | 0.5 | 1.7 |
| **11** | 2.0 | 1.2 | 1.7 | 5.6 | 3.3 | 4.7 | --- | --- | --- | 8.1 | 0.3 | 2.4 |
| **12** | 1.7 | 0.4 | 0.8 | 7.1 | 1.7 | 2.6 | 1.5 | 0.1 | 1.4 | 6.9 | 4.7 | 6.1 |
| **13** | 1.7 | 0.2 | 0.6 | 7.1 | 1.3 | 2.1 | 3.2 | 0.1 | 0.5 | 6.6 | 4.1 | 5.5 |
| **14** | 1.6 | 0.2 | 0.7 | 7.2 | 0.8 | 2.3 | 0.3 | 0.1 | 0.2 | 9.8 | 3.4 | 5.3 |
| **15** | 5.9 | 0.6 | 1.6 | 5.0 | 0.9 | 2.1 | 6.4 | 0.1 | 3.4 | 9.9 | 4.5 | 6.7 |
| **16** | 6.2 | 3.2 | 5.2 | 5.4 | 3.6 | 4.8 | 5.8 | 4.7 | 5.4 | 7.0 | 4.2 | 5.1 |
| **17** | 8.0 | 5.4 | 6.0 | 7.6 | 3.1 | 4.6 | 5.2 | 4.1 | 4.7 | 6.4 | 3.9 | 4.9 |
| **18** | 5.6 | 4.4 | 5.1 | 5.8 | 2.9 | 4.4 | 5.3 | 3.4 | 4.4 | 6.3 | 2.2 | 3.5 |
| **19** | 5.7 | 3.2 | 4.8 | 7.3 | 4.7 | 5.9 | 6.9 | 2.3 | 4.6 | 8.8 | 2.9 | 4.7 |
| **20** | 7.6 | 3.6 | 5.3 | 6.9 | 5.7 | 6.3 | 7.7 | 3.6 | 5.7 | 9.0 | 3.7 | 6.1 |
| **21** | 8.1 | 4.3 | 5.9 | 6.3 | 5.7 | 6.1 | 7.5 | 5.1 | 6.4 | 9.1 | 2.4 | 3.7 |
| **22** | 6.5 | 3.9 | 5.1 | 6.0 | 4.4 | 5.1 | 7.9 | 5.3 | 6.8 | 3.4 | 1.7 | 2.6 |
| **23** | 5.2 | 1.6 | 3.1 | 6.5 | 4.2 | 5.5 | 7.5 | 4.9 | 6.3 | 1.8 | 0.1 | 0.8 |
| **24** | 5.8 | 2.1 | 4.0 | 5.8 | 3.0 | 4.4 | 7.0 | 3.9 | 5.0 | 3.7 | 0.2 | 2.0 |
| **25** | 6.6 | 4.6 | 5.3 | 6.2 | 2.8 | 4.3 | 6.0 | 2.3 | 3.6 | 5.8 | 0.6 | 2.3 |
| **26** | 6.3 | 5.4 | 5.8 | 6.7 | 2.4 | 3.8 | 3.8 | 0.9 | 1.7 | 7.1 | 1.2 | 3.7 |
| **27** | 6.8 | 4.7 | 5.8 | 6.8 | 3.8 | 6.2 | 6.8 | 0.5 | 2.0 | 5.2 | 1.0 | 3.1 |
| **28** | 7.6 | 5.0 | 6.3 | 6.6 | 3.6 | 5.8 | 6.3 | 0.6 | 3.3 | 6.4 | 1.4 | 4.1 |
| **29** | 7.6 | 6.0 | 6.7 | 5.5 | 4.4 | 4.7 | 5.5 | 0.1 | 1.4 | 6.0 | 3.6 | 5.1 |
| **30** | 7.7 | 5.5 | 6.6 | 5.2 | 3.3 | 4.1 | 4.9 | 0.6 | 2.9 | 6.0 | 2.5 | 3.7 |
| **31** | --- | --- | --- | 5.3 | 2.1 | 3.4 | 7.3 | 1.4 | 4.1 | --- | --- | --- |
| **Month** | 8.1 | 0.2 | 4.0 | 7.6 | 0.8 | 4.7 | --- | --- | --- | 9.9 | 0.1 | 4.3 |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 8.0 | 2.2 | 4.0 | 8.8 | 3.4 | 4.8 | 8.9 | 6.3 | 7.2 | 9.6 | 8.6 | 9.1 |
| **2** | 8.8 | 1.1 | 3.2 | 9.5 | 3.3 | 6.1 | 7.7 | 6.2 | 7.1 | 9.8 | 9.0 | 9.5 |
| **3** | 5.6 | 2.0 | 3.4 | 7.0 | 4.4 | 5.4 | 8.4 | 7.5 | 8.1 | 10.0 | 9.2 | 9.7 |
| **4** | 6.7 | 2.0 | 4.0 | 5.4 | 3.1 | 3.9 | 8.2 | 7.3 | 7.7 | 10.1 | 9.5 | 9.8 |
| **5** | 6.7 | 2.8 | 5.5 | 5.6 | 2.8 | 3.7 | 7.8 | 7.3 | 7.6 | 9.7 | 9.2 | 9.5 |
| **6** | 7.9 | 3.2 | 4.9 | 7.9 | 4.1 | 6.3 | 8.5 | 7.4 | 7.7 | 9.4 | 8.7 | 9.2 |
| **7** | 6.1 | 3.1 | 4.2 | 7.5 | 6.0 | 6.7 | 8.4 | 7.2 | 7.9 | 9.2 | 8.6 | 8.9 |
| **8** | 6.0 | 3.2 | 4.2 | 6.6 | 5.3 | 5.8 | 8.8 | 7.1 | 8.1 | 9.0 | 8.0 | 8.6 |
| **9** | 9.1 | 4.6 | 6.2 | 6.4 | 3.5 | 5.3 | 8.8 | 7.6 | 8.1 | 8.7 | 8.0 | 8.4 |
| **10** | 9.4 | 4.3 | 5.8 | 5.6 | 3.2 | 4.2 | 8.8 | 7.3 | 8.1 | 8.3 | 7.5 | 7.9 |
| **11** | 6.2 | 3.8 | 5.0 | 6.1 | 4.5 | 5.2 | 8.8 | 7.2 | 8.3 | 8.1 | 7.8 | 7.9 |
| **12** | 8.0 | 4.9 | 6.7 | 6.2 | 4.5 | 5.2 | 8.4 | 1.7 | 6.8 | 8.6 | 7.8 | 8.2 |
| **13** | 7.3 | 5.3 | 6.5 | 5.0 | 3.0 | 4.2 | 8.2 | 7.5 | 7.9 | 8.9 | 8.0 | 8.4 |
| **14** | 6.7 | 5.0 | 5.8 | 4.5 | 2.3 | 3.4 | 8.3 | 7.2 | 7.9 | 10.2 | 8.2 | 9.1 |
| **15** | 6.3 | 4.8 | 5.5 | 7.6 | 4.0 | 6.8 | 8.2 | 7.2 | 7.7 | 10.0 | 8.7 | 9.3 |
| **16** | 8.3 | 4.1 | 5.1 | 8.6 | 6.8 | 7.7 | 8.9 | 7.5 | 8.2 | 10.2 | 9.5 | 9.8 |
| **17** | 5.4 | 3.4 | 4.6 | 8.2 | 6.8 | 7.5 | 9.2 | 7.7 | 8.4 | 10.1 | 9.6 | 9.8 |
| **18** | 8.5 | 3.0 | 4.4 | 8.3 | 6.6 | 7.6 | 9.3 | 7.9 | 8.8 | 10.0 | 9.6 | 9.8 |
| **19** | 9.2 | 3.2 | 6.4 | 8.5 | 6.3 | 7.0 | 8.7 | 7.7 | 8.2 | 10.5 | 9.7 | 10.1 |
| **20** | 9.1 | 3.0 | 6.1 | 7.8 | 5.3 | 6.5 | 8.4 | 7.2 | 7.9 | 10.7 | 10.2 | 10.5 |
| **21** | 8.6 | 7.3 | 8.1 | 7.7 | 5.1 | 6.2 | 8.6 | 7.0 | 7.8 | 10.9 | 10.2 | 10.5 |
| **22** | 8.1 | 6.9 | 7.5 | 7.5 | 6.0 | 6.7 | 8.8 | 7.9 | 8.5 | 11.2 | 10.4 | 10.7 |
| **23** | 7.9 | 6.1 | 7.1 | 7.2 | 5.5 | 6.3 | 9.3 | 8.5 | 8.8 | 10.9 | 10.5 | 10.7 |
| **24** | 8.2 | 6.4 | 7.3 | 7.5 | 6.2 | 6.7 | 9.9 | 8.5 | 9.1 | 10.9 | 10.5 | 10.7 |
| **25** | 8.7 | 6.6 | 7.6 | 6.9 | 5.9 | 6.3 | 10.1 | 9.3 | 9.7 | 10.9 | 10.4 | 10.6 |
| **26** | 10.1 | 6.1 | 7.5 | 7.0 | 6.1 | 6.4 | 10.0 | 8.4 | 9.4 | 10.7 | 10.0 | 10.4 |
| **27** | 9.3 | 6.3 | 8.1 | 6.9 | 6.2 | 6.6 | 9.7 | 8.6 | 9.1 | 11.1 | 10.0 | 10.6 |
| **28** | 9.2 | 6.6 | 8.1 | 8.2 | 5.8 | 6.5 | 9.3 | 8.2 | 8.9 | 10.8 | 9.3 | 10.3 |
| **29** | 7.8 | 5.3 | 6.4 | 8.5 | 6.0 | 7.2 | 9.4 | 8.3 | 8.8 | 10.8 | 9.9 | 10.4 |
| **30** | 8.9 | 4.7 | 5.9 | 7.9 | 6.6 | 7.1 | 9.1 | 8.2 | 8.6 | 10.9 | 9.8 | 10.4 |
| **31** | 8.8 | 3.7 | 5.2 | --- | --- | --- | 8.9 | 8.2 | 8.6 | 10.8 | 9.2 | 10.1 |
| **Month** | 10.1 | 1.1 | 5.8 | 9.5 | 2.3 | 6.0 | 10.1 | 1.7 | 8.2 | 11.2 | 7.5 | 9.6 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.3 | 9.5 | 9.8 | 7.8 | 7.2 | 7.6 | 9.2 | 6.0 | 7.4 | 9.2 | 8.0 | 8.7 |
| **2** | 9.9 | 9.3 | 9.6 | 8.0 | 7.3 | 7.7 | 8.4 | 7.0 | 7.6 | 8.3 | 7.1 | 7.8 |
| **3** | 9.4 | 8.8 | 9.2 | 7.9 | 6.5 | 7.6 | 8.2 | 7.0 | 7.7 | 9.2 | 7.4 | 8.3 |
| **4** | 9.5 | 8.6 | 9.0 | 8.0 | 6.4 | 7.1 | 7.7 | 6.9 | 7.2 | 8.7 | 7.0 | 7.8 |
| **5** | 9.2 | 8.4 | 8.7 | 8.0 | 6.2 | 7.2 | 7.8 | 6.9 | 7.3 | --- | --- | --- |
| **6** | 9.0 | 8.3 | 8.7 | 7.9 | 5.8 | 7.1 | 9.4 | 6.7 | 7.4 | --- | --- | --- |
| **7** | 9.7 | 7.8 | 9.0 | 8.4 | 6.2 | 7.3 | 6.9 | 5.9 | 6.4 | --- | --- | --- |
| **8** | 9.9 | 9.5 | 9.7 | 7.9 | 6.1 | 7.1 | 7.8 | 5.3 | 6.6 | --- | --- | --- |
| **9** | 9.8 | 9.2 | 9.5 | 8.6 | 6.4 | 7.5 | 7.7 | 6.4 | 7.1 | 5.4 | 4.8 | 5.1 |
| **10** | 9.7 | 9.0 | 9.2 | 8.1 | 6.3 | 7.3 | 7.4 | 6.2 | 6.8 | 6.2 | 4.6 | 5.1 |
| **11** | 10.3 | 8.2 | 9.2 | 7.9 | 5.7 | 7.0 | 7.2 | 6.2 | 6.8 | 7.9 | 4.5 | 6.6 |
| **12** | 10.3 | 8.8 | 9.5 | 8.0 | 6.0 | 6.7 | 7.4 | 6.4 | 6.9 | 8.7 | 6.9 | 7.7 |
| **13** | 9.3 | 8.8 | 9.1 | 8.0 | 5.8 | 6.8 | 7.8 | 5.4 | 6.9 | 8.2 | 6.6 | 7.2 |
| **14** | 9.8 | 8.7 | 9.4 | 7.6 | 6.3 | 6.9 | 8.4 | 6.7 | 7.5 | 6.7 | 5.4 | 6.1 |
| **15** | 9.7 | 9.0 | 9.2 | 8.8 | 6.0 | 7.1 | 9.9 | 7.6 | 8.6 | 6.7 | 5.5 | 6.0 |
| **16** | 9.4 | 9.0 | 9.2 | 8.8 | 6.2 | 7.7 | 9.8 | 9.0 | 9.5 | 7.8 | 5.4 | 6.7 |
| **17** | 9.1 | 8.6 | 8.8 | 8.8 | 7.0 | 7.9 | 9.3 | 8.8 | 9.0 | 7.9 | 6.4 | 7.3 |
| **18** | 9.1 | 8.6 | 8.9 | 8.0 | 7.0 | 7.6 | 9.1 | 8.5 | 8.7 | 8.7 | 6.1 | 7.1 |
| **19** | 8.9 | 8.2 | 8.7 | 8.6 | 6.9 | 7.7 | 8.9 | 7.8 | 8.4 | 6.6 | 4.2 | 5.2 |
| **20** | 8.2 | 7.3 | 7.6 | 9.3 | 7.0 | 8.0 | 9.4 | 7.8 | 8.4 | 7.4 | 4.3 | 5.8 |
| **21** | 7.6 | 6.2 | 6.7 | 8.2 | 7.3 | 7.7 | 9.2 | 7.9 | 8.5 | 8.2 | 4.3 | 5.7 |
| **22** | 6.9 | 6.2 | 6.6 | 8.2 | 7.8 | 8.0 | 9.1 | 7.0 | 7.6 | 8.4 | 6.8 | 7.7 |
| **23** | 7.0 | 6.5 | 6.7 | 9.2 | 7.7 | 8.5 | 9.8 | 6.8 | 8.0 | 8.7 | 7.3 | 7.7 |
| **24** | 7.0 | 6.3 | 6.7 | 9.4 | 8.0 | 8.5 | 9.3 | 6.8 | 8.2 | 8.6 | 6.6 | 7.4 |
| **25** | 6.7 | 6.1 | 6.5 | 9.3 | 8.1 | 8.7 | 8.6 | 7.1 | 7.7 | 9.3 | 6.8 | 7.9 |
| **26** | 7.6 | 6.4 | 7.1 | 9.3 | 8.4 | 8.9 | 8.2 | 6.6 | 7.3 | 9.1 | 6.6 | 7.8 |
| **27** | 7.7 | 7.1 | 7.5 | 9.4 | 8.4 | 8.9 | 8.3 | 6.8 | 7.8 | 8.7 | 6.1 | 7.4 |
| **28** | 8.2 | 6.8 | 7.6 | 9.1 | 8.4 | 8.7 | 8.7 | 6.9 | 7.7 | 9.3 | 5.7 | 7.1 |
| **29** | 7.8 | 7.6 | 7.7 | 9.8 | 8.4 | 8.8 | 9.4 | 7.6 | 8.3 | 6.9 | 4.1 | 5.4 |
| **30** | --- | --- | --- | 9.4 | 8.8 | 9.0 | 9.5 | 8.8 | 9.2 | 9.9 | 2.2 | 4.2 |
| **31** | --- | --- | --- | 9.0 | 7.8 | 8.5 | --- | --- | --- | 6.7 | 3.5 | 4.8 |
| **Month** | 10.3 | 6.1 | 8.5 | 9.8 | 5.7 | 7.8 | 9.9 | 5.3 | 7.8 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 7.0 | 3.1 | 5.0 | 6.7 | 1.2 | 3.4 | 9.5 | 5.2 | 6.8 | 7.9 | 0.5 | 6.3 |
| **2** | 7.4 | 3.2 | 5.1 | 2.6 | 0.5 | 1.1 | 10.0 | 5.4 | 7.3 | 5.4 | 3.1 | 4.4 |
| **3** | 7.0 | 4.0 | 5.5 | --- | --- | --- | 7.9 | 6.8 | 7.5 | 7.1 | 2.1 | 4.1 |
| **4** | 7.6 | 6.0 | 6.7 | --- | --- | --- | --- | --- | --- | 8.4 | 5.2 | 6.1 |
| **5** | 7.7 | 6.5 | 7.1 | --- | --- | --- | --- | --- | --- | 11.3 | 6.0 | 8.2 |
| **6** | 8.2 | 6.9 | 7.4 | --- | --- | --- | --- | --- | --- | 10.0 | 6.3 | 8.2 |
| **7** | 8.7 | 7.2 | 7.9 | --- | --- | --- | --- | --- | --- | 9.1 | 5.6 | 7.3 |
| **8** | 8.8 | 7.3 | 8.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 8.7 | 6.4 | 7.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 8.4 | 6.3 | 7.4 | 6.7 | 0.7 | 1.9 | --- | --- | --- | --- | --- | --- |
| **11** | 8.3 | 6.2 | 7.2 | 6.5 | 2.4 | 4.4 | --- | --- | --- | --- | --- | --- |
| **12** | 8.4 | 6.5 | 7.6 | 6.5 | 4.1 | 5.4 | --- | --- | --- | --- | --- | --- |
| **13** | 8.4 | 6.0 | 7.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.0 | 4.5 | 7.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 8.3 | 2.8 | 4.7 | --- | --- | --- | 11.2 | 0.5 | 6.3 | --- | --- | --- |
| **16** | 7.2 | 1.8 | 4.6 | 3.6 | 0.9 | 1.8 | 6.9 | 0.4 | 2.6 | --- | --- | --- |
| **17** | 6.1 | 1.0 | 2.4 | 7.3 | 0.3 | 1.2 | 6.3 | 0.4 | 5.1 | 4.3 | 4.0 | 4.2 |
| **18** | 3.0 | 0.5 | 1.3 | 4.4 | 0.3 | 1.1 | --- | --- | --- | 4.1 | 3.8 | 4.0 |
| **19** | 1.5 | 0.3 | 0.8 | 7.3 | 0.5 | --- | --- | --- | --- | 4.0 | 2.8 | 3.4 |
| **20** | 1.4 | 0.3 | 0.5 | 7.3 | 0.3 | --- | --- | --- | --- | 3.7 | 1.7 | 2.7 |
| **21** | 1.0 | 0.3 | 0.3 | 1.4 | 0.3 | 0.6 | 6.3 | 3.9 | 5.3 | 3.2 | 1.4 | 2.2 |
| **22** | 0.5 | 0.3 | 0.3 | 7.2 | 0.3 | 3.7 | 5.8 | 3.9 | 4.8 | 3.5 | 0.4 | 2.2 |
| **23** | 1.8 | 0.3 | 0.5 | 7.5 | 5.3 | 6.7 | 6.3 | 2.4 | 3.9 | 4.6 | 0.4 | 2.4 |
| **24** | 5.7 | 0.3 | 2.0 | 7.0 | 5.5 | 6.2 | 7.3 | 2.8 | 5.6 | 5.6 | 0.5 | 3.3 |
| **25** | 5.4 | 3.6 | 4.7 | 5.7 | 3.7 | 4.6 | 11.6 | 1.0 | 1.9 | 6.3 | 1.5 | 5.4 |
| **26** | --- | --- | --- | 8.4 | 1.6 | 3.9 | --- | --- | --- | 5.9 | 0.6 | 4.1 |
| **27** | --- | --- | --- | 11.6 | 2.8 | 6.5 | --- | --- | --- | 6.7 | 2.9 | 4.8 |
| **28** | --- | --- | --- | 13.0 | 1.9 | 8.2 | 1.2 | 0.4 | 0.5 | 6.7 | 3.0 | 4.1 |
| **29** | 6.2 | 4.7 | 5.7 | 9.7 | 6.3 | 8.0 | 1.1 | 0.4 | 0.6 | 7.3 | 2.5 | 4.4 |
| **30** | 7.0 | 4.0 | 5.3 | 8.3 | 5.2 | 6.9 | 0.7 | 0.5 | 0.6 | 7.3 | 3.0 | 3.8 |
| **31** | --- | --- | --- | 7.8 | 5.3 | 6.2 | 3.1 | 0.4 | 0.6 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 28 | 8.1 | 16 | 78 | 60 | 65 | 57 | 52 | 55 | 45 | 41 | 43 |
| **2** | 24 | 7.6 | 18 | 71 | 65 | 68 | 55 | 51 | 53 | 44 | 39 | 41 |
| **3** | 26 | 9.4 | 19 | 75 | 59 | 64 | 57 | 49 | 53 | 40 | 36 | 38 |
| **4** | 22 | 8.4 | 16 | 66 | 57 | 61 | 59 | 52 | 55 | 50 | 38 | 43 |
| **5** | 22 | 11 | 15 | 60 | 55 | 57 | 57 | 52 | 54 | 49 | 39 | 43 |
| **6** | 21 | 7.1 | 11 | 63 | 54 | 57 | 56 | 52 | 54 | 47 | 38 | 42 |
| **7** | --- | --- | --- | 65 | 55 | 59 | 56 | 50 | 53 | 45 | 41 | 43 |
| **8** | --- | --- | --- | 70 | 56 | 62 | 55 | 50 | 53 | 47 | 38 | 43 |
| **9** | --- | --- | --- | 67 | 54 | 61 | 54 | 51 | 53 | 49 | 41 | 46 |
| **10** | --- | --- | --- | 67 | 53 | 60 | 54 | 50 | 52 | 50 | 45 | 48 |
| **11** | --- | --- | --- | 64 | 56 | 59 | 54 | 51 | 52 | 50 | 42 | 47 |
| **12** | --- | --- | --- | 62 | 55 | 58 | 54 | 47 | 50 | 51 | 45 | 47 |
| **13** | 31 | 20 | 25 | 66 | 54 | 58 | 51 | 48 | 49 | 48 | 42 | 46 |
| **14** | 37 | 20 | 26 | 69 | 56 | 64 | 50 | 45 | 47 | 52 | 44 | 46 |
| **15** | 61 | 23 | 44 | 63 | 57 | 60 | 49 | 42 | 46 | 51 | 46 | 48 |
| **16** | 67 | 46 | 55 | 59 | 49 | 55 | 47 | 42 | 44 | 50 | 46 | 48 |
| **17** | 250 | 59 | 120 | 57 | 47 | 51 | 47 | 42 | 44 | 84 | 47 | 56 |
| **18** | 240 | 170 | 200 | 54 | 46 | 49 | 49 | 42 | 46 | 150 | 84 | 120 |
| **19** | 210 | 130 | 170 | 51 | 46 | 48 | 52 | 42 | 46 | 150 | 140 | 140 |
| **20** | 140 | 110 | 120 | 55 | 47 | 50 | 50 | 40 | 43 | 140 | 110 | 130 |
| **21** | 110 | 82 | 97 | 53 | 47 | 50 | 50 | 40 | 43 | 130 | 99 | 110 |
| **22** | 85 | 70 | 75 | 53 | 48 | 50 | 47 | 40 | 42 | 100 | 69 | 82 |
| **23** | 92 | 66 | 74 | 54 | 48 | 51 | 45 | 40 | 42 | 78 | 57 | 67 |
| **24** | 77 | 55 | 66 | 59 | 50 | 54 | 46 | 39 | 42 | 75 | 48 | 59 |
| **25** | 67 | 54 | 59 | 58 | 50 | 53 | 43 | 40 | 41 | 72 | 43 | 62 |
| **26** | 66 | 47 | 57 | 57 | 49 | 53 | 42 | 38 | 40 | 72 | 62 | 68 |
| **27** | 56 | 47 | 50 | 57 | 49 | 53 | 42 | 39 | 40 | 65 | 58 | 61 |
| **28** | 120 | 48 | 74 | 59 | 49 | 54 | 43 | 38 | 40 | 63 | 59 | 61 |
| **29** | 120 | 77 | 100 | 58 | 49 | 52 | 43 | 36 | 40 | 63 | 58 | 60 |
| **30** | 99 | 58 | 81 | 60 | 50 | 55 | 44 | 40 | 42 | 61 | 57 | 59 |
| **31** | 85 | 58 | 71 | --- | --- | --- | 46 | 40 | 42 | 62 | 58 | 60 |
| **Month** | --- | --- | --- | 78 | 46 | 56 | 59 | 36 | 47 | 150 | 36 | 62 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 68 | 58 | 62 | 47 | 40 | 44 | 50 | 42 | 44 | 46 | 37 | 40 |
| **2** | 59 | 57 | 58 | 49 | 41 | 44 | 50 | 36 | 41 | 47 | 37 | 40 |
| **3** | 58 | 54 | 57 | 48 | 39 | 42 | 42 | 34 | 37 | 42 | 35 | 38 |
| **4** | 57 | 55 | 56 | 46 | 40 | 44 | 39 | 33 | 36 | 41 | 34 | 37 |
| **5** | 60 | 53 | 56 | 49 | 43 | 45 | 40 | 33 | 35 | 44 | 35 | 37 |
| **6** | 57 | 46 | 53 | 52 | 42 | 47 | 43 | 34 | 36 | 49 | 36 | 43 |
| **7** | 59 | 50 | 54 | 58 | 43 | 49 | 40 | 36 | 39 | 51 | 43 | 45 |
| **8** | 55 | 48 | 53 | 49 | 42 | 44 | 39 | 37 | 38 | 50 | 43 | 46 |
| **9** | 54 | 48 | 51 | 48 | 39 | 44 | 39 | 36 | 37 | 50 | 43 | 47 |
| **10** | 52 | 49 | 51 | 52 | 42 | 46 | 43 | 36 | 38 | 49 | 42 | 46 |
| **11** | 52 | 49 | 50 | 45 | 39 | 42 | 43 | 36 | 39 | 48 | 39 | 42 |
| **12** | 56 | 48 | 50 | 46 | 41 | 43 | 43 | 36 | 39 | 45 | 39 | 42 |
| **13** | 55 | 50 | 51 | 51 | 41 | 45 | 41 | 37 | 39 | 43 | 38 | 41 |
| **14** | 54 | 49 | 51 | 53 | 39 | 42 | 43 | 38 | 40 | 42 | 38 | 40 |
| **15** | 53 | 49 | 50 | 52 | 22 | 38 | 44 | 38 | 41 | 41 | 38 | 40 |
| **16** | 50 | 44 | 48 | 48 | 33 | 42 | 49 | 39 | 42 | 43 | 36 | 38 |
| **17** | 51 | 46 | 47 | 67 | 43 | 52 | 43 | 39 | 41 | 39 | 36 | 37 |
| **18** | 50 | 45 | 47 | 64 | 48 | 53 | 44 | 40 | 42 | 40 | 35 | 37 |
| **19** | 49 | 44 | 46 | 65 | 46 | 50 | --- | --- | --- | 37 | 33 | 35 |
| **20** | 47 | 44 | 46 | 48 | 44 | 46 | --- | --- | --- | 36 | 30 | 32 |
| **21** | 45 | 39 | 44 | 49 | 42 | 46 | --- | --- | --- | 34 | 31 | 32 |
| **22** | 50 | 40 | 44 | 49 | 43 | 45 | --- | --- | --- | 40 | 29 | 35 |
| **23** | 45 | 39 | 42 | 46 | 42 | 44 | --- | --- | --- | 43 | 29 | 36 |
| **24** | 48 | 41 | 44 | 48 | 41 | 43 | 41 | 38 | 39 | 43 | 30 | 35 |
| **25** | 46 | 40 | 43 | 50 | 42 | 44 | 48 | 39 | 42 | 51 | 30 | 34 |
| **26** | 58 | 40 | 48 | 47 | 40 | 44 | 49 | 38 | 42 | 50 | 32 | 36 |
| **27** | 54 | 40 | 46 | 49 | 43 | 46 | 56 | 38 | 42 | 47 | 35 | 40 |
| **28** | 50 | 39 | 43 | 49 | 43 | 45 | 41 | 37 | 39 | 64 | 36 | 48 |
| **29** | --- | --- | --- | 51 | 45 | 47 | 44 | 37 | 39 | 110 | 45 | 66 |
| **30** | --- | --- | --- | 53 | 45 | 48 | 48 | 40 | 43 | 88 | 43 | 59 |
| **31** | --- | --- | --- | 49 | 44 | 47 | --- | --- | --- | 57 | 36 | 45 |
| **Month** | 68 | 39 | 50 | 67 | 22 | 45 | --- | --- | --- | 110 | 29 | 41 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 59 | 40 | 50 | 44 | 24 | 33 | 27 | 16 | 24 | 36 | 5.1 | 9.1 |
| **2** | 53 | 39 | 45 | 42 | 20 | 28 | 27 | 18 | 23 | 29 | 8.2 | 14 |
| **3** | 54 | 39 | 46 | 39 | 18 | 26 | 25 | 10 | 18 | 15 | 6.3 | 9.9 |
| **4** | 47 | 31 | 40 | 27 | 17 | 20 | 22 | 17 | 19 | 17 | 5.9 | 8.6 |
| **5** | 42 | 34 | 39 | 31 | 15 | 20 | 22 | 15 | 19 | --- | --- | --- |
| **6** | 41 | 26 | 36 | 39 | 22 | 27 | 20 | 13 | 16 | --- | --- | --- |
| **7** | 32 | 23 | 28 | 39 | 27 | 32 | --- | --- | --- | --- | --- | --- |
| **8** | 35 | 24 | 30 | 42 | 32 | 37 | --- | --- | --- | --- | --- | --- |
| **9** | 37 | 24 | 30 | 41 | 36 | 38 | --- | --- | --- | --- | --- | --- |
| **10** | 37 | 26 | 30 | --- | --- | --- | --- | --- | --- | 14 | 5.3 | 9.4 |
| **11** | 38 | 27 | 32 | --- | --- | --- | 12 | 6.3 | 8.1 | 12 | 5.8 | 7.0 |
| **12** | 41 | 27 | 33 | --- | --- | --- | 10 | 4.8 | 7.0 | 12 | 6.0 | 8.8 |
| **13** | 47 | 28 | 39 | --- | --- | --- | 10 | 5.6 | 7.5 | 18 | 6.5 | 10 |
| **14** | 43 | 30 | 36 | 30 | 17 | 26 | 11 | 5.4 | 8.9 | 16 | 4.8 | 8.6 |
| **15** | 47 | 28 | 37 | 28 | 18 | 24 | --- | --- | --- | 18 | 6.9 | 11 |
| **16** | 30 | 14 | 19 | --- | --- | --- | --- | --- | --- | 14 | 8.1 | 11 |
| **17** | 24 | 15 | 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | 25 | 14 | 18 | 32 | 18 | 25 | --- | --- | --- | --- | --- | --- |
| **19** | 25 | 15 | 19 | 33 | 23 | 28 | --- | --- | --- | --- | --- | --- |
| **20** | 24 | 14 | 18 | 39 | 24 | 32 | --- | --- | --- | --- | --- | --- |
| **21** | 26 | 15 | 18 | 48 | 31 | 38 | --- | --- | --- | --- | --- | --- |
| **22** | 22 | 15 | 18 | 41 | 34 | 38 | 21 | 6.9 | 11 | 20 | 9.0 | 12 |
| **23** | 24 | 13 | 19 | 41 | 34 | 36 | 18 | 6.7 | 11 | 20 | 9.8 | 15 |
| **24** | 20 | 12 | 15 | 43 | 33 | 38 | 24 | 7.7 | 13 | 15 | 9.0 | 11 |
| **25** | 24 | 11 | 16 | 42 | 30 | 35 | --- | --- | --- | 19 | 7.4 | 13 |
| **26** | 24 | 13 | 17 | 35 | 20 | 31 | --- | --- | --- | 19 | 6.6 | 11 |
| **27** | 33 | 14 | 22 | 32 | 19 | 22 | --- | --- | --- | 17 | 6.1 | 11 |
| **28** | 36 | 17 | 23 | 38 | 19 | 28 | --- | --- | --- | 15 | 5.4 | 8.2 |
| **29** | 42 | 17 | 26 | 32 | 23 | 28 | 12 | 5.0 | 7.9 | 26 | 8.8 | 18 |
| **30** | 37 | 15 | 23 | 39 | 26 | 31 | 14 | 4.5 | 7.0 | 31 | 9.5 | 19 |
| **31** | --- | --- | --- | 31 | 24 | 27 | 7.0 | 4.7 | 5.8 | --- | --- | --- |
| **Month** | 59 | 11 | 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT,

780-900 NM, DETECT ANG. 90 DEG, FORMAZIN

NEPHELOMETRIC UNITS (FNU)

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 16 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [e, estimated] | | | | | | | | | | | | |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 26 | 12 | 17 | --- | --- | --- | 36 | 20 | 28 | 33 | 26 | 29 |
| **2** | 27 | 9.5 | 14 | --- | --- | --- | 36 | 20 | 28 | 32 | 26 | 28 |
| **3** | 21 | 7.6 | 13 | 24 | 9.7 | 16 | 34 | 20 | 26 | 30 | 26 | 27 |
| **4** | 22 | 5.0 | 10 | 18 | 8.6 | 14 | 36 | 21 | 25 | 28 | 25 | 26 |
| **5** | 16 | 7.4 | 11 | 21 | 12 | 16 | 30 | 20 | 25 | 30 | 24 | 25 |
| **6** | 18 | 3.5 | 11 | 14 | 7.7 | 10 | 40 | 23 | 27 | 28 | 23 | 25 |
| **7** | 28 | 5.4 | 9.7 | 15 | 7.8 | 11 | 38 | 25 | 29 | 31 | 23 | 26 |
| **8** | 18 | 5.8 | 9.8 | 16 | 8.7 | 11 | 38 | 24 | 28 | 34 | 24 | 27 |
| **9** | 12 | 4.3 | 6.8 | 16 | 8.8 | 13 | 35 | 24 | 28 | 32 | 22 | 27 |
| **10** | 15 | 4.8 | 9.7 | --- | --- | --- | 38 | 23 | 28 | 36 | 26 | 29 |
| **11** | 16 | 6.9 | 10 | --- | --- | --- | 33 | 24 | 28 | 32 | 25 | 28 |
| **12** | 18 | 7.6 | 12 | --- | --- | --- | 32 | 14 | 26 | 36 | 25 | 28 |
| **13** | 26 | 6.9 | 12 | --- | --- | --- | 39 | 27 | 31 | 28 | 26 | 27 |
| **14** | 27 | 8.5 | 12 | --- | --- | --- | 38 | 28 | 30 | 28 | 23 | 26 |
| **15** | 20 | 8.8 | 13 | 15 | 7.8 | 11 | 36 | 29 | 32 | 32 | 22 | 26 |
| **16** | --- | --- | --- | 13 | 7.6 | 9.4 | 34 | 29 | 30 | 28 | 22 | 24 |
| **17** | --- | --- | --- | 16 | 7.6 | 10 | 32 | 28 | 29 | 29 | 24 | 26 |
| **18** | --- | --- | --- | 27 | 7.0 | 9.3 | 44 | 26 | 31 | 27 | 22 | 25 |
| **19** | --- | --- | --- | 12 | 6.5 | 8.1 | 44 | 28 | 33 | 40 | 23 | 27 |
| **20** | --- | --- | --- | 19 | 7.8 | 11 | 43 | 27 | 33 | 33 | 24 | 27 |
| **21** | 24 | 16 | 19 | 16 | 7.1 | 11 | 46 | 29 | 35 | 27 | 23 | 24 |
| **22** | 20 | 15 | 18 | 18 | 9.9 | 14 | 42 | 29 | 33 | 28 | 22 | 25 |
| **23** | 26 | 15 | 20 | 19 | 12 | 15 | 40 | 29 | 32 | 25 | 23 | 24 |
| **24** | 35 | 16 | 20 | 24 | 19 | 22 | 46 | 29 | 34 | 28 | 22 | 25 |
| **25** | 23 | 17 | 20 | 24 | 13 | 20 | 46 | 31 | 38 | 32 | 23 | 29 |
| **26** | --- | --- | --- | 29 | 12 | 16 | 48 | 30 | 37 | 31 | 26 | 29 |
| **27** | --- | --- | --- | 22 | 14 | 19 | 38 | 30 | 34 | 27 | 21 | 24 |
| **28** | --- | --- | --- | 32 | 4.5 | 23 | 41 | 30 | 35 | 30 | 24 | 26 |
| **29** | --- | --- | --- | 29 | 6.1 | 24 | 39 | 30 | 33 | 29 | 22 | 25 |
| **30** | --- | --- | --- | 32 | 18 | 25 | 35 | 27 | 32 | 30 | 25 | 27 |
| **31** | --- | --- | --- | --- | --- | --- | 36 | 26 | 30 | 42 | 26 | 30 |
| **Month** | --- | --- | --- | --- | --- | --- | 48 | 14 | 31 | 42 | 21 | 26 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 37 | 26 | 30 | 50 | 44 | 45 | --- | --- | --- | 24 | 18 | 21 |
| **2** | 32 | 25 | 28 | 47 | 43 | 45 | 31 | 24 | 26 | 30 | 18 | 22 |
| **3** | 34 | 23 | 28 | 46 | 44 | 45 | 32 | 21 | 25 | 23 | 18 | 20 |
| **4** | 31 | 25 | 28 | 49 | 45 | 46 | 28 | 22 | 25 | 27 | 20 | 23 |
| **5** | 32 | 27 | 30 | 47 | 44 | 45 | 24 | 20 | 22 | 30 | 21 | 24 |
| **6** | 33 | 28 | 30 | 46 | 44 | 45 | 24 | 19 | 21 | --- | --- | --- |
| **7** | --- | --- | --- | 59 | 45 | 46 | 24 | 19 | 21 | --- | --- | --- |
| **8** | 38 | 30 | 33 | 61 | 44 | 46 | 26 | 17 | 22 | --- | --- | --- |
| **9** | 35 | 28 | 32 | 72 | 44 | 51 | 21 | 19 | 19 | 37 | 25 | 32 |
| **10** | 34 | 28 | 31 | 48 | 45 | 46 | 24 | 18 | 20 | 38 | 29 | 32 |
| **11** | 38 | 28 | 35 | 50 | 46 | 47 | 22 | 18 | 20 | 36 | 22 | 27 |
| **12** | 35 | 28 | 31 | 54 | 47 | 50 | 29 | 19 | 24 | 28 | 24 | 26 |
| **13** | 46 | 29 | 32 | 61 | 45 | 53 | 29 | 15 | 24 | 31 | 25 | 27 |
| **14** | 36 | 28 | 31 | 85 | 49 | 61 | 26 | 16 | 20 | 38 | 23 | 27 |
| **15** | 33 | 28 | 30 | 86 | 59 | 72 | 23 | 16 | 20 | 41 | --- | --- |
| **16** | 37 | 28 | 31 | 95 | 65 | 80 | 23 | 18 | 20 | --- | --- | --- |
| **17** | 43 | 29 | 36 | 110 | 87 | 97 | 23 | 18 | 20 | 27 | 16 | 19 |
| **18** | 42 | 38 | 40 | 94 | 50 | 78 | 25 | 18 | 22 | 24 | 15 | 19 |
| **19** | 56 | 39 | 44 | e97 | 38 | 63 | 45 | 24 | 29 | 33 | 17 | 26 |
| **20** | 60 | 50 | 54 | 70 | 36 | 46 | 37 | 23 | 27 | 39 | 17 | 27 |
| **21** | 58 | 49 | 54 | 48 | 38 | 42 | 35 | 23 | 28 | 29 | 17 | 23 |
| **22** | 55 | 48 | 51 | 42 | 36 | 38 | 31 | 23 | 27 | 23 | 16 | 18 |
| **23** | 52 | 48 | 50 | 40 | 35 | 37 | 34 | 23 | 26 | 23 | 15 | 18 |
| **24** | 50 | 45 | 48 | 40 | 36 | 38 | 35 | 24 | 30 | 20 | 13 | 17 |
| **25** | 50 | 44 | 47 | 43 | 37 | 39 | --- | --- | --- | 21 | 12 | 16 |
| **26** | 49 | 46 | 48 | 40 | 36 | 38 | --- | --- | --- | 27 | 13 | 19 |
| **27** | 51 | 45 | 47 | 40 | 36 | 38 | --- | --- | --- | --- | --- | --- |
| **28** | 54 | 47 | 49 | 46 | 36 | 40 | --- | --- | --- | --- | --- | --- |
| **29** | 49 | 45 | 47 | 45 | 36 | 41 | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | 44 | 36 | 39 | 27 | 18 | 22 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36 | 13 | 19 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27 | 10 | 17 | 14 | 4.8 | 8.2 | 13 | 8.3 | 10 | 17 | 7.2 | 10 |
| **2** | 28 | 10 | 16 | 10 | 3.7 | 6.0 | 20 | 4.7 | 12 | 17 | 6.7 | 11 |
| **3** | 22 | 10 | 14 | 15 | 4.7 | 8.4 | 6.0 | 5.0 | 5.7 | 16 | 6.2 | 11 |
| **4** | 17 | 6.6 | 13 | 15 | 4.0 | 11 | --- | --- | --- | 19 | 6.2 | 10 |
| **5** | 21 | 6.0 | 16 | 16 | 3.2 | 9.6 | --- | --- | --- | 14 | 6.6 | 8.3 |
| **6** | 26 | 10 | 15 | 14 | 4.1 | 7.7 | --- | --- | --- | 21 | 7.6 | 12 |
| **7** | 26 | 9.2 | 15 | 21 | 3.5 | 13 | --- | --- | --- | 22 | 8.7 | 12 |
| **8** | 22 | 9.2 | 12 | 29 | 6.7 | 15 | --- | --- | --- | 26 | 9.3 | 15 |
| **9** | 25 | 9.1 | 14 | 30 | 4.6 | 14 | --- | --- | --- | --- | --- | --- |
| **10** | 22 | 9.2 | 12 | 20 | 5.2 | 11 | --- | --- | --- | --- | --- | --- |
| **11** | 28 | 9.2 | 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 20 | 9.1 | 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 26 | 8.1 | 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | --- | --- | --- | --- | --- | --- | 14 | 6.1 | 9.1 | --- | --- | --- |
| **16** | --- | --- | --- | 20 | 12 | 16 | 14 | 7.6 | 11 | --- | --- | --- |
| **17** | --- | --- | --- | 20 | 9.2 | 14 | 16 | 7.6 | 11 | 99 | 76 | 85 |
| **18** | 22 | 7.7 | 15 | 25 | 8.8 | 14 | 16 | 8.1 | 13 | 78 | 47 | 62 |
| **19** | 16 | 10 | 13 | 21 | 2.4 | 11 | 15 | 8.3 | 11 | 53 | 37 | 44 |
| **20** | 24 | 9.6 | 13 | 19 | 8.6 | 12 | --- | --- | --- | 54 | 34 | 41 |
| **21** | 15 | 9.4 | 12 | 43 | 7.0 | 15 | 19 | 9.4 | 12 | 52 | 32 | 41 |
| **22** | 18 | 8.1 | 12 | 35 | 8.6 | 13 | 24 | 10 | 14 | 53 | 32 | 39 |
| **23** | 21 | 9.4 | 13 | 21 | 12 | 15 | 21 | 9.6 | 16 | 50 | 31 | 41 |
| **24** | 19 | 9.7 | 13 | 36 | 12 | 17 | 16 | 9.6 | 12 | 46 | 31 | 37 |
| **25** | 21 | 9.6 | 12 | 26 | 12 | 19 | 18 | 7.4 | 12 | 40 | 29 | 32 |
| **26** | 20 | 8.7 | 13 | 44 | 8.3 | 18 | --- | --- | --- | 43 | 29 | 35 |
| **27** | --- | --- | --- | 12 | 7.0 | 9.0 | --- | --- | --- | 42 | 27 | 32 |
| **28** | --- | --- | --- | --- | --- | --- | 14 | 7.8 | 10 | 36 | 27 | 32 |
| **29** | 12 | 3.6 | 7.3 | 37 | 7.5 | 12 | 14 | 6.7 | 9.7 | 44 | 20 | 31 |
| **30** | 20 | 4.2 | 8.6 | 12 | 1.5 | 9.3 | 13 | 6.9 | 9.4 | 40 | 20 | 32 |
| **31** | --- | --- | --- | 13 | 9.3 | 11 | 12 | 6.9 | 9.5 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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