| **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** | --- | --- | --- | 21.8 | 20.4 | 21.1 | 16.0 | 15.1 | 15.6 | 14.8 | 13.2 | 13.8 |
| **2** | --- | --- | --- | 20.4 | 19.1 | 19.8 | 15.5 | 14.8 | 15.1 | 14.4 | 12.9 | 13.5 |
| **3** | --- | --- | --- | 20.1 | 18.7 | 19.3 | 14.8 | 13.4 | 14.2 | 13.2 | 12.8 | 13.0 |
| **4** | --- | --- | --- | 20.0 | 18.3 | 19.2 | 13.6 | 12.8 | 13.2 | 13.2 | 12.3 | 12.9 |
| **5** | --- | --- | --- | 19.6 | 18.7 | 19.2 | 14.5 | 12.4 | 13.2 | 15.2 | 12.2 | 13.5 |
| **6** | --- | --- | --- | 20.1 | 19.3 | 19.5 | 13.3 | 13.0 | 13.2 | 14.1 | 13.3 | 13.7 |
| **7** | --- | --- | --- | 21.7 | 19.0 | 19.9 | 13.2 | 12.3 | 13.0 | 14.1 | 12.0 | 13.3 |
| **8** | --- | --- | --- | 21.9 | 19.0 | 20.1 | 12.4 | 11.4 | 12.0 | 14.6 | 12.2 | 13.3 |
| **9** | --- | --- | --- | 21.0 | 19.6 | 20.2 | 12.4 | 11.1 | 11.5 | 14.1 | 11.7 | 13.0 |
| **10** | --- | --- | --- | 21.5 | 20.2 | 20.9 | 12.1 | 11.2 | 11.7 | 13.6 | 11.7 | 12.9 |
| **11** | --- | --- | --- | 20.6 | 19.1 | 19.8 | 12.7 | 12.1 | 12.3 | 13.9 | 12.6 | 13.4 |
| **12** | --- | --- | --- | 20.1 | 18.7 | 19.3 | 14.3 | 12.6 | 13.2 | 14.9 | 13.6 | 14.4 |
| **13** | --- | --- | --- | 20.6 | 18.7 | 19.4 | 14.7 | 12.6 | 13.6 | 17.0 | 14.7 | 15.5 |
| **14** | --- | --- | --- | 20.5 | 19.2 | 19.8 | 15.7 | 13.9 | 14.7 | 16.3 | 12.4 | 14.8 |
| **15** | --- | --- | --- | 20.1 | 18.1 | 19.3 | 15.6 | 14.6 | 15.0 | 14.5 | 12.0 | 13.4 |
| **16** | --- | --- | --- | 18.5 | 17.3 | 17.9 | 15.7 | 14.5 | 15.0 | 12.7 | 10.8 | 11.8 |
| **17** | --- | --- | --- | 18.5 | 16.9 | 17.6 | 16.6 | 14.7 | 15.8 | 10.8 | 8.8 | 9.6 |
| **18** | --- | --- | --- | 19.4 | 17.1 | 17.9 | 16.9 | 15.9 | 16.6 | 9.0 | 7.8 | 8.1 |
| **19** | --- | --- | --- | 18.0 | 16.5 | 17.2 | 17.4 | 16.7 | 16.9 | 8.1 | 7.6 | 7.9 |
| **20** | --- | --- | --- | 17.1 | 15.9 | 16.4 | 17.0 | 16.3 | 16.7 | 8.5 | 8.0 | 8.2 |
| **21** | --- | --- | --- | 17.4 | 15.3 | 16.2 | 17.1 | 16.0 | 16.4 | 11.4 | 8.3 | 9.2 |
| **22** | --- | --- | --- | 18.0 | 15.9 | 16.8 | 16.6 | 15.4 | 15.9 | 9.4 | 8.6 | 9.1 |
| **23** | --- | --- | --- | 17.0 | 16.4 | 16.8 | 15.5 | 14.6 | 15.1 | --- | --- | --- |
| **24** | --- | --- | --- | 18.6 | 16.5 | 17.3 | 14.6 | 13.9 | 14.2 | --- | --- | --- |
| **25** | --- | --- | --- | 18.4 | 16.7 | 17.3 | 13.9 | 12.9 | 13.5 | 11.6 | 8.6 | 9.7 |
| **26** | --- | --- | --- | 18.4 | 17.0 | 17.6 | 13.9 | 12.3 | 13.0 | 12.0 | 9.7 | 10.5 |
| **27** | --- | --- | --- | 17.8 | 17.6 | 17.7 | 13.6 | 12.4 | 13.0 | 12.3 | 10.5 | 11.2 |
| **28** | --- | --- | --- | 18.8 | 17.7 | 18.3 | 13.7 | 12.9 | 13.3 | 10.9 | 8.9 | 10.2 |
| **29** | --- | --- | --- | 18.6 | 18.4 | 18.5 | 15.1 | 13.6 | 14.3 | --- | --- | --- |
| **30** | --- | --- | --- | 18.9 | 15.8 | 17.5 | 15.2 | 14.2 | 14.5 | --- | --- | --- |
| **31** | 22.8 | 21.1 | 21.7 | --- | --- | --- | 15.0 | 13.8 | 14.3 | --- | --- | --- |
| **Month** | --- | --- | --- | 21.9 | 15.3 | 18.6 | 17.4 | 11.1 | 14.2 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 17.1 | 15.9 | 16.7 | 24.5 | 22.0 | 23.0 | 25.1 | 23.7 | 24.0 |
| **2** | --- | --- | --- | 17.9 | 15.9 | 16.7 | 23.5 | 22.6 | 23.0 | 25.5 | 23.4 | 24.2 |
| **3** | --- | --- | --- | 17.1 | 15.3 | 16.2 | 24.2 | 22.6 | 23.2 | 24.9 | 23.3 | 24.1 |
| **4** | --- | --- | --- | 16.1 | 14.2 | 15.1 | --- | --- | --- | 25.9 | 23.7 | 24.9 |
| **5** | --- | --- | --- | 18.2 | 14.3 | 15.9 | --- | --- | --- | 25.5 | 25.0 | 25.3 |
| **6** | --- | --- | --- | 17.0 | 15.1 | 15.8 | --- | --- | --- | 25.5 | 24.9 | 25.2 |
| **7** | --- | --- | --- | 18.2 | 14.6 | 15.9 | 21.3 | 18.5 | 19.6 | 27.4 | 24.9 | 25.8 |
| **8** | --- | --- | --- | 18.2 | 15.9 | 16.9 | 19.1 | 18.0 | 18.4 | 28.3 | 24.7 | 26.3 |
| **9** | --- | --- | --- | 19.0 | 16.3 | 17.6 | 19.4 | 17.6 | 18.3 | 28.4 | 26.1 | 26.8 |
| **10** | --- | --- | --- | 18.9 | 17.1 | 17.9 | 19.8 | 18.3 | 19.0 | 28.4 | 24.4 | 26.8 |
| **11** | --- | --- | --- | 18.7 | 17.1 | 17.8 | 21.4 | 19.0 | 19.9 | 29.2 | 25.6 | 26.8 |
| **12** | --- | --- | --- | 19.2 | 17.6 | 18.2 | 20.3 | 19.2 | 19.7 | 32.0 | 26.5 | 28.5 |
| **13** | --- | --- | --- | 19.8 | 18.0 | 18.8 | 20.1 | 19.4 | 19.8 | 30.8 | 26.3 | 28.8 |
| **14** | --- | --- | --- | 19.4 | 18.2 | 18.5 | 20.1 | 18.8 | 19.5 | --- | --- | --- |
| **15** | --- | --- | --- | 21.3 | 18.2 | 19.5 | --- | --- | --- | --- | --- | --- |
| **16** | 12.2 | 9.3 | 10.3 | 19.7 | 18.3 | 18.9 | --- | --- | --- | --- | --- | --- |
| **17** | 11.6 | 9.6 | 10.6 | 19.2 | 18.1 | 18.6 | --- | --- | --- | --- | --- | --- |
| **18** | 13.4 | 9.6 | 11.0 | 19.0 | 18.1 | 18.5 | --- | --- | --- | 27.2 | 25.2 | 26.0 |
| **19** | 11.2 | 10.2 | 10.8 | 19.1 | 18.2 | 18.6 | 21.3 | 18.9 | 19.9 | 27.7 | 24.9 | 26.2 |
| **20** | 12.4 | 11.1 | 11.7 | 19.8 | 18.7 | 19.2 | 22.0 | 20.5 | 21.4 | 26.7 | 25.1 | 25.8 |
| **21** | 14.8 | 11.9 | 12.9 | 20.3 | 19.2 | 19.7 | 21.9 | 20.8 | 21.3 | 26.1 | 25.3 | 25.6 |
| **22** | 15.1 | 13.2 | 13.9 | 20.8 | 19.5 | 20.1 | 22.0 | 20.9 | 21.4 | 26.0 | 24.9 | 25.4 |
| **23** | 14.9 | 13.8 | 14.4 | 21.4 | 20.0 | 20.6 | 22.0 | 21.2 | 21.6 | 26.4 | 25.0 | 25.7 |
| **24** | 15.4 | 13.9 | 14.6 | 21.4 | 20.5 | 20.9 | 22.0 | 21.5 | 21.7 | 27.0 | 25.6 | 26.3 |
| **25** | 18.0 | 13.8 | 15.4 | 21.7 | 20.9 | 21.2 | 22.6 | 21.4 | 21.9 | 26.8 | 25.8 | 26.4 |
| **26** | 15.7 | 14.5 | 15.1 | 21.6 | 20.9 | 21.3 | 24.9 | 21.2 | 22.6 | 26.4 | 25.8 | 26.0 |
| **27** | 17.1 | 14.8 | 15.8 | 22.2 | 21.0 | 21.6 | 23.0 | 22.2 | 22.7 | 27.0 | 25.6 | 26.1 |
| **28** | 16.8 | 15.5 | 16.3 | 22.7 | 21.7 | 22.2 | 29.7 | 22.2 | 24.2 | 26.4 | 25.0 | 25.5 |
| **29** | --- | --- | --- | 23.1 | 22.1 | 22.5 | 27.2 | 23.6 | 24.7 | 29.3 | 24.6 | 26.2 |
| **30** | --- | --- | --- | 23.0 | 22.4 | 22.7 | 26.3 | 23.6 | 24.7 | 29.3 | 26.2 | 27.4 |
| **31** | --- | --- | --- | 22.8 | 22.2 | 22.5 | --- | --- | --- | 30.1 | 26.4 | 28.1 |
| **Month** | --- | --- | --- | 23.1 | 14.2 | 18.9 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.6 | 27.5 | 28.5 | 30.2 | 29.8 | 29.9 | 32.1 | 30.0 | 30.7 | 31.8 | 30.5 | 31.1 |
| **2** | 31.4 | 27.4 | 28.7 | 29.8 | 29.3 | 29.5 | 33.8 | 30.6 | 31.6 | 31.8 | 30.3 | 30.8 |
| **3** | 30.2 | 28.2 | 29.0 | 30.1 | 28.9 | 29.5 | 32.9 | 30.7 | 31.8 | 30.9 | 29.1 | 29.5 |
| **4** | 34.1 | 27.6 | 29.6 | 29.4 | 28.8 | 29.2 | 33.4 | 31.3 | 32.3 | 32.5 | 29.9 | 30.5 |
| **5** | 32.5 | 28.3 | 29.8 | 30.4 | 28.4 | 29.1 | 33.0 | 31.4 | 32.1 | 31.1 | 30.0 | 30.4 |
| **6** | 30.0 | 28.5 | 29.2 | 29.2 | 27.9 | 28.5 | 33.1 | 31.4 | 32.0 | 31.4 | 30.0 | 30.7 |
| **7** | 29.0 | 28.2 | 28.6 | 32.7 | 27.8 | 28.9 | 33.6 | 31.2 | 32.0 | 32.5 | 30.2 | 31.0 |
| **8** | 30.0 | 28.6 | 29.2 | 31.5 | 28.3 | 29.3 | 35.3 | 31.3 | 32.3 | 32.3 | 30.5 | 31.1 |
| **9** | 31.9 | 28.7 | 29.9 | 30.0 | 28.8 | 29.3 | 36.1 | 31.0 | 33.2 | 32.2 | 30.5 | 31.1 |
| **10** | 34.8 | 29.6 | 31.1 | 31.1 | 29.1 | 29.9 | 37.0 | 32.1 | 33.9 | 34.7 | 30.5 | 31.9 |
| **11** | 34.4 | 30.1 | 31.2 | 32.7 | 29.8 | 30.8 | 35.9 | 32.6 | 34.0 | 32.5 | 30.8 | 31.7 |
| **12** | 34.8 | 30.4 | 31.8 | 34.6 | 30.2 | 31.4 | 34.4 | 33.0 | 33.6 | 30.8 | 29.8 | 30.2 |
| **13** | 33.6 | 30.3 | 31.3 | 32.7 | 30.5 | 31.0 | 35.0 | 32.5 | 33.6 | 31.1 | 29.3 | 30.1 |
| **14** | 33.2 | 30.1 | 31.1 | 32.2 | 29.9 | 30.5 | 35.4 | 32.8 | 33.9 | 32.4 | 29.8 | 31.1 |
| **15** | 32.1 | 29.9 | 30.7 | 30.7 | 29.7 | 30.1 | 34.1 | 33.1 | 33.8 | 31.4 | 30.2 | 30.8 |
| **16** | 30.3 | 29.5 | 29.9 | 31.5 | 29.6 | 30.5 | 33.1 | 31.7 | 32.2 | 32.4 | 29.3 | 30.6 |
| **17** | 29.5 | 28.9 | 29.2 | 32.0 | 29.9 | 30.4 | 32.8 | 31.5 | 31.9 | 31.8 | 29.3 | 30.5 |
| **18** | 29.9 | 28.7 | 29.3 | 30.7 | 29.6 | 30.1 | 32.2 | 31.0 | 31.6 | 31.8 | 29.2 | 30.4 |
| **19** | 30.6 | 29.2 | 29.9 | 31.1 | 29.2 | 29.6 | 32.4 | 30.9 | 31.6 | 30.6 | 29.7 | 30.2 |
| **20** | 31.6 | 29.4 | 30.1 | 29.7 | 28.4 | 29.0 | 32.4 | 31.1 | 31.7 | 30.4 | 28.8 | 29.6 |
| **21** | 30.8 | 29.5 | 30.0 | 32.6 | 28.3 | 29.7 | 33.0 | 30.9 | 31.9 | 31.0 | 28.4 | 29.5 |
| **22** | 30.7 | 29.5 | 30.0 | 32.1 | 29.1 | 30.4 | 32.5 | 31.2 | 31.9 | 30.5 | 28.4 | 29.3 |
| **23** | 31.1 | 29.4 | 29.8 | 31.4 | 29.1 | 30.0 | 32.8 | 31.5 | 32.1 | 31.7 | 28.1 | 29.2 |
| **24** | 30.3 | 28.7 | 29.5 | 32.4 | 29.1 | 30.2 | 34.8 | 31.6 | 32.6 | 30.5 | 28.0 | 29.1 |
| **25** | 30.1 | 29.0 | 29.4 | 31.6 | 29.6 | 30.4 | 33.3 | 32.0 | 32.5 | 30.1 | 28.6 | 29.1 |
| **26** | 29.5 | 28.8 | 29.2 | 30.5 | 29.8 | 30.2 | 35.4 | 32.1 | 33.3 | 30.3 | 28.1 | 29.0 |
| **27** | 30.0 | 29.2 | 29.5 | 29.8 | 29.1 | 29.4 | 35.4 | 31.9 | 33.1 | 30.2 | 28.6 | 29.3 |
| **28** | 30.4 | 29.0 | 29.6 | 31.5 | 28.9 | 29.9 | 33.4 | 31.6 | 32.5 | 29.7 | 28.4 | 29.2 |
| **29** | 30.8 | 29.3 | 29.8 | 31.9 | 29.4 | 30.4 | 33.0 | 31.5 | 32.2 | 29.2 | 27.8 | 28.6 |
| **30** | 32.2 | 29.3 | 30.2 | 33.3 | 29.9 | 31.1 | 33.6 | 31.0 | 32.0 | 29.2 | 27.9 | 28.4 |
| **31** | --- | --- | --- | 34.2 | 30.4 | 31.9 | 32.4 | 31.2 | 31.8 | --- | --- | --- |
| **Month** | 34.8 | 27.4 | 29.8 | 34.6 | 27.8 | 30.0 | 37.0 | 30.0 | 32.4 | 34.7 | 27.8 | 30.1 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

5

10

15

20

25

30

35

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** | 30.4 | 27.9 | 28.8 | --- | --- | --- | 17.3 | 16.3 | 16.8 | 12.5 | 11.6 | 12.1 |
| **2** | 30.9 | 28.0 | 29.1 | --- | --- | --- | 17.6 | 16.5 | 17.1 | 11.8 | 10.3 | 11.3 |
| **3** | 31.0 | 28.1 | 29.3 | 23.2 | 20.7 | 21.9 | 16.5 | 14.7 | 15.4 | 11.2 | 10.0 | 10.5 |
| **4** | 30.0 | 28.5 | 29.2 | 24.2 | 21.1 | 22.2 | 17.2 | 14.2 | 15.4 | 11.2 | 10.0 | 10.8 |
| **5** | 29.0 | 28.1 | 28.5 | 22.7 | 21.6 | 22.0 | 16.0 | 14.5 | 15.1 | 12.1 | 11.1 | 11.6 |
| **6** | 30.6 | 27.8 | 28.7 | 22.0 | 20.6 | 21.5 | 16.2 | 14.5 | 15.2 | 12.9 | 11.8 | 12.4 |
| **7** | 28.7 | 27.8 | 28.2 | 21.0 | 19.7 | 20.3 | 16.3 | 15.1 | 15.7 | 13.8 | 12.7 | 13.3 |
| **8** | 29.2 | 27.4 | 28.2 | 20.3 | 19.4 | 19.9 | 17.0 | 16.0 | 16.5 | 14.6 | 13.6 | 14.0 |
| **9** | 29.1 | 27.8 | 28.5 | 22.1 | 19.8 | 20.6 | 17.9 | 16.8 | 17.4 | 15.2 | 12.9 | 14.1 |
| **10** | 28.7 | 27.5 | 28.0 | 21.5 | 20.6 | 20.9 | 19.0 | 17.7 | 18.2 | 15.3 | 13.3 | 14.5 |
| **11** | 29.2 | --- | --- | 21.4 | 20.5 | 20.8 | 18.9 | 17.8 | 18.3 | 15.6 | 12.6 | 13.9 |
| **12** | 29.3 | 26.7 | 27.9 | 23.0 | 20.5 | 21.4 | 19.0 | 17.0 | 18.4 | 15.3 | 13.2 | 14.1 |
| **13** | 27.8 | 26.7 | 27.4 | 23.4 | 21.5 | 22.2 | 18.2 | 16.5 | 17.2 | 14.7 | 13.1 | 13.8 |
| **14** | 27.0 | 25.8 | 26.5 | 22.3 | 21.2 | 21.9 | 17.5 | 17.1 | 17.3 | 15.3 | 12.8 | 13.8 |
| **15** | 27.0 | 25.6 | 26.3 | 21.2 | 19.2 | 20.3 | 17.6 | 15.0 | 16.8 | 14.3 | 13.5 | 13.9 |
| **16** | 26.0 | 25.0 | 25.5 | 20.1 | 19.0 | 19.5 | 15.9 | 14.3 | 15.1 | 13.7 | 13.1 | 13.3 |
| **17** | 26.3 | 24.9 | 25.5 | 19.9 | 19.3 | 19.6 | 15.8 | 13.7 | 14.8 | 13.6 | 12.8 | 13.2 |
| **18** | 26.5 | 24.9 | 25.6 | 20.2 | 19.2 | 19.7 | 16.6 | 14.8 | 15.5 | 12.8 | 11.9 | 12.4 |
| **19** | 26.2 | 24.2 | 25.2 | 21.0 | 19.5 | 20.0 | 17.2 | 15.3 | 16.2 | 12.0 | 11.1 | 11.6 |
| **20** | 25.7 | 24.6 | 25.1 | 21.1 | 19.9 | 20.4 | 17.2 | 15.6 | 16.4 | 11.7 | 10.7 | 11.1 |
| **21** | 25.4 | 24.4 | 24.9 | 20.8 | 19.6 | 20.2 | 16.6 | 15.4 | 16.0 | 11.2 | 10.8 | 11.0 |
| **22** | 24.8 | 23.4 | 24.2 | 19.6 | 17.6 | 18.5 | 16.7 | 14.5 | 16.0 | 12.8 | 11.2 | 11.8 |
| **23** | 23.4 | 22.0 | 22.7 | 17.6 | 17.0 | 17.3 | 15.3 | 14.0 | 14.5 | 11.5 | 10.8 | 11.0 |
| **24** | 22.1 | 20.9 | 21.6 | 17.0 | 16.1 | 16.5 | 15.2 | 13.6 | 14.2 | 11.2 | 10.3 | 10.6 |
| **25** | 21.5 | 20.3 | 20.9 | 16.1 | 14.4 | 15.5 | 15.3 | 13.2 | 14.0 | 10.4 | 10.0 | 10.2 |
| **26** | 21.3 | 19.6 | 20.5 | 15.3 | 13.9 | 14.5 | 14.3 | 13.2 | 13.8 | 13.5 | 9.9 | 11.0 |
| **27** | 20.9 | 19.6 | 20.2 | 15.6 | 13.9 | 14.6 | 13.7 | 12.6 | 13.2 | 11.8 | 10.2 | 10.7 |
| **28** | 20.6 | 19.6 | 20.0 | 16.1 | 14.7 | 15.3 | 14.1 | 12.9 | 13.4 | 11.4 | 10.4 | 10.9 |
| **29** | 20.6 | 19.5 | 19.9 | 17.1 | 15.1 | 15.8 | 13.1 | 12.4 | 12.8 | 12.8 | 11.2 | 11.7 |
| **30** | 21.8 | 19.2 | 20.3 | 18.1 | 15.7 | 16.7 | 15.1 | 12.0 | 13.2 | 11.5 | 10.6 | 11.0 |
| **31** | --- | --- | --- | --- | --- | --- | 13.9 | 12.5 | 13.2 | 12.0 | 11.0 | 11.4 |
| **Month** | --- | --- | --- | --- | --- | --- | 19.0 | 12.0 | 15.6 | 15.6 | 9.9 | 12.2 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 13.1 | 10.4 | 11.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 13.2 | 11.0 | 11.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 12.9 | 11.9 | 12.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 13.8 | 12.8 | 13.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 14.8 | 13.8 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 14.8 | 13.1 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 14.5 | 13.3 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 14.7 | 13.0 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 15.9 | 14.0 | 14.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 17.2 | 15.1 | 15.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 16.5 | 14.9 | 15.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 15.7 | 14.4 | 15.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 16.5 | 13.6 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 15.1 | 14.1 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 15.8 | 15.0 | 15.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | --- | 15.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

10

15

20

25

30

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** | --- | --- | --- | 69 | 63 | 67 | 109 | 97 | 101 | 225 | 185 | 207 |
| **2** | --- | --- | --- | 74 | 65 | 68 | 111 | 108 | 109 | 238 | 219 | 226 |
| **3** | --- | --- | --- | 71 | 67 | 69 | 117 | 107 | 111 | 245 | 226 | 237 |
| **4** | --- | --- | --- | 69 | 68 | 69 | 116 | 106 | 110 | 239 | 222 | 232 |
| **5** | --- | --- | --- | 71 | 69 | 70 | 124 | 112 | 118 | 240 | 213 | 227 |
| **6** | --- | --- | --- | 73 | 70 | 71 | 127 | 120 | 123 | 217 | 201 | 207 |
| **7** | --- | --- | --- | 77 | 71 | 73 | 132 | 121 | 126 | 209 | 183 | 191 |
| **8** | --- | --- | --- | 77 | 73 | 76 | 130 | 120 | 123 | 195 | 172 | 181 |
| **9** | --- | --- | --- | 89 | 76 | 80 | 131 | 119 | 126 | 176 | 161 | 172 |
| **10** | --- | --- | --- | 92 | 84 | 89 | 121 | 118 | 119 | 170 | 159 | 162 |
| **11** | --- | --- | --- | 109 | 90 | 99 | 120 | 118 | 119 | 170 | 164 | 168 |
| **12** | --- | --- | --- | 109 | 94 | 102 | 137 | 119 | 127 | 178 | 161 | 167 |
| **13** | --- | --- | --- | 107 | 99 | 104 | 136 | 127 | 131 | 173 | 165 | 166 |
| **14** | --- | --- | --- | --- | --- | --- | 133 | 122 | 127 | 174 | 164 | 168 |
| **15** | --- | --- | --- | --- | --- | --- | 128 | 124 | 126 | 181 | 166 | 172 |
| **16** | --- | --- | --- | --- | --- | --- | 139 | 127 | 130 | 181 | 168 | 172 |
| **17** | --- | --- | --- | 103 | 97 | 99 | 151 | 129 | 137 | 184 | 145 | 161 |
| **18** | --- | --- | --- | 109 | 98 | 104 | 148 | 134 | 141 | 152 | 132 | 135 |
| **19** | --- | --- | --- | 109 | 105 | 107 | 159 | 148 | 154 | 154 | 132 | 145 |
| **20** | --- | --- | --- | 111 | 102 | 107 | 153 | 137 | 142 | 165 | 143 | 152 |
| **21** | --- | --- | --- | 109 | 101 | 103 | 162 | 146 | 157 | 168 | 134 | 150 |
| **22** | --- | --- | --- | 105 | 100 | 102 | 159 | 143 | 147 | 173 | 133 | 154 |
| **23** | --- | --- | --- | 102 | 100 | 101 | 181 | 147 | 164 | --- | --- | --- |
| **24** | --- | --- | --- | 102 | 100 | 101 | 166 | 146 | 158 | --- | --- | --- |
| **25** | --- | --- | --- | 102 | 100 | 101 | 173 | 146 | 157 | 173 | 153 | 167 |
| **26** | --- | --- | --- | 102 | 100 | 101 | 189 | 146 | 170 | 171 | 147 | 157 |
| **27** | --- | --- | --- | 106 | 101 | 102 | 186 | 180 | 183 | 161 | 141 | 152 |
| **28** | --- | --- | --- | 108 | 99 | 104 | 190 | 181 | 186 | --- | --- | --- |
| **29** | --- | --- | --- | 106 | 99 | 102 | 189 | 158 | 180 | --- | --- | --- |
| **30** | --- | --- | --- | 109 | 98 | 104 | 191 | 162 | 183 | --- | --- | --- |
| **31** | 76 | 65 | 69 | --- | --- | --- | 206 | 175 | 189 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 206 | 97 | 141 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 158 | 153 | 155 | 179 | 141 | 158 | 193 | 175 | 185 |
| **2** | --- | --- | --- | 163 | 158 | 160 | 173 | 161 | 169 | 197 | 188 | 194 |
| **3** | --- | --- | --- | 161 | 158 | 160 | 176 | 160 | 171 | 194 | 186 | 191 |
| **4** | --- | --- | --- | 167 | 152 | 158 | --- | --- | --- | 226 | 187 | 204 |
| **5** | --- | --- | --- | 164 | 160 | 162 | --- | --- | --- | 228 | 185 | 206 |
| **6** | --- | --- | --- | 160 | 155 | 158 | --- | --- | --- | 192 | 155 | 184 |
| **7** | --- | --- | --- | 169 | 155 | 159 | 168 | 155 | 163 | 186 | 146 | 167 |
| **8** | --- | --- | --- | 160 | 155 | 157 | 165 | 158 | 162 | 172 | 151 | 164 |
| **9** | --- | --- | --- | 160 | 156 | 158 | 166 | 156 | 161 | 172 | 155 | 166 |
| **10** | --- | --- | --- | 163 | 156 | 159 | 166 | 161 | 165 | 168 | 156 | 162 |
| **11** | --- | --- | --- | 173 | 161 | 166 | 164 | 159 | 161 | 160 | 139 | 150 |
| **12** | --- | --- | --- | 173 | 158 | 165 | 164 | 158 | 160 | 146 | 138 | 142 |
| **13** | --- | --- | --- | 181 | 165 | 172 | 163 | 161 | 162 | 152 | 144 | 148 |
| **14** | --- | --- | --- | 184 | 167 | 175 | 164 | 162 | 163 | --- | --- | --- |
| **15** | --- | --- | --- | 294 | 177 | 219 | --- | --- | --- | --- | --- | --- |
| **16** | 147 | 138 | 142 | 218 | 152 | 178 | --- | --- | --- | --- | --- | --- |
| **17** | 145 | 140 | 144 | 187 | 154 | 168 | --- | --- | --- | --- | --- | --- |
| **18** | 148 | 141 | 145 | 165 | 132 | 149 | --- | --- | --- | 161 | 153 | 156 |
| **19** | 148 | 144 | 146 | 148 | 129 | 140 | 169 | 165 | 166 | 159 | 155 | 157 |
| **20** | 147 | 143 | 145 | 147 | 126 | 138 | 167 | 166 | 166 | 157 | 155 | 156 |
| **21** | 144 | 143 | 144 | 149 | 132 | 141 | 166 | 166 | 166 | 157 | 155 | 156 |
| **22** | 144 | 142 | 143 | 151 | 133 | 140 | 169 | 166 | 166 | 159 | 156 | 158 |
| **23** | 146 | 142 | 144 | 142 | 133 | 138 | 170 | 168 | 169 | 159 | 157 | 158 |
| **24** | 152 | 143 | 149 | 143 | 135 | 138 | 174 | 170 | 172 | 160 | 158 | 159 |
| **25** | 162 | 149 | 154 | 137 | 133 | 135 | 172 | 168 | 171 | 160 | 159 | 159 |
| **26** | 159 | 154 | 157 | 137 | 133 | 135 | 175 | 170 | 171 | 162 | 159 | 161 |
| **27** | 158 | 150 | 155 | 141 | 133 | 135 | 199 | 173 | 186 | 176 | 160 | 167 |
| **28** | 156 | 149 | 156 | 136 | 134 | 135 | 199 | 174 | 190 | 201 | 176 | 188 |
| **29** | --- | --- | --- | 139 | 136 | 137 | 186 | 175 | 180 | 196 | 177 | 186 |
| **30** | --- | --- | --- | 162 | 136 | 143 | 185 | 176 | 180 | 187 | 163 | 178 |
| **31** | --- | --- | --- | 159 | 141 | 148 | --- | --- | --- | 178 | 150 | 157 |
| **Month** | --- | --- | --- | 294 | 126 | 154 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 172 | 154 | 166 | 182 | 179 | 180 | 140 | 133 | 135 | 184 | 171 | 179 |
| **2** | 171 | 158 | 167 | 182 | 179 | 181 | 145 | 139 | 141 | 189 | 170 | 179 |
| **3** | 167 | 159 | 163 | 185 | 179 | 181 | 149 | 138 | 142 | 180 | 173 | 175 |
| **4** | 159 | 147 | 154 | 185 | 182 | 182 | 149 | 137 | 144 | 191 | 173 | 182 |
| **5** | 163 | 149 | 155 | 185 | 182 | 184 | 139 | 135 | 137 | 185 | 171 | 175 |
| **6** | 163 | 155 | 160 | 184 | 136 | 177 | 143 | 138 | 141 | 206 | 178 | 191 |
| **7** | 155 | --- | --- | 178 | 168 | 175 | 145 | 139 | 143 | 205 | 180 | 189 |
| **8** | 152 | 150 | 151 | 173 | 169 | 171 | 145 | 137 | 142 | 198 | 184 | 190 |
| **9** | 157 | 150 | 152 | 172 | 160 | 165 | 147 | 140 | 144 | 202 | 192 | 196 |
| **10** | 158 | 152 | 156 | 165 | 162 | 163 | 151 | 142 | 146 | 214 | 188 | 199 |
| **11** | 157 | 154 | 156 | 166 | 161 | 163 | 150 | 145 | 147 | 205 | 191 | 200 |
| **12** | 156 | 153 | 154 | 166 | 163 | 164 | 154 | 149 | 150 | 206 | 199 | 202 |
| **13** | 158 | 153 | 155 | 170 | 160 | 164 | 164 | 152 | 156 | 210 | 195 | 201 |
| **14** | 158 | 154 | 156 | 163 | 160 | 161 | 165 | 150 | 160 | 209 | 195 | 200 |
| **15** | 159 | 155 | 157 | 163 | 158 | 161 | 157 | 148 | 151 | 213 | 195 | 204 |
| **16** | 159 | 155 | 156 | 161 | 158 | 159 | 161 | 146 | 155 | 208 | 195 | 200 |
| **17** | 161 | 156 | 159 | 162 | 157 | 160 | 155 | 150 | 152 | 209 | 197 | 203 |
| **18** | 170 | 159 | 164 | 164 | 158 | 162 | 154 | 150 | 152 | 202 | 197 | 198 |
| **19** | 187 | 161 | 170 | 165 | 151 | 158 | 156 | 151 | 153 | 202 | 197 | 198 |
| **20** | 184 | 167 | 177 | 155 | 140 | 145 | 178 | 153 | 164 | 204 | 199 | 201 |
| **21** | 184 | 176 | 179 | 148 | 132 | 139 | 180 | 157 | 164 | 207 | 203 | 205 |
| **22** | 188 | 177 | 183 | 148 | 120 | 133 | 171 | 157 | 163 | 208 | 205 | 206 |
| **23** | 183 | 179 | 181 | 132 | 122 | 128 | 167 | 154 | 159 | 209 | 206 | 208 |
| **24** | 194 | 179 | 186 | 131 | 126 | 128 | 172 | 158 | 163 | 208 | 204 | 206 |
| **25** | 193 | 180 | 187 | 135 | 129 | 131 | 161 | 157 | 159 | 209 | 204 | 207 |
| **26** | 191 | 185 | 189 | 138 | 134 | 135 | 171 | 156 | 162 | 208 | 203 | 206 |
| **27** | 187 | 184 | 185 | 138 | 136 | 137 | 173 | 168 | 171 | 212 | 205 | 208 |
| **28** | 188 | 183 | 186 | 138 | 134 | 136 | 176 | 167 | 173 | 213 | 205 | 208 |
| **29** | 188 | 179 | 184 | 138 | 131 | 134 | 175 | 173 | 174 | 213 | 205 | 207 |
| **30** | 184 | 177 | 181 | 139 | 132 | 136 | 184 | 174 | 178 | 210 | 205 | 208 |
| **31** | --- | --- | --- | 139 | 134 | 136 | 186 | 179 | 182 | --- | --- | --- |
| **Month** | 194 | --- | --- | 185 | 120 | 156 | 186 | 133 | 155 | 214 | 170 | 198 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

50

100

150

200

250

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** | 210 | 204 | 206 | --- | --- | --- | 211 | 210 | 211 | 226 | 209 | 215 |
| **2** | 210 | 204 | 206 | --- | --- | --- | 211 | 208 | 210 | 219 | 212 | 214 |
| **3** | 210 | 205 | 207 | 209 | 184 | 197 | 208 | 200 | 205 | 227 | 214 | 220 |
| **4** | 210 | 207 | 209 | 208 | 189 | 197 | 207 | 203 | 205 | 221 | 216 | 218 |
| **5** | 214 | 208 | 211 | 208 | 204 | 206 | 207 | 205 | 206 | 219 | 213 | 216 |
| **6** | 212 | 203 | 207 | 204 | 194 | 200 | 208 | 205 | 207 | 223 | 218 | 220 |
| **7** | 213 | 205 | 208 | 202 | 196 | 200 | 208 | 202 | 205 | 224 | 217 | 222 |
| **8** | 216 | 207 | 212 | 205 | 201 | 204 | 203 | 198 | 202 | 225 | 219 | 222 |
| **9** | 221 | 209 | 217 | 206 | 201 | 203 | 202 | 198 | 199 | 237 | 217 | 227 |
| **10** | 217 | 206 | 209 | 202 | 201 | 202 | 201 | 199 | 200 | 227 | 221 | 224 |
| **11** | 227 | --- | --- | 201 | 199 | 200 | 203 | 195 | 199 | 230 | 223 | 226 |
| **12** | 230 | 210 | 219 | 201 | 199 | 200 | 203 | 196 | 197 | 229 | 222 | 225 |
| **13** | 214 | 211 | 213 | 201 | 199 | 200 | 203 | 195 | 200 | 234 | 221 | 227 |
| **14** | 227 | 212 | 221 | 202 | 200 | 202 | 202 | 196 | 198 | 233 | 221 | 227 |
| **15** | 226 | 215 | 220 | 204 | 201 | 203 | 205 | 198 | 201 | 233 | 223 | 228 |
| **16** | 261 | 221 | 239 | 205 | 203 | 204 | 206 | 201 | 203 | 234 | 217 | 225 |
| **17** | 276 | 237 | 260 | 204 | 202 | 204 | 204 | 200 | 202 | 241 | 221 | 232 |
| **18** | 242 | 222 | 227 | 203 | 200 | 202 | 204 | 200 | 202 | 232 | 220 | 224 |
| **19** | 222 | 198 | 213 | 203 | 202 | 202 | 205 | 203 | 204 | 262 | 217 | 231 |
| **20** | 229 | 210 | 222 | 208 | 197 | 201 | 217 | 198 | 204 | 256 | 247 | 251 |
| **21** | 224 | 212 | 217 | 225 | 208 | 215 | 215 | 205 | 209 | 258 | 242 | 249 |
| **22** | 223 | 210 | 217 | 233 | 215 | 225 | 213 | 203 | 206 | 262 | 244 | 253 |
| **23** | 224 | 216 | 220 | 235 | 228 | 231 | 218 | 202 | 209 | 265 | 250 | 259 |
| **24** | 217 | 199 | 214 | 229 | 211 | 223 | 220 | 210 | 217 | 252 | 208 | 236 |
| **25** | 216 | 208 | 214 | 218 | 211 | 215 | 217 | 207 | 211 | 250 | 226 | 238 |
| **26** | 213 | 192 | 203 | 213 | 207 | 210 | 212 | 207 | 209 | 234 | 223 | 229 |
| **27** | 203 | 188 | 194 | 211 | 208 | 210 | 218 | 211 | 214 | 225 | 214 | 220 |
| **28** | 207 | 182 | 200 | 212 | 210 | 211 | 216 | 211 | 214 | 227 | 220 | 225 |
| **29** | 207 | 181 | 200 | 212 | 210 | 211 | 224 | 211 | 216 | 226 | 215 | 219 |
| **30** | 206 | 189 | 198 | 211 | 209 | 210 | 219 | 214 | 217 | 228 | 210 | 220 |
| **31** | --- | --- | --- | --- | --- | --- | 216 | 210 | 212 | 222 | 213 | 215 |
| **Month** | --- | --- | --- | --- | --- | --- | 224 | 195 | 206 | 265 | 208 | 228 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 232 | 213 | 226 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 231 | 215 | 226 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 225 | 210 | 220 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 218 | 209 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 215 | 205 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 223 | 201 | 211 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 220 | 199 | 206 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 220 | 204 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 218 | 204 | 207 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 221 | 203 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 223 | 203 | 216 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 220 | 206 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 215 | 205 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 213 | 208 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 209 | 208 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 213 | 208 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

190

200

210

220

230

240

250

260

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** | --- | --- | 6.8 | 6.6 | 7.4 | 7.2 | 7.6 | 7.4 | --- | --- | 7.6 | 7.5 |
| **2** | --- | --- | 6.9 | 6.6 | 7.3 | 7.2 | 7.6 | 7.5 | --- | --- | 7.6 | 7.5 |
| **3** | --- | --- | 6.9 | 6.7 | 7.4 | 7.2 | 7.7 | 7.5 | --- | --- | 7.6 | 7.5 |
| **4** | --- | --- | 6.9 | 6.7 | 7.6 | 7.2 | 7.7 | 7.6 | --- | --- | 7.6 | 7.5 |
| **5** | --- | --- | 6.9 | 6.8 | 7.6 | 7.3 | 7.8 | 7.6 | --- | --- | 7.7 | 7.6 |
| **6** | --- | --- | 7.0 | 6.9 | 7.5 | 7.4 | 7.6 | 7.5 | --- | --- | 7.7 | 7.5 |
| **7** | --- | --- | 7.0 | 6.8 | 7.5 | 7.4 | 7.6 | 7.4 | --- | --- | 7.6 | 7.5 |
| **8** | --- | --- | 7.0 | 6.8 | 7.5 | 7.4 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **9** | --- | --- | 7.0 | 6.9 | 7.6 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.6 |
| **10** | --- | --- | 7.0 | 7.0 | 7.4 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.4 |
| **11** | --- | --- | 7.1 | 6.9 | 7.6 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.5 |
| **12** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **13** | --- | --- | 7.2 | 7.0 | 7.4 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **14** | --- | --- | --- | --- | 7.6 | 7.4 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **15** | --- | --- | --- | --- | 7.5 | 7.3 | 7.6 | 7.5 | --- | --- | 7.8 | 7.5 |
| **16** | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.5 | 7.6 | 7.5 | 7.5 | 7.2 |
| **17** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.6 | 7.4 | 7.7 | 7.5 | 7.4 | 7.2 |
| **18** | --- | --- | 7.3 | 7.0 | 7.5 | 7.3 | 7.4 | 7.3 | 7.6 | 7.4 | 7.4 | 7.3 |
| **19** | --- | --- | 7.2 | 7.0 | 7.6 | 7.4 | 7.5 | 7.3 | 7.5 | 7.5 | 7.3 | 7.2 |
| **20** | --- | --- | 7.2 | 7.1 | 7.5 | 7.3 | 7.5 | 7.4 | 7.5 | 7.5 | 7.3 | 7.2 |
| **21** | --- | --- | 7.1 | 7.0 | 7.5 | 7.3 | 7.5 | 7.3 | 7.6 | 7.5 | 7.3 | 7.2 |
| **22** | --- | --- | 7.2 | 7.0 | 7.4 | 7.3 | 7.6 | 7.3 | 7.6 | 7.4 | 7.3 | 7.2 |
| **23** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | --- | --- | 7.7 | 7.6 | 7.2 | 7.2 |
| **24** | --- | --- | 7.2 | 7.0 | 7.4 | 7.3 | --- | --- | 7.6 | 7.6 | 7.2 | 7.2 |
| **25** | --- | --- | 7.2 | 7.0 | 7.5 | 7.3 | 7.6 | 7.4 | 7.7 | 7.5 | 7.2 | 7.2 |
| **26** | --- | --- | 7.2 | 7.0 | 7.6 | 7.3 | 7.4 | 7.3 | 7.6 | 7.5 | 7.2 | 7.2 |
| **27** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | 7.4 | 7.3 | 7.6 | 7.5 | 7.3 | 7.2 |
| **28** | --- | --- | 7.2 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 | 7.3 | 7.2 |
| **29** | --- | --- | 7.2 | 7.2 | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.3 |
| **30** | --- | --- | 7.3 | 7.2 | 7.8 | 7.5 | --- | --- | --- | --- | 7.6 | 7.4 |
| **31** | 6.8 | 6.7 | --- | --- | 7.6 | 7.5 | --- | --- | --- | --- | 7.6 | 7.5 |
| **Month** | --- | --- | --- | --- | 7.8 | 7.2 | --- | --- | --- | --- | 7.8 | 7.2 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.6 | 7.5 | 7.7 | 7.4 | 8.9 | 7.3 | 8.3 | 7.9 | 8.4 | 8.0 | 7.9 | 7.6 |
| **2** | 7.6 | 7.5 | 7.6 | 7.4 | 9.5 | 7.8 | 8.0 | 7.8 | 9.3 | 8.0 | 7.8 | 7.6 |
| **3** | 7.6 | 7.1 | 7.5 | 7.4 | 9.0 | 8.1 | 8.4 | 7.7 | 9.1 | 8.0 | 8.9 | 7.7 |
| **4** | --- | --- | 7.6 | 7.4 | 9.2 | 7.6 | 8.1 | 7.6 | 9.0 | 8.2 | 8.6 | 7.5 |
| **5** | --- | --- | 7.6 | 7.3 | 9.0 | 7.5 | 8.6 | 7.4 | 8.6 | 7.7 | 8.0 | 7.6 |
| **6** | --- | --- | 7.4 | 7.1 | 8.7 | 7.4 | 7.6 | 7.4 | 8.0 | 7.4 | 8.8 | 7.7 |
| **7** | 7.6 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 8.6 | 7.3 | 7.7 | 7.3 | 9.1 | 7.8 |
| **8** | 7.7 | 7.1 | 7.3 | 7.2 | 7.2 | 7.1 | 8.6 | 7.5 | 7.8 | 7.3 | 9.2 | 8.0 |
| **9** | 7.5 | 7.0 | 7.3 | 7.2 | 7.5 | 7.1 | 8.1 | 7.5 | 8.0 | 7.2 | 9.1 | 8.4 |
| **10** | 7.6 | 7.1 | 7.5 | 7.2 | 8.3 | 7.2 | 8.4 | 7.5 | 9.2 | 7.3 | 9.4 | 8.3 |
| **11** | 7.3 | 7.3 | 8.6 | 7.3 | 8.5 | 7.2 | 8.3 | 7.5 | 9.0 | 7.9 | 9.1 | 8.1 |
| **12** | 7.4 | 7.3 | 8.6 | 7.3 | 8.6 | 7.3 | 8.1 | 7.6 | 8.9 | 7.7 | 8.4 | 7.6 |
| **13** | 7.4 | 7.3 | 8.3 | 7.1 | 8.5 | 7.3 | 8.9 | 7.6 | 8.1 | 7.5 | 8.5 | 7.9 |
| **14** | 7.4 | 7.3 | --- | --- | 8.4 | 7.4 | 8.5 | 7.7 | 8.1 | 7.6 | 9.4 | 8.2 |
| **15** | --- | --- | --- | --- | 8.3 | 7.5 | 8.0 | 7.8 | 7.7 | 7.4 | 9.2 | 8.7 |
| **16** | --- | --- | --- | --- | 7.7 | 7.3 | 8.2 | 7.6 | 7.5 | 7.4 | 9.4 | 8.5 |
| **17** | --- | --- | --- | --- | 7.3 | 7.2 | 8.7 | 7.6 | 7.5 | 7.3 | 9.3 | 8.8 |
| **18** | --- | --- | 7.4 | 7.2 | --- | --- | 8.2 | 7.6 | 7.7 | 7.4 | 9.2 | 8.5 |
| **19** | 7.8 | 7.3 | 7.6 | 7.3 | 8.2 | --- | 8.3 | 7.6 | 8.0 | 7.5 | 9.2 | 8.6 |
| **20** | 8.1 | 7.5 | 7.5 | 7.3 | 8.9 | 7.7 | 7.8 | 7.5 | 8.7 | 7.7 | 9.3 | 8.8 |
| **21** | 8.0 | 7.5 | 7.4 | 7.3 | 8.7 | 7.8 | 8.0 | 7.3 | 9.0 | 7.9 | 9.5 | 8.8 |
| **22** | 7.6 | 7.4 | 7.4 | 7.3 | 8.5 | 7.7 | 7.8 | 7.4 | 8.9 | 8.1 | 9.1 | 8.4 |
| **23** | 7.6 | 7.4 | 7.4 | 7.2 | 8.3 | 7.8 | 7.7 | 7.5 | 8.9 | 8.0 | 8.5 | 8.0 |
| **24** | 7.5 | 7.4 | 7.4 | 7.3 | 8.0 | 7.4 | 7.9 | 7.6 | 9.2 | 8.1 | 9.5 | 7.9 |
| **25** | 7.6 | 7.4 | 7.5 | 7.3 | 7.9 | 7.5 | 8.3 | 7.8 | 8.6 | 8.1 | 9.4 | 9.0 |
| **26** | 7.8 | 7.4 | 7.4 | 7.3 | 7.6 | 7.6 | 8.5 | 7.7 | 8.9 | 8.2 | 9.5 | 8.7 |
| **27** | 7.7 | 7.5 | 7.7 | 7.3 | 7.9 | 7.6 | 7.8 | 7.4 | 9.1 | 8.5 | 9.4 | 8.9 |
| **28** | 8.5 | 7.5 | 7.5 | 7.4 | 8.1 | 7.7 | 7.9 | 7.4 | 9.1 | 8.5 | 9.1 | 8.7 |
| **29** | 8.5 | 7.5 | 7.9 | 7.2 | 8.2 | 7.7 | 8.2 | 7.5 | 8.9 | 8.2 | 8.8 | 8.2 |
| **30** | 8.4 | 7.5 | 8.2 | 7.4 | 8.5 | 7.7 | 8.3 | 7.7 | 8.9 | 7.7 | 8.6 | 7.9 |
| **31** | --- | --- | 8.4 | 7.4 | --- | --- | 8.4 | 7.8 | 8.6 | 7.7 | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 8.9 | 7.3 | 9.3 | 7.2 | 9.5 | 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** | 9.4 | 8.4 | --- | --- | 8.6 | 8.0 | 8.1 | 7.8 | 7.9 | 7.5 | --- | --- |
| **2** | 10.0 | 8.4 | --- | --- | 8.0 | 7.6 | 8.1 | 7.8 | 8.1 | 7.6 | --- | --- |
| **3** | 10.0 | 9.1 | 9.6 | 8.8 | 7.8 | 7.6 | 8.0 | 7.9 | 7.7 | 7.6 | --- | --- |
| **4** | 9.9 | 9.4 | 9.7 | 9.1 | 7.8 | 7.6 | 7.9 | 7.8 | 7.6 | 7.5 | --- | --- |
| **5** | 9.5 | 8.5 | 9.5 | 9.3 | 7.8 | 7.6 | 7.9 | 7.7 | 7.6 | 7.5 | --- | --- |
| **6** | 9.2 | 8.3 | 9.3 | 8.9 | 7.8 | 7.7 | 7.9 | 7.7 | 7.9 | 7.6 | --- | --- |
| **7** | 8.8 | 8.3 | 8.9 | 8.0 | 8.5 | 7.5 | 7.8 | 7.7 | 7.7 | 7.6 | --- | --- |
| **8** | 8.7 | 8.2 | 8.2 | 7.7 | 7.8 | 7.5 | 7.8 | 7.7 | 7.8 | 7.6 | --- | --- |
| **9** | 8.7 | 8.4 | 8.3 | 7.6 | 7.8 | 7.5 | 8.1 | 7.7 | 8.2 | 7.6 | --- | --- |
| **10** | 8.7 | 8.1 | 8.4 | 7.9 | 8.8 | 7.5 | 7.9 | 7.7 | 8.5 | 7.8 | --- | --- |
| **11** | 9.5 | --- | 8.2 | 7.8 | 7.7 | 7.4 | 8.1 | 7.6 | 8.5 | 7.8 | --- | --- |
| **12** | 9.4 | 8.4 | 8.5 | 7.7 | 7.6 | 7.4 | 7.8 | 7.6 | 7.9 | 7.6 | --- | --- |
| **13** | 9.2 | 8.5 | 8.2 | 7.9 | 7.7 | 7.4 | 8.0 | 7.7 | 8.2 | 7.7 | --- | --- |
| **14** | 8.9 | 8.4 | 8.1 | 7.7 | 7.4 | 7.4 | 8.4 | 7.7 | 7.9 | 7.7 | --- | --- |
| **15** | 8.8 | 8.2 | 7.8 | 7.6 | 7.6 | 7.4 | 8.6 | 7.9 | 7.8 | 7.7 | --- | --- |
| **16** | 9.1 | 8.2 | 9.5 | 7.6 | 7.8 | 7.5 | 8.3 | 7.8 | 7.9 | 7.7 | --- | --- |
| **17** | 9.0 | 8.5 | 9.2 | 8.7 | 7.8 | 7.5 | 8.6 | 7.8 | \*--- | \*--- | --- | --- |
| **18** | 8.6 | 8.0 | 9.0 | 8.6 | 8.2 | 7.5 | 7.9 | 7.8 | --- | --- | --- | --- |
| **19** | 9.1 | 7.9 | 9.2 | 8.7 | 8.4 | 7.5 | 8.3 | 7.8 | --- | --- | --- | --- |
| **20** | 9.2 | 8.6 | 9.1 | 8.3 | 8.2 | 7.6 | 8.4 | 8.1 | --- | --- | --- | --- |
| **21** | 9.1 | 8.7 | 8.5 | 8.2 | 8.1 | 7.7 | 8.3 | 8.0 | --- | --- | --- | --- |
| **22** | 9.2 | 8.6 | 8.3 | 7.9 | 8.2 | 7.6 | 8.6 | 8.0 | --- | --- | --- | --- |
| **23** | 9.2 | 8.6 | 7.9 | 7.8 | 8.4 | 7.6 | 8.3 | 8.0 | --- | --- | --- | --- |
| **24** | 9.3 | 8.5 | 7.9 | 7.8 | 8.4 | 7.9 | 8.2 | 7.7 | --- | --- | --- | --- |
| **25** | 9.5 | 8.6 | 7.8 | 7.7 | 8.5 | 7.9 | 7.9 | 7.8 | --- | --- | --- | --- |
| **26** | 9.2 | 8.6 | 8.4 | 7.5 | 8.3 | 7.7 | 8.3 | 7.7 | --- | --- | --- | --- |
| **27** | 9.1 | 8.7 | 7.8 | 7.5 | 8.1 | 7.8 | 7.8 | 7.7 | --- | --- | --- | --- |
| **28** | 8.9 | 8.7 | 8.1 | 7.6 | 8.2 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **29** | 9.0 | 8.7 | 8.4 | 7.8 | 7.9 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **30** | 9.0 | 8.8 | 8.3 | 7.7 | 8.2 | 7.7 | 7.7 | 7.6 | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | 8.1 | 7.6 | 7.7 | 7.5 | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | 8.8 | 7.4 | 8.6 | 7.5 | --- | --- | --- | --- |

| **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** | --- | --- | --- | 4.0 | 3.5 | 3.8 | 8.4 | 7.7 | 8.0 | 10.3 | 9.5 | 9.8 |
| **2** | --- | --- | --- | 4.0 | 3.5 | 3.7 | 8.3 | 8.0 | 8.2 | 10.1 | 9.7 | 9.9 |
| **3** | --- | --- | --- | --- | --- | --- | 9.3 | 8.1 | 8.8 | 10.0 | 9.0 | 9.5 |
| **4** | --- | --- | --- | --- | --- | --- | 9.5 | 8.5 | 8.9 | 9.6 | 8.8 | 9.3 |
| **5** | --- | --- | --- | --- | --- | --- | 9.6 | 8.7 | 9.1 | 10.1 | 8.5 | 9.3 |
| **6** | --- | --- | --- | --- | --- | --- | 9.3 | 8.6 | 8.8 | 9.8 | 8.8 | 9.3 |
| **7** | --- | --- | --- | --- | --- | --- | 9.4 | 8.6 | 8.9 | 9.4 | 8.0 | 9.0 |
| **8** | --- | --- | --- | --- | --- | --- | 9.2 | 8.9 | 9.0 | 9.7 | 9.1 | 9.3 |
| **9** | --- | --- | --- | --- | --- | --- | 9.6 | 9.0 | 9.1 | 9.8 | 8.7 | 9.2 |
| **10** | --- | --- | --- | --- | --- | --- | 9.5 | 8.8 | 8.9 | 9.6 | 8.8 | 9.2 |
| **11** | --- | --- | --- | --- | --- | --- | 9.5 | 8.8 | 9.1 | 9.6 | 9.0 | 9.2 |
| **12** | --- | --- | --- | --- | --- | --- | 10.0 | 9.0 | 9.2 | 9.7 | 8.9 | 9.4 |
| **13** | --- | --- | --- | --- | --- | --- | 10.1 | 9.2 | 9.5 | 9.7 | 8.8 | 9.3 |
| **14** | --- | --- | --- | --- | --- | --- | 10.5 | 9.9 | 10.2 | 9.8 | 8.3 | 9.3 |
| **15** | --- | --- | --- | --- | --- | --- | 10.3 | 9.7 | 10 | 10.2 | 8.6 | 9.7 |
| **16** | --- | --- | --- | --- | --- | --- | 9.8 | 9.3 | 9.5 | 10.8 | 9.3 | 10.2 |
| **17** | --- | --- | --- | 8.6 | 7.5 | 7.8 | 9.9 | 9.2 | 9.6 | 10.8 | 9.9 | 10.6 |
| **18** | --- | --- | --- | 8.6 | 7.6 | 8.0 | 9.8 | 9.4 | 9.6 | 11.0 | 10.5 | 10.7 |
| **19** | --- | --- | --- | 8.3 | 7.4 | 7.7 | 10.0 | 9.4 | 9.6 | 11.3 | 10.7 | 11.0 |
| **20** | --- | --- | --- | 8.0 | 7.5 | 7.8 | 9.6 | 9.3 | 9.5 | 10.9 | 10.3 | 10.6 |
| **21** | --- | --- | --- | 9.0 | 7.5 | 8.0 | 9.7 | 9.2 | 9.4 | --- | --- | --- |
| **22** | --- | --- | --- | 8.7 | 7.5 | 7.8 | 9.4 | 9.0 | 9.2 | --- | --- | --- |
| **23** | --- | --- | --- | 8.5 | 7.6 | 8.0 | 9.2 | 9.0 | 9.1 | --- | --- | --- |
| **24** | --- | --- | --- | 8.5 | 7.6 | 7.9 | 9.5 | 9.0 | 9.3 | --- | --- | --- |
| **25** | --- | --- | --- | 8.5 | 7.5 | 7.8 | 9.6 | 9.1 | 9.4 | --- | --- | --- |
| **26** | --- | --- | --- | 8.5 | 7.4 | 7.7 | 10.1 | 9.2 | 9.6 | 9.8 | 9.2 | 9.4 |
| **27** | --- | --- | --- | 8.5 | 7.6 | 7.8 | 10.0 | 9.4 | 9.7 | 9.7 | 8.7 | 9.2 |
| **28** | --- | --- | --- | 8.8 | 7.8 | 8.1 | 10.1 | 9.4 | 9.7 | --- | --- | --- |
| **29** | --- | --- | --- | 8.5 | 7.6 | 8.0 | 10.0 | 9.6 | 9.8 | --- | --- | --- |
| **30** | --- | --- | --- | 7.9 | 7.3 | 7.6 | 10.2 | 9.7 | 9.9 | --- | --- | --- |
| **31** | 4.5 | 4.0 | 4.3 | --- | --- | --- | 9.8 | 9.5 | 9.7 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 10.5 | 7.7 | 9.3 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 8.8 | 8.4 | 8.6 | 7.2 | 6.0 | 6.4 | 7.7 | 6.2 | 7.3 |
| **2** | --- | --- | --- | 9.0 | 8.3 | 8.6 | 7.4 | 5.4 | 6.2 | 7.4 | 5.8 | 7.0 |
| **3** | --- | --- | --- | 8.6 | 8.2 | 8.4 | 7.5 | 5.5 | 6.4 | 7.2 | 6.0 | 6.8 |
| **4** | --- | --- | --- | 8.9 | 8.2 | 8.5 | 8.3 | 6.1 | 6.8 | 7.2 | 6.4 | 6.9 |
| **5** | --- | --- | --- | 9.1 | 8.1 | 8.7 | --- | --- | --- | 6.9 | 5.4 | 6.6 |
| **6** | --- | --- | --- | 9.1 | 8.2 | 8.6 | --- | --- | --- | 6.6 | 5.8 | 6.4 |
| **7** | --- | --- | --- | 9.3 | 8.0 | 8.5 | 7.6 | 7.0 | 7.4 | 6.7 | 5.2 | 6.2 |
| **8** | --- | --- | --- | 9.2 | 8.0 | 8.4 | 8.0 | 7.6 | 7.7 | 6.8 | 5.3 | 6.1 |
| **9** | --- | --- | --- | 9.1 | 7.7 | 8.4 | 8.2 | 7.5 | 7.7 | 6.7 | 5.1 | 6.1 |
| **10** | --- | --- | --- | 8.5 | 7.6 | 8.0 | 8.2 | 7.3 | 7.6 | --- | --- | --- |
| **11** | --- | --- | --- | 8.3 | 7.4 | 7.8 | 8.0 | 7.2 | 7.5 | 9.7 | 5.7 | 7.1 |
| **12** | --- | --- | --- | 8.7 | 7.4 | 8.1 | 7.9 | 7.3 | 7.6 | 9.8 | 6.6 | 7.8 |
| **13** | --- | --- | --- | 8.2 | 7.2 | 7.5 | 7.9 | 7.8 | 7.8 | 8.6 | 5.6 | 7.6 |
| **14** | --- | --- | --- | 8.4 | 7.1 | 7.6 | 8.2 | 7.8 | 7.9 | --- | --- | --- |
| **15** | --- | --- | --- | 8.4 | 7.0 | 7.5 | --- | --- | --- | --- | --- | --- |
| **16** | 10.5 | 9.6 | 9.9 | 7.3 | 5.8 | 6.5 | --- | --- | --- | --- | --- | --- |
| **17** | 10.4 | 9.8 | 10.1 | 6.4 | 5.6 | 6.0 | --- | --- | --- | --- | --- | --- |
| **18** | 10.6 | 9.8 | 10.1 | 6.5 | 5.7 | 6.1 | --- | --- | --- | 6.7 | 5.1 | 5.8 |
| **19** | 10.1 | 9.8 | 9.9 | 6.5 | 6.1 | 6.3 | 8.9 | 7.6 | 8.0 | 7.6 | 6.0 | 6.7 |
| **20** | 10.2 | 9.7 | 9.9 | 6.6 | 6.2 | 6.4 | 9.3 | 8.0 | 8.4 | 7.1 | 6.1 | 6.6 |
| **21** | 10.2 | 9.7 | 9.9 | 6.9 | 6.2 | 6.5 | 9.1 | 8.0 | 8.3 | 6.8 | 6.2 | 6.5 |
| **22** | 10.4 | 9.8 | 10 | 6.5 | 5.9 | 6.2 | 8.3 | 7.8 | 8.1 | 7.0 | 6.0 | 6.5 |
| **23** | 10.0 | 9.5 | 9.8 | 6.6 | 5.9 | 6.2 | 8.2 | 7.5 | 7.9 | 7.1 | 6.2 | 6.7 |
| **24** | 9.6 | 9.2 | 9.4 | 6.8 | 5.9 | 6.3 | 7.7 | 7.2 | 7.5 | 7.8 | 6.7 | 7.2 |
| **25** | 9.9 | 9.1 | 9.4 | 6.6 | 5.7 | 6.2 | 7.8 | 7.4 | 7.7 | 7.9 | 7.0 | 7.5 |
| **26** | 9.5 | 8.9 | 9.2 | 6.5 | 5.5 | 6.0 | 8.2 | 7.4 | 7.8 | 7.6 | 7.0 | 7.3 |
| **27** | 9.6 | 8.8 | 9.2 | 6.4 | 5.6 | 6.0 | 8.0 | 7.5 | 7.7 | 8.8 | 6.9 | 7.8 |
| **28** | 9.3 | 8.6 | 8.9 | 7.0 | 5.6 | 6.0 | 9.9 | 6.7 | 8.1 | 8.3 | 6.9 | 7.4 |
| **29** | --- | --- | --- | 7.3 | 6.2 | 6.4 | 9.9 | 7.4 | 8.6 | 10.2 | 6.5 | 7.8 |
| **30** | --- | --- | --- | 6.5 | 5.9 | 6.3 | 9.3 | 7.1 | 8.2 | 11.6 | 7.5 | 9.2 |
| **31** | --- | --- | --- | 6.5 | 6.0 | 6.3 | --- | --- | --- | 13.1 | 8.1 | 10.4 |
| **Month** | --- | --- | --- | 9.3 | 5.5 | 7.2 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 11.2 | 6.1 | 9.3 | 8.7 | 7.0 | 7.6 | 9.8 | 5.6 | 8.0 | --- | --- | --- |
| **2** | 13.4 | 7.7 | 9.5 | 7.2 | 6.4 | 6.8 | 11.6 | 4.6 | 7.8 | --- | --- | --- |
| **3** | 9.8 | 8.1 | 8.8 | --- | --- | --- | 10.0 | 7.2 | 8.7 | --- | --- | --- |
| **4** | 13.2 | 6.8 | 9.2 | --- | --- | --- | 9.9 | 7.2 | 8.5 | 9.5 | 4.8 | 7.3 |
| **5** | 12.9 | 6.7 | 9.9 | 9.9 | --- | --- | 8.9 | 6.7 | 7.7 | 8.6 | 7.1 | 7.9 |
| **6** | 10.7 | 7.2 | 8.6 | 7.1 | 6.2 | 6.7 | 8.5 | 6.0 | 7.1 | 9.5 | 7.2 | 8.3 |
| **7** | 7.5 | 5.8 | 6.5 | 12.1 | 6.1 | 7.6 | 8.8 | 5.4 | 6.8 | 11.6 | 6.3 | 8.5 |
| **8** | 6.8 | 5.8 | 6.3 | 10.8 | 7.0 | 8.3 | 9.6 | 5.7 | 7.0 | 13.2 | 7.1 | 9.2 |
| **9** | 7.7 | 5.7 | 6.4 | 9.0 | 7.4 | 8.1 | 8.4 | 4.5 | 6.6 | 11.9 | 8.1 | 9.7 |
| **10** | 11.9 | 6.1 | 8.2 | 10.2 | 7.5 | 8.4 | 10.5 | 6.0 | 8.3 | --- | --- | --- |
| **11** | 12.8 | 5.2 | 9.2 | 12.1 | 6.8 | 8.4 | 10.0 | 6.6 | 8.5 | --- | --- | --- |
| **12** | 13.4 | 6.3 | 9.4 | 10.7 | 6.4 | 8.6 | 9.0 | 6.3 | 7.6 | --- | --- | --- |
| **13** | 10.8 | 5.4 | 8.1 | 9.3 | 5.9 | 7.4 | 9.5 | 5.7 | 7.3 | --- | --- | --- |
| **14** | 9.3 | 5.5 | 7.0 | --- | --- | --- | 9.5 | 6.2 | 7.7 | --- | --- | --- |
| **15** | 7.5 | 4.9 | 6.1 | --- | --- | --- | 7.7 | 6.4 | 7.1 | 11.3 | 8.5 | 10.1 |
| **16** | 6.4 | 5.1 | 5.8 | --- | --- | --- | 7.2 | 4.1 | 5.3 | 12.5 | 7.5 | 9.5 |
| **17** | 5.8 | 4.7 | 5.5 | --- | --- | --- | 6.1 | 3.5 | 4.9 | 10.8 | 8.2 | 9.3 |
| **18** | --- | --- | --- | 8.6 | 6.2 | 7.4 | 7.8 | 4.7 | 6.3 | 10.6 | 7.1 | 8.6 |
| **19** | --- | --- | --- | 9.8 | 6.3 | 7.5 | 8.1 | 4.7 | 6.5 | 10.2 | 7.4 | 8.7 |
| **20** | 9.9 | 6.5 | 7.7 | 8.2 | 6.2 | 6.9 | 9.8 | 5.8 | 7.3 | 10.1 | 7.0 | 8.5 |
| **21** | 9.8 | 6.9 | 8.0 | 11.1 | 5.3 | 7.8 | 10.6 | 6.9 | 8.3 | 11.2 | 7.3 | 8.9 |
| **22** | 9.3 | 6.5 | 7.9 | 10.9 | 7.3 | 8.9 | 9.3 | 7.2 | 8.0 | 9.5 | 7.0 | 8.1 |
| **23** | 9.5 | 6.6 | 7.8 | 11.3 | 6.9 | 8.1 | 9.1 | 6.6 | 7.9 | 9.2 | 5.5 | 6.7 |
| **24** | 7.5 | 4.5 | 6.5 | 11.4 | 6.8 | 8.7 | 11.1 | 6.5 | 8.3 | 10.2 | 5.1 | 7.6 |
| **25** | 8.1 | 5.3 | 6.1 | 10.5 | 6.7 | 8.4 | 9.3 | 6.8 | 7.6 | 9.6 | 7.3 | 8.2 |
| **26** | 5.6 | 4.8 | 5.2 | 9.5 | 5.5 | 7.5 | 10.3 | 6.5 | 7.9 | 10.2 | 6.5 | 8.1 |
| **27** | 7.4 | 5.6 | 6.4 | 7.6 | 6.4 | 6.9 | --- | --- | --- | 9.6 | 7.1 | 8.4 |
| **28** | 8.5 | 5.6 | 7.0 | 9.2 | 6.0 | 7.2 | --- | --- | --- | 8.9 | 7.0 | 7.9 |
| **29** | 10.2 | 6.4 | 7.8 | 10.7 | 6.3 | 8.2 | 8.5 | 6.4 | 7.2 | 7.9 | 6.1 | 7.1 |
| **30** | 11.3 | 6.6 | 8.5 | 12.0 | 7.0 | 9.0 | 10.7 | 5.4 | 7.6 | 8.0 | 5.1 | 6.3 |
| **31** | --- | --- | --- | 12.1 | 6.6 | 9.0 | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

3.0

4.0

5.0

6.0

7.0

8.0

9.0

10.0

11.0

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** | 9.7 | 5.5 | 7.3 | --- | --- | --- | 11.8 | 10.0 | 10.6 | 10.8 | 9.9 | 10.4 |
| **2** | 11.4 | 5.8 | 8.4 | --- | --- | --- | 10.3 | 9.0 | 9.7 | 11.2 | 10.1 | 10.6 |
| **3** | 11.7 | 7.3 | 9.6 | 15.2 | 10.4 | 13.3 | 9.4 | 8.6 | 9.1 | 11.1 | 10.5 | 10.8 |
| **4** | 10.6 | 8.5 | 9.4 | 15.9 | 11.3 | 13.5 | 10.8 | 8.6 | 9.3 | 11.1 | 10.2 | 10.6 |
| **5** | 8.5 | 6.0 | 7.1 | 12.5 | 10.3 | 11.4 | 9.7 | 8.3 | 8.8 | 11.3 | 10.4 | 10.8 |
| **6** | 10.5 | 5.6 | 7.6 | 10.9 | 8.5 | 9.8 | 9.8 | 8.2 | 9.1 | 10.9 | 10.4 | 10.7 |
| **7** | 8.3 | 6.8 | 7.5 | 8.7 | 6.7 | 7.7 | 10.4 | 8.4 | 9.1 | 10.7 | 10.3 | 10.5 |
| **8** | 9.4 | 6.3 | 7.5 | 8.1 | 6.6 | 7.2 | 9.6 | 8.7 | 9.1 | 10.5 | 10.1 | 10.3 |
| **9** | 9.1 | 7.2 | 8.1 | 9.8 | 5.6 | 7.6 | 9.8 | 8.7 | 9.2 | 10.9 | 10.0 | 10.4 |
| **10** | 8.9 | 5.5 | 7.2 | 10.3 | 7.1 | 8.6 | 11.8 | 8.9 | 9.7 | 10.8 | 9.5 | 10.2 |
| **11** | 11.9 | 6.7 | 9.1 | 9.5 | 6.8 | 8.1 | 9.3 | 8.4 | 8.8 | 11.1 | 9.3 | 10.1 |
| **12** | 11.8 | 7.2 | 9.5 | 11.7 | 6.4 | 8.4 | 8.8 | 7.9 | 8.5 | 10.5 | 9.6 | 10.1 |
| **13** | 9.7 | 7.4 | 8.6 | 10.4 | 5.8 | 8.3 | 9.0 | 7.3 | 8.1 | 11.2 | 9.9 | 10.4 |
| **14** | 8.7 | 7.1 | 7.7 | --- | --- | --- | 7.9 | 7.2 | 7.5 | 11.1 | 9.7 | 10.2 |
| **15** | 8.4 | 6.6 | 7.4 | --- | --- | --- | 8.3 | 7.3 | 7.8 | 11.4 | 9.8 | 10.5 |
| **16** | 11.0 | 6.6 | 8.2 | --- | --- | --- | 8.8 | 7.8 | 8.3 | 10.9 | 9.6 | 10.1 |
| **17** | 9.9 | 7.1 | 8.3 | 9.9 | 8.3 | 8.9 | 9.0 | 8.0 | 8.4 | 11.5 | 9.6 | 10.3 |
| **18** | 10.1 | 7.4 | 8.6 | 11.2 | 8.0 | 9.4 | 9.9 | 7.7 | 8.5 | 10.2 | 9.8 | 10.0 |
| **19** | 11.7 | 7.3 | 9.0 | 11.9 | 8.8 | 10.3 | 10.2 | 7.7 | 9.0 | 11.3 | 10.0 | 10.7 |
| **20** | 10.6 | 8.6 | 9.6 | 11.7 | 8.1 | 10.2 | 10.4 | 7.7 | 9.2 | 11.6 | 10.7 | 11.1 |
| **21** | 9.6 | 8.3 | 9.0 | 9.3 | 7.7 | 8.6 | 10.5 | 9.3 | 9.9 | 11.5 | 10.7 | 11.0 |
| **22** | 9.1 | 7.8 | 8.3 | 9.1 | 7.9 | 8.4 | 10.6 | 9.1 | 9.8 | 12.3 | 10.6 | 11.4 |
| **23** | 10.1 | 8.0 | 8.9 | 8.6 | 8.0 | 8.3 | 11.2 | 9.1 | 10.2 | 11.5 | 10.6 | 10.9 |
| **24** | 11.1 | 8.3 | 9.4 | 8.4 | 7.8 | 8.1 | 11.5 | 9.9 | 10.5 | 11.0 | 10.5 | 10.7 |
| **25** | 12.0 | 8.8 | 10.2 | 8.0 | 6.8 | 7.5 | 11.8 | 9.8 | 10.6 | 10.6 | 10.0 | 10.4 |
| **26** | 12.0 | 9.0 | 10.4 | 8.9 | 6.8 | 7.8 | 11.0 | 9.7 | 10.3 | 11.6 | 9.9 | 10.7 |
| **27** | 11.4 | 9.7 | 10.4 | 9.2 | 7.5 | 8.3 | 10.8 | 9.6 | 10.2 | 11.1 | 10.2 | 10.5 |
| **28** | 11.2 | 9.4 | 10.2 | 9.9 | 8.0 | 9.0 | 11.0 | 9.6 | 10.3 | 10.6 | 9.9 | 10.2 |
| **29** | 11.7 | 9.6 | 10.5 | 11.9 | 8.7 | 10.2 | 10.3 | 9.4 | 10 | 10.6 | 9.7 | 10.0 |
| **30** | 13.9 | 9.9 | 11.5 | 12.6 | 9.2 | 10.7 | 11.5 | 9.2 | 10.1 | 10.4 | 9.4 | 10.0 |
| **31** | --- | --- | --- | --- | --- | --- | 10.6 | 9.2 | 10.0 | 10.4 | 9.8 | 10.0 |
| **Month** | --- | --- | --- | --- | --- | --- | 11.8 | 7.2 | 9.3 | 12.3 | 9.3 | 10.5 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.2 | 9.9 | 10.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 11.8 | 10.1 | 10.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 10.4 | 9.8 | 10.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 10.0 | 9.6 | 9.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 9.8 | 9.3 | 9.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 10.2 | 9.0 | 9.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 9.6 | 8.9 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 9.5 | 8.8 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 10.5 | 8.9 | 9.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 11.2 | 9.5 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 11.1 | 9.5 | 10.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 9.6 | 8.7 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 10.3 | 8.8 | 9.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.6 | 8.8 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 9.3 | 8.8 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 9.2 | 8.7 | 8.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

7.0

8.0

9.0

10.0

11.0

12.0

13.0

14.0

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** | --- | --- | --- | 94 | 73 | 82 | 57 | 51 | 54 | 53 | 40 | 45 |
| **2** | --- | --- | --- | 90 | 74 | 80 | 56 | 50 | 53 | 55 | 40 | 46 |
| **3** | --- | --- | --- | 80 | 66 | 72 | 58 | 49 | 53 | 54 | 41 | 46 |
| **4** | --- | --- | --- | 76 | 63 | 68 | 55 | 50 | 53 | 52 | 37 | 46 |
| **5** | --- | --- | --- | 71 | 58 | 63 | 57 | 49 | 53 | 44 | 34 | 41 |
| **6** | --- | --- | --- | 67 | 56 | 59 | 58 | 51 | 54 | 46 | 39 | 43 |
| **7** | --- | --- | --- | 58 | 50 | 55 | 55 | 52 | 53 | 61 | 36 | 50 |
| **8** | --- | --- | --- | 61 | 49 | 53 | 57 | 53 | 55 | 62 | 42 | 54 |
| **9** | --- | --- | --- | 63 | 49 | 52 | 55 | 51 | 53 | 56 | 48 | 52 |
| **10** | --- | --- | --- | 56 | 48 | 51 | 57 | 53 | 54 | 52 | 47 | 49 |
| **11** | --- | --- | --- | 62 | 48 | 53 | 55 | 49 | 52 | 53 | 48 | 51 |
| **12** | --- | --- | --- | 55 | 47 | 50 | 53 | 47 | 50 | 53 | 46 | 49 |
| **13** | --- | --- | --- | 56 | 44 | 48 | 48 | 45 | 47 | 51 | 45 | 49 |
| **14** | --- | --- | --- | 62 | 43 | 48 | 47 | 43 | 45 | 50 | 40 | 46 |
| **15** | --- | --- | --- | 60 | 45 | 51 | 46 | 45 | 45 | 49 | 45 | 48 |
| **16** | --- | --- | --- | 60 | 42 | 53 | 48 | 44 | 45 | 60 | 47 | 49 |
| **17** | --- | --- | --- | 59 | 54 | 57 | 45 | 39 | 42 | 150 | 60 | 110 |
| **18** | --- | --- | --- | 57 | 52 | 54 | 42 | 39 | 41 | 160 | 120 | 140 |
| **19** | --- | --- | --- | 59 | 50 | 56 | 42 | 37 | 38 | 130 | 100 | 120 |
| **20** | --- | --- | --- | 59 | 52 | 55 | 43 | 40 | 41 | 130 | 91 | 110 |
| **21** | --- | --- | --- | 58 | 53 | 55 | 41 | 38 | 40 | 91 | 72 | 81 |
| **22** | --- | --- | --- | 57 | 51 | 54 | 45 | 38 | 43 | 74 | 63 | 71 |
| **23** | --- | --- | --- | 57 | 51 | 53 | 48 | 36 | 41 | --- | --- | --- |
| **24** | --- | --- | --- | 58 | 51 | 52 | 46 | 40 | 43 | --- | --- | --- |
| **25** | --- | --- | --- | 58 | 52 | 53 | 44 | 38 | 41 | 61 | 57 | 59 |
| **26** | --- | --- | --- | 56 | 51 | 52 | 43 | 33 | 38 | 60 | 57 | 58 |
| **27** | --- | --- | --- | 56 | 50 | 52 | 38 | 35 | 36 | 60 | 44 | 54 |
| **28** | --- | --- | --- | 54 | 48 | 51 | 38 | 35 | 36 | --- | --- | --- |
| **29** | --- | --- | --- | 62 | 49 | 54 | 56 | 35 | 41 | --- | --- | --- |
| **30** | --- | --- | --- | 56 | 48 | 52 | 41 | 36 | 38 | --- | --- | --- |
| **31** | 100 | 74 | 89 | --- | --- | --- | 48 | 33 | 40 | --- | --- | --- |
| **Month** | --- | --- | --- | 94 | 42 | 56 | 58 | 33 | 46 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 40 | 35 | 38 | 58 | 40 | 46 | 56 | 42 | 48 |
| **2** | --- | --- | --- | 40 | 35 | 37 | 43 | 35 | 38 | 48 | 40 | 43 |
| **3** | --- | --- | --- | 41 | 35 | 38 | 39 | 31 | 34 | 61 | 41 | 50 |
| **4** | --- | --- | --- | 43 | 37 | 39 | --- | --- | --- | 56 | 42 | 51 |
| **5** | --- | --- | --- | 42 | 38 | 39 | --- | --- | --- | 82 | 54 | 65 |
| **6** | --- | --- | --- | 52 | 38 | 42 | --- | --- | --- | 110 | 75 | 88 |
| **7** | --- | --- | --- | 50 | 39 | 42 | 43 | 34 | 38 | 120 | 73 | 92 |
| **8** | --- | --- | --- | 54 | 41 | 46 | 39 | 36 | 37 | 78 | 63 | 68 |
| **9** | --- | --- | --- | 62 | 41 | 46 | 38 | 35 | 36 | 67 | 61 | 65 |
| **10** | --- | --- | --- | 81 | 45 | 62 | 37 | 34 | 36 | 69 | 56 | 63 |
| **11** | --- | --- | --- | 82 | 40 | 55 | 36 | 35 | 35 | 65 | 47 | 51 |
| **12** | --- | --- | --- | 75 | 42 | 53 | 38 | 34 | 36 | 63 | 47 | 53 |
| **13** | --- | --- | --- | 69 | 37 | 50 | 38 | 38 | 38 | --- | --- | --- |
| **14** | --- | --- | --- | 58 | 35 | 43 | 38 | 38 | 38 | --- | --- | --- |
| **15** | --- | --- | --- | 61 | 23 | 39 | --- | --- | --- | --- | --- | --- |
| **16** | 46 | 44 | 44 | 88 | 45 | 61 | --- | --- | --- | --- | --- | --- |
| **17** | 45 | 42 | 43 | 62 | 49 | 54 | --- | --- | --- | --- | --- | --- |
| **18** | 43 | 41 | 42 | 51 | 46 | 49 | --- | --- | --- | 38 | 35 | 37 |
| **19** | 42 | 40 | 41 | 58 | 46 | 49 | 41 | 37 | 39 | 36 | 32 | 34 |
| **20** | 42 | 40 | 40 | 54 | 44 | 47 | 40 | 36 | 37 | 35 | 33 | 34 |
| **21** | 40 | 39 | 39 | 49 | 44 | 46 | 39 | 37 | 38 | 34 | 32 | 33 |
| **22** | 39 | 38 | 38 | 54 | 41 | 44 | 40 | 37 | 38 | 34 | 32 | 34 |
| **23** | 40 | 37 | 38 | 66 | 39 | 48 | 39 | 36 | 38 | 34 | 31 | 32 |
| **24** | 41 | 38 | 39 | 70 | 41 | 48 | 41 | 38 | 39 | 33 | 30 | 32 |
| **25** | 41 | 36 | 38 | 73 | 40 | 53 | 40 | 38 | 39 | 32 | 30 | 31 |
| **26** | 40 | 36 | 38 | 65 | 40 | 47 | 41 | 39 | 40 | 37 | 30 | 32 |
| **27** | 38 | 35 | 37 | 63 | 42 | 52 | 40 | 38 | 39 | 32 | 29 | 30 |
| **28** | 38 | 36 | 37 | 46 | 41 | 43 | 43 | 37 | 38 | 46 | 27 | 34 |
| **29** | --- | --- | --- | 51 | 43 | 46 | 50 | 38 | 41 | 44 | 35 | 40 |
| **30** | --- | --- | --- | 57 | 46 | 49 | 51 | 40 | 44 | 42 | 28 | 34 |
| **31** | --- | --- | --- | 53 | 45 | 47 | --- | --- | --- | 53 | 30 | 38 |
| **Month** | --- | --- | --- | 88 | 23 | 47 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 36 | 28 | 31 | 19 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **2** | 30 | 24 | 27 | 18 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **3** | 28 | 25 | 26 | --- | --- | --- | 14 | 10 | 12 | --- | --- | --- |
| **4** | 29 | 24 | 26 | --- | --- | --- | 15 | 10 | 12 | 9.5 | 5.2 | 7.7 |
| **5** | 28 | 24 | 26 | --- | --- | --- | 13 | 8.4 | 10 | 8.5 | 6.2 | 7.3 |
| **6** | 28 | 23 | 25 | --- | --- | --- | 13 | 9.0 | 11 | 9.5 | 6.2 | 7.5 |
| **7** | 32 | 26 | 29 | 36 | 31 | 34 | --- | --- | --- | 8.9 | 5.5 | 7.3 |
| **8** | 30 | 26 | 28 | 36 | 30 | 32 | --- | --- | --- | 9.7 | 5.9 | 7.8 |
| **9** | 28 | 22 | 25 | 37 | 29 | 34 | --- | --- | --- | 9.7 | 6.0 | 7.6 |
| **10** | 25 | 21 | 23 | 36 | 31 | 33 | --- | --- | --- | 9.5 | 5.5 | 7.2 |
| **11** | 24 | 21 | 22 | --- | --- | --- | 7.9 | 5.3 | 6.5 | --- | --- | --- |
| **12** | 22 | 16 | 19 | --- | --- | --- | 18 | 5.9 | 11 | --- | --- | --- |
| **13** | 20 | 16 | 18 | --- | --- | --- | 23 | 9.6 | 15 | --- | --- | --- |
| **14** | 18 | 16 | 17 | 22 | 17 | 20 | --- | --- | --- | --- | --- | --- |
| **15** | 21 | 16 | 18 | 22 | 18 | 20 | --- | --- | --- | 9.2 | 5.8 | 7.4 |
| **16** | 25 | 19 | 21 | 25 | 19 | 21 | --- | --- | --- | 8.7 | 4.1 | 6.6 |
| **17** | --- | --- | --- | 26 | 19 | 22 | --- | --- | --- | 9.9 | 4.7 | 7.1 |
| **18** | --- | --- | --- | 29 | 22 | 27 | --- | --- | --- | 9.6 | 7.0 | 8.2 |
| **19** | --- | --- | --- | 36 | 27 | 32 | --- | --- | --- | 9.8 | 4.9 | 7.6 |
| **20** | 18 | 14 | 16 | 41 | 34 | 37 | --- | --- | --- | 9.9 | 6.4 | 7.9 |
| **21** | 20 | 14 | 17 | 43 | 30 | 38 | --- | --- | --- | 14 | 7.6 | 11 |
| **22** | 16 | 14 | 15 | --- | --- | --- | 12 | 7.1 | 9.1 | --- | --- | --- |
| **23** | 17 | 12 | 15 | --- | --- | --- | 22 | 8.9 | 11 | --- | --- | --- |
| **24** | 19 | 13 | 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | 21 | 12 | 17 | --- | --- | --- | --- | --- | --- | 8.7 | 5.9 | 7.4 |
| **26** | 20 | 16 | 19 | --- | --- | --- | --- | --- | --- | 8.8 | 5.3 | 6.6 |
| **27** | 23 | 20 | 21 | 29 | 21 | 26 | --- | --- | --- | 13 | 5.8 | 7.6 |
| **28** | 21 | 17 | 18 | 27 | 18 | 22 | --- | --- | --- | 12 | 5.2 | 7.2 |
| **29** | 18 | 16 | 16 | 29 | 18 | 22 | 13 | 7.2 | 9.5 | 12 | 6.5 | 8.7 |
| **30** | 17 | 13 | 15 | --- | --- | --- | 13 | 5.1 | 8.0 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

0

20

40

60

80

100

120

140

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** | --- | --- | --- | --- | --- | --- | 16 | 13 | 14 | 32 | 26 | 29 |
| **2** | --- | --- | --- | --- | --- | --- | 21 | 14 | 16 | 28 | 27 | 27 |
| **3** | 8.3 | 4.0 | 5.2 | 22 | 7.0 | 13 | 34 | 21 | 28 | 31 | 27 | 28 |
| **4** | 7.7 | 4.2 | 5.7 | 18 | 5.7 | 12 | 30 | 23 | 26 | 28 | 26 | 28 |
| **5** | 13 | 6.2 | 8.3 | 9.1 | 5.3 | 6.6 | 29 | 24 | 26 | 26 | 24 | 25 |
| **6** | --- | --- | --- | 16 | 6.7 | 11 | 29 | 25 | 27 | 27 | 22 | 26 |
| **7** | --- | --- | --- | 18 | 12 | 14 | 28 | 22 | 25 | 35 | 21 | 24 |
| **8** | --- | --- | --- | 13 | 10 | 12 | 30 | 24 | 27 | 31 | 23 | 24 |
| **9** | 22 | 8.0 | 14 | 14 | 9.0 | 11 | 30 | 27 | 29 | 30 | 20 | 24 |
| **10** | --- | --- | --- | 12 | 8.5 | 10 | 29 | 25 | 27 | 25 | 20 | 22 |
| **11** | --- | --- | --- | 15 | 9.6 | 11 | 34 | 24 | 28 | 28 | 21 | 24 |
| **12** | 12 | 5.0 | 7.6 | 14 | 10 | 12 | 32 | 27 | 30 | 33 | 20 | 23 |
| **13** | 10 | 6.2 | 8.0 | 25 | 10 | 13 | 32 | 28 | 30 | 28 | 20 | 24 |
| **14** | 13 | 7.8 | 11 | 20 | 9.3 | 14 | 34 | 29 | 31 | 31 | 20 | 25 |
| **15** | 19 | 8.2 | 12 | --- | --- | --- | --- | --- | --- | 22 | 21 | 22 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 | 21 | 22 |
| **17** | --- | --- | --- | 12 | 9.6 | 11 | --- | --- | --- | 25 | 23 | 24 |
| **18** | --- | --- | --- | 12 | 9.0 | 11 | --- | --- | --- | 30 | 24 | 26 |
| **19** | --- | --- | --- | 11 | 8.9 | 9.7 | --- | --- | --- | 34 | 26 | 29 |
| **20** | 22 | 12 | 15 | 13 | 8.0 | 9.3 | --- | --- | --- | 31 | 25 | 27 |
| **21** | 21 | 13 | 18 | 17 | 11 | 13 | --- | --- | --- | 29 | 26 | 28 |
| **22** | 24 | 16 | 20 | --- | --- | --- | --- | --- | --- | 27 | 24 | 26 |
| **23** | 22 | 15 | 18 | --- | --- | --- | 33 | 27 | 29 | 50 | 27 | 33 |
| **24** | 29 | 18 | 20 | --- | --- | --- | 32 | 26 | 29 | 51 | 28 | 38 |
| **25** | 22 | 17 | 19 | --- | --- | --- | 28 | 23 | 25 | 54 | 35 | 38 |
| **26** | 29 | 18 | 23 | --- | --- | --- | 27 | 23 | 24 | 65 | 32 | 39 |
| **27** | 30 | 22 | 27 | 33 | 20 | 29 | 26 | 23 | 24 | 61 | 38 | 46 |
| **28** | 33 | 21 | 25 | 21 | 16 | 19 | --- | --- | --- | 65 | 37 | 42 |
| **29** | --- | --- | --- | 19 | 16 | 17 | --- | --- | --- | 52 | 41 | 46 |
| **30** | --- | --- | --- | 20 | 12 | 17 | --- | --- | --- | 58 | 42 | 49 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 45 | 48 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 65 | 20 | 30 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 33 | 39 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 43 | 31 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 42 | 34 | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 42 | 37 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 43 | 38 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 44 | 31 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 43 | 32 | 39 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 39 | 30 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 37 | 28 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 34 | 26 | 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 33 | 26 | 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 35 | 27 | 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 40 | 31 | 34 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 38 | 31 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 39 | 34 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 43 | 37 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

0

10

20

30

40

50

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | 21.8 | 20.4 | 21.1 | 16.1 | 15.1 | 15.6 | 14.6 | 13.2 | 13.7 |
| **2** | --- | --- | --- | 20.4 | 19.1 | 19.8 | 15.5 | 14.8 | 15.1 | 14.1 | 12.9 | 13.4 |
| **3** | --- | --- | --- | 20.1 | 18.7 | 19.3 | 14.8 | 13.4 | 14.2 | 13.2 | 12.7 | 13.0 |
| **4** | --- | --- | --- | 19.9 | 18.3 | 19.2 | 13.7 | 12.8 | 13.3 | 13.1 | 12.5 | 12.9 |
| **5** | --- | --- | --- | 19.5 | 18.7 | 19.2 | 14.3 | 12.4 | 13.2 | 14.4 | 12.2 | 13.2 |
| **6** | --- | --- | --- | 19.8 | 19.3 | 19.5 | 13.3 | 13.0 | 13.2 | 14.0 | 13.2 | 13.6 |
| **7** | --- | --- | --- | 20.8 | 19.0 | 19.7 | 13.2 | 12.3 | 13.0 | 14.0 | 12.0 | 13.3 |
| **8** | --- | --- | --- | 20.8 | 19.0 | 19.8 | 12.4 | 11.4 | 12.0 | 13.8 | 12.2 | 13.1 |
| **9** | --- | --- | --- | 21.0 | 19.6 | 20.2 | 12.0 | 11.1 | 11.4 | 14.1 | 11.8 | 13.1 |
| **10** | --- | --- | --- | 21.5 | 20.2 | 20.8 | 12.1 | 11.1 | 11.6 | 13.7 | 11.4 | 12.9 |
| **11** | --- | --- | --- | 20.6 | 19.2 | 19.8 | 12.5 | 12.1 | 12.3 | 14.0 | 12.8 | 13.5 |
| **12** | --- | --- | --- | 20.0 | 18.6 | 19.3 | 14.2 | 12.5 | 13.1 | 14.9 | 13.6 | 14.4 |
| **13** | --- | --- | --- | 19.7 | 18.6 | 19.2 | 14.4 | 12.6 | 13.4 | 16.9 | 14.7 | 15.4 |
| **14** | --- | --- | --- | 20.6 | 19.2 | 19.8 | 15.4 | 13.6 | 14.3 | 16.3 | 12.4 | 14.9 |
| **15** | --- | --- | --- | 20.0 | 18.1 | 19.3 | 15.4 | 14.6 | 14.9 | 14.6 | 11.8 | 13.5 |
| **16** | --- | --- | --- | 18.5 | 17.3 | 17.9 | 15.4 | 14.5 | 14.9 | 12.8 | 10.9 | 11.9 |
| **17** | --- | --- | --- | 18.4 | 16.9 | 17.5 | 16.5 | 14.7 | 15.7 | 10.9 | 9.0 | 9.7 |
| **18** | --- | --- | --- | 18.6 | 17.1 | 17.6 | 16.8 | 15.8 | 16.4 | 9.1 | 7.9 | 8.2 |
| **19** | --- | --- | --- | 17.9 | 16.4 | 17.2 | 17.1 | 16.7 | 16.9 | 8.2 | 7.8 | 8.0 |
| **20** | --- | --- | --- | 17.2 | 15.9 | 16.4 | 17.0 | 16.2 | 16.7 | 8.5 | 8.0 | 8.2 |
| **21** | --- | --- | --- | 17.1 | 15.3 | 16.2 | 16.8 | 16.0 | 16.4 | --- | --- | --- |
| **22** | --- | --- | --- | 17.7 | 15.9 | 16.7 | 16.6 | 15.4 | 15.9 | 9.5 | 8.7 | 9.2 |
| **23** | --- | --- | --- | 17.0 | 16.5 | 16.8 | 15.6 | 14.6 | 15.1 | --- | --- | --- |
| **24** | --- | --- | --- | 18.0 | 16.5 | 17.1 | 14.6 | 13.9 | 14.2 | --- | --- | --- |
| **25** | --- | --- | --- | 18.1 | 16.7 | 17.3 | 13.9 | 12.9 | 13.5 | 10.6 | 8.6 | 9.5 |
| **26** | --- | --- | --- | 18.3 | 17.0 | 17.6 | 13.7 | 12.2 | 13.0 | 11.3 | 9.7 | 10.3 |
| **27** | --- | --- | --- | 17.8 | 17.6 | 17.7 | 13.6 | 12.4 | 13.0 | 12.2 | 10.4 | 11.2 |
| **28** | --- | --- | --- | 18.8 | 17.7 | 18.3 | 13.7 | 12.9 | 13.3 | 10.9 | 9.4 | 10.2 |
| **29** | --- | --- | --- | 18.6 | 18.4 | 18.5 | 15.0 | 13.6 | 14.2 | --- | --- | --- |
| **30** | --- | --- | --- | 18.9 | 15.8 | 17.5 | 15.0 | 14.2 | 14.5 | --- | --- | --- |
| **31** | 22.3 | 21.1 | 21.6 | --- | --- | --- | 15.0 | 13.8 | 14.3 | --- | --- | --- |
| **Month** | --- | --- | --- | 21.8 | 15.3 | 18.5 | 17.1 | 11.1 | 14.1 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 17.1 | 15.9 | 16.7 | 23.7 | 21.9 | 22.8 | 24.8 | 23.6 | 23.9 |
| **2** | --- | --- | --- | 17.8 | 15.9 | 16.7 | 23.4 | 22.6 | 23.0 | 25.2 | 23.3 | 24.0 |
| **3** | --- | --- | --- | 17.1 | 15.4 | 16.2 | 24.1 | 22.6 | 23.2 | 24.6 | 23.3 | 24.0 |
| **4** | --- | --- | --- | 16.1 | 14.2 | 15.1 | --- | --- | --- | 25.4 | 23.6 | 24.7 |
| **5** | --- | --- | --- | 17.4 | 14.2 | 15.5 | --- | --- | --- | 25.4 | 24.9 | 25.2 |
| **6** | --- | --- | --- | 16.5 | 15.1 | 15.6 | --- | --- | --- | 25.4 | 24.8 | 25.1 |
| **7** | --- | --- | --- | 16.8 | 14.7 | 15.6 | 21.3 | 18.5 | 19.6 | 27.1 | 25.0 | 25.6 |
| **8** | --- | --- | --- | 17.4 | 15.7 | 16.3 | 18.8 | 18.0 | 18.4 | 28.0 | 24.7 | 26.1 |
| **9** | --- | --- | --- | 18.3 | 15.9 | 17.0 | 19.2 | 17.6 | 18.3 | 28.1 | 25.9 | 26.6 |
| **10** | --- | --- | --- | 18.4 | 17.0 | 17.5 | 19.8 | 18.3 | 18.9 | 28.1 | 24.6 | 26.4 |
| **11** | --- | --- | --- | 18.6 | 17.0 | 17.8 | 20.9 | 19.0 | 19.7 | 28.4 | 25.4 | 26.3 |
| **12** | --- | --- | --- | 18.8 | 17.6 | 18.2 | 20.3 | 19.2 | 19.7 | 28.2 | 26.4 | 27.0 |
| **13** | --- | --- | --- | 19.4 | 18.0 | 18.7 | 20.0 | 19.4 | 19.8 | 29.6 | 26.2 | 27.4 |
| **14** | --- | --- | --- | 19.0 | 18.2 | 18.4 | 20.1 | 18.8 | 19.6 | --- | --- | --- |
| **15** | --- | --- | --- | 20.0 | 18.2 | 19.1 | --- | --- | --- | --- | --- | --- |
| **16** | 11.0 | 9.3 | 10.0 | 19.6 | 18.3 | 18.9 | --- | --- | --- | --- | --- | --- |
| **17** | 11.6 | 9.6 | 10.6 | 19.2 | 18.1 | 18.6 | --- | --- | --- | --- | --- | --- |
| **18** | 12.1 | 9.7 | 10.6 | 18.9 | 18.1 | 18.4 | --- | --- | --- | 26.6 | 25.1 | 25.7 |
| **19** | 11.2 | 10.2 | 10.8 | 19.1 | 18.2 | 18.6 | 21.3 | 18.9 | 19.6 | 26.8 | 24.7 | 25.6 |
| **20** | 12.1 | 11.1 | 11.6 | 19.8 | 18.7 | 19.2 | 21.8 | 20.3 | 21.1 | 26.4 | 24.9 | 25.6 |
| **21** | 13.6 | 11.9 | 12.7 | 20.3 | 19.2 | 19.7 | 21.9 | 20.8 | 21.3 | 25.6 | 25.0 | 25.3 |
| **22** | 14.5 | 13.1 | 13.7 | 20.8 | 19.5 | 20.1 | 21.9 | 20.8 | 21.3 | 25.7 | 24.7 | 25.1 |
| **23** | 14.8 | 13.8 | 14.3 | 21.3 | 20.0 | 20.6 | 21.8 | 21.1 | 21.5 | 26.1 | 24.7 | 25.4 |
| **24** | 15.3 | 13.9 | 14.6 | 21.4 | 20.5 | 20.9 | 22.0 | 21.3 | 21.7 | 26.6 | 25.4 | 26.0 |
| **25** | 16.6 | 13.8 | 14.7 | 21.6 | 20.9 | 21.2 | 22.5 | 21.4 | 21.9 | 26.5 | 25.6 | 26.1 |
| **26** | 15.6 | 14.5 | 15.1 | 21.6 | 20.9 | 21.2 | 23.2 | 21.2 | 22.1 | 26.1 | 25.5 | 25.8 |
| **27** | 16.8 | 14.8 | 15.7 | 22.2 | 21.0 | 21.6 | 23.0 | 22.2 | 22.7 | 26.6 | 25.3 | 25.7 |
| **28** | 16.7 | 15.5 | 16.2 | 22.7 | 21.7 | 22.2 | 26.5 | 22.2 | 23.2 | 25.9 | 24.8 | 25.3 |
| **29** | --- | --- | --- | 23.0 | 22.1 | 22.5 | 27.1 | 22.9 | 24.0 | 27.4 | 24.5 | 25.4 |
| **30** | --- | --- | --- | 23.0 | 22.4 | 22.7 | 25.7 | 23.6 | 24.2 | 28.2 | 25.9 | 26.7 |
| **31** | --- | --- | --- | 22.8 | 22.2 | 22.5 | --- | --- | --- | 29.2 | 26.0 | 27.3 |
| **Month** | --- | --- | --- | 23.0 | 14.2 | 18.8 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.0 | 27.2 | 28.1 | 29.6 | 29.2 | 29.3 | 31.6 | 30.0 | 30.4 | 30.6 | 29.4 | 29.9 |
| **2** | 28.9 | 27.1 | 27.8 | 29.2 | 28.7 | 29.0 | 31.4 | 29.7 | 30.2 | 30.3 | 29.2 | 29.6 |
| **3** | 28.7 | 27.7 | 28.1 | 29.5 | 28.3 | 28.9 | 31.5 | 29.9 | 30.5 | 29.9 | 29.1 | 29.4 |
| **4** | 30.4 | 27.2 | 28.1 | 28.8 | 28.3 | 28.6 | 32.3 | 30.4 | 31.1 | 30.0 | 28.8 | 29.2 |
| **5** | 30.2 | 27.9 | 28.8 | 29.1 | 27.8 | 28.4 | 31.8 | 30.6 | 31.1 | 29.7 | 28.9 | 29.2 |
| **6** | 29.6 | 28.1 | 28.8 | 28.6 | 27.4 | 27.9 | 31.8 | 30.4 | 31.0 | 30.0 | 28.9 | 29.5 |
| **7** | 28.6 | 27.8 | 28.2 | 28.5 | 27.2 | 27.6 | 32.1 | 30.2 | 31.0 | 30.9 | 29.0 | 29.6 |
| **8** | 29.6 | 28.2 | 28.8 | 30.1 | 27.8 | 28.5 | 32.0 | 30.4 | 30.9 | 30.6 | 29.3 | 29.8 |
| **9** | 30.2 | 28.3 | 29.1 | 29.2 | 28.2 | 28.6 | 33.4 | 30.2 | 31.1 | 30.4 | 29.3 | 29.8 |
| **10** | 31.0 | 29.1 | 29.7 | 30.3 | 28.4 | 29.2 | 33.2 | 31.0 | 31.9 | 31.9 | 29.3 | 30.2 |
| **11** | 30.3 | 29.6 | 30.0 | 31.0 | 29.2 | 29.7 | 33.3 | 31.4 | 32.3 | 31.1 | 29.6 | 30.5 |
| **12** | 32.1 | 29.6 | 30.4 | 31.0 | 29.5 | 29.9 | 33.2 | 32.0 | 32.5 | 29.6 | 28.5 | 29.0 |
| **13** | 31.3 | 30.0 | 30.4 | 30.8 | 29.8 | 30.1 | 33.3 | 31.5 | 32.3 | 29.8 | 28.0 | 28.8 |
| **14** | 31.4 | 29.7 | 30.2 | 30.0 | 29.2 | 29.6 | 33.8 | 31.8 | 32.7 | 31.0 | 28.6 | 29.5 |
| **15** | 30.9 | 29.4 | 30.0 | 29.8 | 29.0 | 29.4 | 33.1 | 32.2 | 32.8 | 30.0 | 29.0 | 29.5 |
| **16** | 29.7 | 29.0 | 29.4 | 30.6 | 28.9 | 29.6 | 32.2 | 30.8 | 31.3 | 30.4 | 28.1 | 29.1 |
| **17** | 29.0 | 28.4 | 28.7 | 30.5 | 29.2 | 29.6 | 31.6 | 30.5 | 30.9 | 30.2 | 28.1 | 29.1 |
| **18** | 29.4 | 28.2 | 28.8 | 29.9 | 28.9 | 29.4 | 31.0 | 30.0 | 30.5 | 30.4 | 28.0 | 29.1 |
| **19** | 30.0 | 28.7 | 29.3 | 29.2 | 28.5 | 28.7 | 31.3 | 29.9 | 30.5 | 30.4 | 28.6 | 29.5 |
| **20** | 30.5 | 28.9 | 29.4 | 28.7 | 27.7 | 28.2 | 31.4 | 30.1 | 30.6 | 30.3 | 28.8 | 29.5 |
| **21** | 29.8 | 29.0 | 29.4 | 30.6 | 27.6 | 28.6 | 31.6 | 29.9 | 30.7 | 30.6 | 28.3 | 29.2 |
| **22** | 29.9 | 29.0 | 29.4 | 30.1 | 28.0 | 29.1 | 31.4 | 30.2 | 30.8 | 30.2 | 28.4 | 29.2 |
| **23** | 29.6 | 28.9 | 29.2 | 29.9 | 28.3 | 29.1 | 31.6 | 30.4 | 31.0 | 30.9 | 28.1 | 29.1 |
| **24** | 29.7 | 28.2 | 28.9 | 30.2 | 28.4 | 29.1 | 32.7 | 30.5 | 31.2 | 30.0 | 28.0 | 28.9 |
| **25** | 29.1 | 28.5 | 28.8 | 30.3 | 28.8 | 29.4 | 32.0 | 31.0 | 31.3 | 30.1 | 28.7 | 29.2 |
| **26** | 28.9 | 28.4 | 28.6 | 29.7 | 29.0 | 29.4 | 33.1 | 31.0 | 31.6 | 30.1 | 28.2 | 28.9 |
| **27** | 29.4 | 28.6 | 28.9 | 29.0 | 28.3 | 28.5 | 32.5 | 30.8 | 31.6 | 30.0 | 28.6 | 29.3 |
| **28** | 29.7 | 28.4 | 29.0 | 29.7 | 28.1 | 28.6 | 31.9 | 30.5 | 31.2 | 29.8 | 28.5 | 29.2 |
| **29** | 29.8 | 28.7 | 29.1 | 30.2 | 28.6 | 29.1 | 31.7 | 30.4 | 31.0 | 29.3 | 27.9 | 28.6 |
| **30** | 30.4 | 28.7 | 29.5 | 30.6 | 29.1 | 29.7 | 31.8 | 30.0 | 30.6 | 28.8 | 28.0 | 28.4 |
| **31** | --- | --- | --- | 31.6 | 29.5 | 29.9 | 31.1 | 30.1 | 30.6 | --- | --- | --- |
| **Month** | 32.1 | 27.1 | 29.1 | 31.6 | 27.2 | 29.1 | 33.8 | 29.7 | 31.2 | 31.9 | 27.9 | 29.3 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

5

10

15

20

25

30

35

MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 30.0 | 27.9 | 28.7 | --- | --- | --- | 17.4 | 16.3 | 16.8 | 12.6 | 11.6 | 12.1 |
| **2** | 30.4 | 28.0 | 29.0 | --- | --- | --- | 17.4 | 16.5 | 17.0 | 11.9 | 10.5 | 11.3 |
| **3** | 29.8 | 28.1 | 28.9 | 22.6 | 20.6 | 21.3 | 16.5 | 14.7 | 15.4 | 11.2 | 10.0 | 10.6 |
| **4** | 29.8 | 28.5 | 29.1 | 22.5 | 21.1 | 21.6 | 16.0 | 14.2 | 14.9 | 11.3 | 10.0 | 10.8 |
| **5** | 29.0 | 28.1 | 28.4 | 22.5 | 21.6 | 22.0 | 15.7 | 14.5 | 15.0 | 12.2 | 11.1 | 11.6 |
| **6** | 29.6 | 27.8 | 28.5 | 22.0 | 20.6 | 21.5 | 15.9 | 14.6 | 15.2 | 12.9 | 11.8 | 12.4 |
| **7** | 28.7 | 27.8 | 28.2 | 20.6 | 19.7 | 20.2 | 16.2 | 15.1 | 15.6 | 13.8 | 12.7 | 13.4 |
| **8** | 29.1 | 27.4 | 28.1 | 20.3 | 19.4 | 19.9 | 17.0 | 15.9 | 16.5 | 14.5 | 13.6 | 14.1 |
| **9** | 29.1 | 27.8 | 28.5 | 21.1 | 19.8 | 20.5 | 17.9 | 16.8 | 17.4 | 14.6 | 12.9 | 13.9 |
| **10** | 28.7 | 27.5 | 28.0 | 21.2 | 20.6 | 20.8 | 18.5 | 17.6 | 18.0 | 15.3 | 13.3 | 14.5 |
| **11** | 28.9 | --- | --- | 21.2 | 20.5 | 20.8 | 18.9 | 17.8 | 18.3 | 15.3 | 12.7 | 13.9 |
| **12** | 28.4 | 26.8 | 27.6 | 22.5 | 20.5 | 21.2 | 18.9 | 17.0 | 18.4 | 15.4 | 13.2 | 14.2 |
| **13** | 27.8 | 26.7 | 27.3 | 22.6 | 21.0 | 21.9 | 18.1 | 16.5 | 17.1 | 14.7 | 13.1 | 13.8 |
| **14** | 27.0 | 25.9 | 26.5 | 22.2 | 21.2 | 21.9 | 17.5 | 17.1 | 17.3 | 14.4 | 12.8 | 13.7 |
| **15** | 27.0 | 25.6 | 26.3 | 21.2 | 19.2 | 20.3 | 17.6 | 15.1 | 16.8 | 14.2 | 13.5 | 13.8 |
| **16** | 25.7 | 25.0 | 25.4 | 20.1 | 18.9 | 19.5 | 15.9 | 14.2 | 15.1 | 13.5 | 13.1 | 13.3 |
| **17** | 26.3 | 24.9 | 25.5 | 19.8 | 19.3 | 19.6 | 15.8 | 13.7 | 14.7 | 13.6 | 12.8 | 13.2 |
| **18** | 26.4 | 24.9 | 25.6 | 19.8 | 19.2 | 19.5 | 16.2 | 14.7 | 15.4 | 12.8 | 11.9 | 12.4 |
| **19** | 25.6 | 24.3 | 25.0 | 20.2 | 19.4 | 19.8 | 16.8 | 15.3 | 16.0 | 12.0 | 11.1 | 11.6 |
| **20** | 25.7 | 24.6 | 25.0 | 20.8 | 19.9 | 20.2 | 17.1 | 15.7 | 16.4 | 11.7 | 10.7 | 11.1 |
| **21** | 25.4 | 24.4 | 24.8 | 20.8 | 19.6 | 20.2 | 16.6 | 15.4 | 16.0 | 11.2 | 10.8 | 11.0 |
| **22** | 24.8 | 23.3 | 24.1 | 19.6 | 17.6 | 18.5 | 16.7 | 14.5 | 16.0 | 12.4 | 11.2 | 11.6 |
| **23** | 23.3 | 22.1 | 22.7 | 17.6 | 17.0 | 17.3 | 15.2 | 14.0 | 14.4 | 11.5 | 10.8 | 11.0 |
| **24** | 22.1 | 20.9 | 21.6 | 17.0 | 16.1 | 16.5 | 14.8 | 13.6 | 14.1 | 11.2 | 10.3 | 10.7 |
| **25** | 21.5 | 20.4 | 20.9 | 16.1 | 14.5 | 15.5 | 15.1 | 13.2 | 13.9 | 10.4 | 10.0 | 10.2 |
| **26** | 21.3 | 19.7 | 20.4 | 15.2 | 13.9 | 14.5 | 14.3 | 13.2 | 13.8 | 11.7 | 9.9 | 10.6 |
| **27** | 21.0 | 19.7 | 20.2 | 15.2 | 13.9 | 14.5 | 13.7 | 12.6 | 13.2 | 11.1 | 10.2 | 10.6 |
| **28** | 20.6 | 19.6 | 20.0 | 15.8 | 14.7 | 15.2 | 14.1 | 12.9 | 13.4 | 11.4 | 10.4 | 10.9 |
| **29** | 20.5 | 19.4 | 19.8 | 16.3 | 15.1 | 15.5 | 13.2 | 12.3 | 12.8 | 12.8 | 11.2 | 11.7 |
| **30** | 20.6 | 19.1 | 19.7 | 16.8 | 15.5 | 16.1 | 14.2 | 12.0 | 12.9 | 11.5 | 10.5 | 11.0 |
| **31** | --- | --- | --- | --- | --- | --- | 13.9 | 12.6 | 13.2 | 12.0 | 11.0 | 11.4 |
| **Month** | --- | --- | --- | --- | --- | --- | 18.9 | 12.0 | 15.5 | 15.4 | 9.9 | 12.1 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.6 | 10.4 | 11.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 12.6 | 10.9 | 11.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 12.8 | 11.9 | 12.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 13.8 | 12.7 | 13.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 14.8 | 13.8 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 14.9 | 13.1 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 14.4 | 13.3 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 14.7 | 13.0 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 15.5 | 14.0 | 14.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 16.3 | 15.1 | 15.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 15.9 | 14.9 | 15.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 15.7 | 14.4 | 15.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 15.7 | 13.7 | 14.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 15.1 | 14.1 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 15.7 | 15.0 | 15.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | --- | 14.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

10

15

20

25

30

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | 69 | 63 | 67 | 108 | 97 | 101 | 224 | 185 | 207 |
| **2** | --- | --- | --- | 74 | 65 | 68 | 111 | 108 | 109 | 238 | 219 | 226 |
| **3** | --- | --- | --- | 72 | 68 | 69 | 117 | 107 | 111 | 245 | 224 | 236 |
| **4** | --- | --- | --- | 69 | 68 | 69 | 116 | 106 | 110 | 239 | 222 | 232 |
| **5** | --- | --- | --- | 71 | 69 | 70 | 125 | 112 | 118 | 241 | 202 | 225 |
| **6** | --- | --- | --- | 73 | 70 | 71 | 127 | 120 | 123 | 215 | 201 | 206 |
| **7** | --- | --- | --- | 77 | 71 | 73 | 132 | 121 | 127 | 209 | 184 | 192 |
| **8** | --- | --- | --- | 78 | 75 | 76 | 133 | 120 | 124 | 194 | 172 | 181 |
| **9** | --- | --- | --- | 89 | 76 | 80 | 131 | 119 | 126 | 176 | 160 | 172 |
| **10** | --- | --- | --- | 92 | 85 | 89 | 121 | 118 | 119 | 170 | 159 | 162 |
| **11** | --- | --- | --- | 109 | 90 | 99 | 120 | 118 | 119 | 170 | 164 | 168 |
| **12** | --- | --- | --- | 109 | 93 | 102 | 137 | 119 | 127 | 179 | 161 | 167 |
| **13** | --- | --- | --- | 107 | 100 | 104 | 136 | 126 | 132 | 174 | 165 | 166 |
| **14** | --- | --- | --- | --- | --- | --- | 134 | 123 | 126 | 174 | 164 | 168 |
| **15** | --- | --- | --- | --- | --- | --- | 128 | 123 | 126 | 181 | 166 | 172 |
| **16** | --- | --- | --- | --- | --- | --- | 142 | 127 | 130 | 178 | 168 | 172 |
| **17** | --- | --- | --- | 104 | 96 | 99 | 150 | 133 | 138 | 184 | 146 | 161 |
| **18** | --- | --- | --- | 109 | 99 | 103 | 148 | 134 | 142 | 152 | 133 | 136 |
| **19** | --- | --- | --- | 110 | 105 | 107 | 159 | 148 | 154 | 155 | 131 | 144 |
| **20** | --- | --- | --- | 111 | 103 | 107 | 154 | 137 | 142 | 164 | 143 | 152 |
| **21** | --- | --- | --- | 109 | 101 | 104 | 162 | 146 | 157 | 168 | 136 | 150 |
| **22** | --- | --- | --- | 105 | 100 | 102 | 159 | 143 | 147 | 173 | 132 | 154 |
| **23** | --- | --- | --- | 103 | 100 | 101 | 180 | 148 | 164 | --- | --- | --- |
| **24** | --- | --- | --- | 102 | 100 | 100 | 166 | 146 | 157 | --- | --- | --- |
| **25** | --- | --- | --- | 103 | 100 | 101 | 173 | 147 | 158 | 172 | 154 | 167 |
| **26** | --- | --- | --- | 102 | 100 | 101 | 188 | 144 | 170 | 170 | 147 | 158 |
| **27** | --- | --- | --- | 106 | 101 | 102 | 186 | 180 | 182 | 162 | 142 | 152 |
| **28** | --- | --- | --- | 108 | 99 | 104 | 189 | 182 | 186 | --- | --- | --- |
| **29** | --- | --- | --- | 106 | 99 | 102 | 189 | 157 | 180 | --- | --- | --- |
| **30** | --- | --- | --- | 109 | 98 | 104 | 190 | 160 | 182 | --- | --- | --- |
| **31** | 77 | 67 | 70 | --- | --- | --- | 206 | 175 | 189 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 206 | 97 | 141 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 157 | 153 | 155 | 180 | 141 | 158 | 192 | 175 | 184 |
| **2** | --- | --- | --- | 163 | 157 | 160 | 175 | 164 | 171 | 197 | 188 | 194 |
| **3** | --- | --- | --- | 161 | 158 | 160 | 176 | 160 | 171 | 195 | 186 | 191 |
| **4** | --- | --- | --- | 167 | 152 | 158 | --- | --- | --- | 228 | 185 | 202 |
| **5** | --- | --- | --- | 164 | 156 | 161 | --- | --- | --- | 229 | 183 | 205 |
| **6** | --- | --- | --- | 160 | 155 | 158 | --- | --- | --- | 192 | 156 | 183 |
| **7** | --- | --- | --- | 164 | 155 | 158 | 168 | 155 | 163 | 186 | 149 | 168 |
| **8** | --- | --- | --- | 160 | 155 | 158 | 165 | 158 | 162 | 171 | 151 | 164 |
| **9** | --- | --- | --- | 160 | 156 | 158 | 166 | 156 | 161 | 172 | 156 | 166 |
| **10** | --- | --- | --- | 163 | 156 | 159 | 166 | 161 | 165 | 168 | 155 | 161 |
| **11** | --- | --- | --- | 172 | 161 | 166 | 162 | 159 | 160 | 160 | 142 | 151 |
| **12** | --- | --- | --- | 173 | 158 | 165 | 164 | 158 | 160 | 144 | 139 | 142 |
| **13** | --- | --- | --- | 175 | 165 | 170 | 163 | 161 | 162 | 151 | 140 | 146 |
| **14** | --- | --- | --- | 185 | 167 | 176 | 164 | 162 | 163 | --- | --- | --- |
| **15** | --- | --- | --- | 287 | 179 | 225 | --- | --- | --- | --- | --- | --- |
| **16** | 147 | 138 | 141 | 217 | 153 | 178 | --- | --- | --- | --- | --- | --- |
| **17** | 146 | 140 | 144 | 188 | 154 | 168 | --- | --- | --- | --- | --- | --- |
| **18** | 146 | 141 | 143 | 166 | 132 | 149 | --- | --- | --- | 160 | 153 | 156 |
| **19** | 149 | 144 | 146 | 148 | 124 | 139 | 166 | 166 | 166 | 160 | 156 | 158 |
| **20** | 147 | 143 | 145 | 146 | 126 | 138 | 167 | 166 | 166 | 157 | 155 | 156 |
| **21** | 144 | 143 | 144 | 149 | 133 | 141 | 166 | 166 | 166 | 157 | 155 | 156 |
| **22** | 146 | 143 | 144 | 150 | 133 | 140 | 169 | 166 | 166 | 159 | 156 | 158 |
| **23** | 147 | 142 | 144 | 142 | 133 | 138 | 170 | 168 | 169 | 159 | 157 | 158 |
| **24** | 152 | 143 | 149 | 143 | 135 | 138 | 174 | 170 | 172 | 160 | 158 | 159 |
| **25** | 159 | 149 | 153 | 137 | 133 | 135 | 172 | 169 | 171 | 160 | 159 | 160 |
| **26** | 160 | 154 | 157 | 136 | 133 | 135 | 174 | 169 | 171 | 162 | 159 | 161 |
| **27** | 158 | 150 | 155 | 142 | 133 | 136 | 199 | 174 | 186 | 176 | 160 | 167 |
| **28** | 156 | 151 | 156 | 136 | 134 | 135 | 199 | 175 | 192 | 201 | 176 | 188 |
| **29** | --- | --- | --- | 138 | 135 | 137 | 188 | 174 | 180 | 196 | 177 | 186 |
| **30** | --- | --- | --- | 158 | 137 | 143 | 188 | 175 | 179 | 188 | 176 | 180 |
| **31** | --- | --- | --- | 155 | 141 | 148 | --- | --- | --- | 178 | 152 | 158 |
| **Month** | --- | --- | --- | 287 | 124 | 154 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 171 | 156 | 167 | 181 | 179 | 180 | 140 | 133 | 136 | 184 | 171 | 179 |
| **2** | 171 | 162 | 168 | 182 | 179 | 180 | 142 | 140 | 141 | 189 | 171 | 180 |
| **3** | 167 | 160 | 163 | 186 | 179 | 181 | 144 | 138 | 141 | 180 | 172 | 175 |
| **4** | 160 | 147 | 153 | 185 | 182 | 182 | 149 | 136 | 143 | 191 | 174 | 182 |
| **5** | 163 | 150 | 154 | 185 | 182 | 183 | 139 | 135 | 137 | 186 | 171 | 175 |
| **6** | 163 | 155 | 160 | 184 | 147 | 179 | 144 | 138 | 141 | 206 | 178 | 192 |
| **7** | 155 | 147 | 152 | 179 | 171 | 176 | 145 | 139 | 143 | 206 | 182 | 190 |
| **8** | 152 | 150 | 152 | 173 | 170 | 171 | 146 | 141 | 144 | 198 | 184 | 190 |
| **9** | 158 | 150 | 152 | 172 | 160 | 165 | 147 | 140 | 144 | 202 | 192 | 197 |
| **10** | 158 | 152 | 156 | 165 | 161 | 163 | 148 | 142 | 145 | 210 | 188 | 196 |
| **11** | 159 | 155 | 156 | 166 | 161 | 162 | 150 | 145 | 147 | 205 | 191 | 199 |
| **12** | 156 | 154 | 155 | 165 | 162 | 164 | 154 | 149 | 150 | 206 | 199 | 202 |
| **13** | 158 | 154 | 155 | 167 | 160 | 164 | 161 | 151 | 155 | 210 | 194 | 201 |
| **14** | 158 | 155 | 157 | 163 | 160 | 161 | 164 | 156 | 161 | 208 | 194 | 199 |
| **15** | 158 | 156 | 157 | 163 | 159 | 161 | 156 | 149 | 151 | 213 | 195 | 204 |
| **16** | 158 | 155 | 156 | 161 | 159 | 160 | 162 | 146 | 155 | 205 | 195 | 200 |
| **17** | 161 | 156 | 159 | 161 | 157 | 160 | 155 | 151 | 152 | 209 | 198 | 204 |
| **18** | 170 | 159 | 164 | 164 | 158 | 162 | 154 | 150 | 152 | 201 | 197 | 198 |
| **19** | 183 | 161 | 170 | 164 | 152 | 159 | 156 | 151 | 154 | 202 | 197 | 198 |
| **20** | 186 | 167 | 177 | 155 | 140 | 145 | 177 | 153 | 164 | 203 | 199 | 201 |
| **21** | 184 | 177 | 179 | 147 | 134 | 139 | 173 | 157 | 163 | 207 | 203 | 205 |
| **22** | 188 | 178 | 182 | 146 | 123 | 134 | 171 | 157 | 163 | 208 | 205 | 206 |
| **23** | 188 | 178 | 182 | 132 | 124 | 128 | 166 | 154 | 159 | 209 | 206 | 207 |
| **24** | 195 | 180 | 186 | 132 | 127 | 129 | 170 | 159 | 163 | 208 | 203 | 206 |
| **25** | 192 | 181 | 187 | 135 | 129 | 132 | 160 | 158 | 159 | 209 | 204 | 207 |
| **26** | 191 | 185 | 189 | 137 | 134 | 136 | 170 | 157 | 161 | 209 | 203 | 206 |
| **27** | 187 | 183 | 185 | 138 | 135 | 137 | 174 | 169 | 171 | 211 | 205 | 208 |
| **28** | 188 | 184 | 186 | 138 | 135 | 137 | 177 | 171 | 174 | 212 | 205 | 209 |
| **29** | 187 | 181 | 184 | 138 | 132 | 135 | 175 | 173 | 174 | 212 | 204 | 207 |
| **30** | 186 | 178 | 182 | 140 | 134 | 138 | 184 | 174 | 178 | 210 | 205 | 208 |
| **31** | --- | --- | --- | 143 | 134 | 139 | 186 | 178 | 182 | --- | --- | --- |
| **Month** | 195 | 147 | 168 | 186 | 123 | 156 | 186 | 133 | 155 | 213 | 171 | 198 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

50

100

150

200

250

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 209 | 205 | 207 | --- | --- | --- | 211 | 211 | 211 | 227 | 209 | 215 |
| **2** | 209 | 204 | 206 | --- | --- | --- | 211 | 208 | 210 | 219 | 212 | 214 |
| **3** | 209 | 204 | 206 | 207 | 185 | 191 | 208 | 200 | 205 | 227 | 214 | 220 |
| **4** | 210 | 207 | 209 | 208 | 189 | 196 | 207 | 203 | 205 | 221 | 216 | 218 |
| **5** | 214 | 209 | 211 | 208 | 204 | 206 | 207 | 205 | 206 | 218 | 213 | 216 |
| **6** | 212 | 204 | 207 | 204 | 193 | 200 | 208 | 205 | 207 | 223 | 218 | 221 |
| **7** | 213 | 205 | 208 | 202 | 196 | 200 | 208 | 201 | 205 | 224 | 217 | 222 |
| **8** | 217 | 207 | 212 | 206 | 201 | 204 | 203 | 198 | 202 | 225 | 218 | 222 |
| **9** | 221 | 208 | 217 | 206 | 201 | 203 | 201 | 198 | 199 | 235 | 217 | 228 |
| **10** | 217 | 206 | 209 | 202 | 201 | 202 | 203 | 199 | 200 | 227 | 221 | 224 |
| **11** | 227 | --- | --- | 202 | 199 | 200 | 203 | 195 | 199 | 228 | 223 | 225 |
| **12** | 230 | 212 | 219 | 202 | 199 | 200 | 203 | 196 | 198 | 229 | 222 | 225 |
| **13** | 214 | 211 | 212 | 202 | 199 | 200 | 203 | 195 | 200 | 234 | 220 | 227 |
| **14** | 228 | 211 | 221 | 202 | 201 | 202 | 202 | 196 | 198 | 233 | 222 | 227 |
| **15** | 227 | 214 | 219 | 204 | 202 | 203 | 204 | 198 | 201 | 232 | 223 | 227 |
| **16** | 266 | 222 | 240 | 205 | 203 | 204 | 206 | 201 | 203 | 234 | 217 | 224 |
| **17** | 277 | 242 | 262 | 204 | 202 | 204 | 204 | 200 | 202 | 241 | 221 | 232 |
| **18** | 242 | 222 | 227 | 203 | 200 | 202 | 204 | 200 | 202 | 232 | 220 | 224 |
| **19** | 223 | 199 | 213 | 203 | 202 | 202 | 205 | 203 | 204 | 267 | 217 | 231 |
| **20** | 229 | 210 | 222 | 208 | 198 | 201 | 215 | 198 | 204 | 256 | 247 | 251 |
| **21** | 224 | 212 | 217 | 224 | 208 | 215 | 216 | 205 | 209 | 258 | 243 | 249 |
| **22** | 223 | 210 | 216 | 233 | 214 | 225 | 213 | 203 | 206 | 262 | 247 | 253 |
| **23** | 223 | 215 | 220 | 235 | 228 | 231 | 218 | 202 | 209 | 265 | 250 | 259 |
| **24** | 216 | 196 | 213 | 229 | 212 | 222 | 220 | 213 | 217 | 252 | 205 | 236 |
| **25** | 216 | 207 | 214 | 218 | 211 | 215 | 218 | 207 | 211 | 250 | 226 | 238 |
| **26** | 214 | 193 | 204 | 214 | 207 | 210 | 211 | 207 | 209 | 233 | 223 | 228 |
| **27** | 203 | 188 | 194 | 211 | 208 | 210 | 219 | 211 | 214 | 225 | 216 | 221 |
| **28** | 206 | 183 | 200 | 212 | 210 | 211 | 216 | 211 | 213 | 227 | 221 | 225 |
| **29** | 207 | 185 | 200 | 212 | 210 | 211 | 225 | 211 | 216 | 226 | 216 | 220 |
| **30** | 203 | 190 | 194 | 211 | 209 | 210 | 219 | 215 | 216 | 228 | 212 | 220 |
| **31** | --- | --- | --- | --- | --- | --- | 216 | 210 | 212 | 222 | 212 | 215 |
| **Month** | --- | --- | --- | --- | --- | --- | 225 | 195 | 206 | 267 | 205 | 228 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 232 | 213 | 227 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 231 | 214 | 225 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 224 | 210 | 219 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 217 | 209 | 211 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 215 | 206 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 223 | 201 | 211 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 220 | 199 | 206 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 220 | 204 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 214 | 205 | 208 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 221 | 204 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 223 | 205 | 218 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 219 | 206 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 215 | 206 | 211 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 213 | 208 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 209 | 208 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 218 | 208 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

190

200

210

220

230

240

250

260

270

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | --- | --- | 6.8 | 6.6 | 7.3 | 7.2 | 7.6 | 7.4 | --- | --- | 7.6 | 7.5 |
| **2** | --- | --- | 6.9 | 6.5 | 7.3 | 7.2 | 7.6 | 7.5 | --- | --- | 7.6 | 7.5 |
| **3** | --- | --- | 6.9 | 6.8 | 7.4 | 7.2 | 7.7 | 7.5 | --- | --- | 7.6 | 7.5 |
| **4** | --- | --- | 6.9 | 6.7 | 7.5 | 7.2 | 7.7 | 7.6 | --- | --- | 7.6 | 7.5 |
| **5** | --- | --- | 6.9 | 6.8 | 7.6 | 7.3 | 7.7 | 7.5 | --- | --- | 7.6 | 7.5 |
| **6** | --- | --- | 6.9 | 6.9 | 7.5 | 7.4 | 7.6 | 7.5 | --- | --- | 7.6 | 7.4 |
| **7** | --- | --- | 7.0 | 6.9 | 7.5 | 7.4 | 7.6 | 7.4 | --- | --- | 7.5 | 7.4 |
| **8** | --- | --- | 7.0 | 6.8 | 7.6 | 7.4 | 7.4 | 7.4 | --- | --- | 7.5 | 7.4 |
| **9** | --- | --- | 7.0 | 6.9 | 7.6 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.4 |
| **10** | --- | --- | 7.0 | 7.0 | 7.4 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.3 |
| **11** | --- | --- | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.4 |
| **12** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **13** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.4 |
| **14** | --- | --- | --- | --- | 7.6 | 7.3 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **15** | --- | --- | --- | --- | 7.5 | 7.3 | 7.5 | 7.5 | --- | --- | 7.8 | 7.5 |
| **16** | --- | --- | --- | --- | 7.3 | 7.3 | 7.6 | 7.5 | 7.6 | 7.5 | 7.5 | 7.2 |
| **17** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.6 | 7.4 | 7.6 | 7.5 | 7.4 | 7.2 |
| **18** | --- | --- | 7.2 | 7.0 | 7.5 | 7.3 | 7.4 | 7.3 | 7.6 | 7.4 | 7.3 | 7.2 |
| **19** | --- | --- | 7.2 | 7.0 | 7.5 | 7.4 | 7.5 | 7.3 | 7.5 | 7.5 | 7.2 | 7.1 |
| **20** | --- | --- | 7.2 | 7.1 | 7.5 | 7.3 | 7.5 | 7.4 | 7.5 | 7.5 | 7.2 | 7.1 |
| **21** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.5 | 7.3 | 7.5 | 7.4 | 7.2 | 7.1 |
| **22** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.6 | 7.3 | 7.6 | 7.3 | 7.2 | 7.1 |
| **23** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | --- | --- | 7.7 | 7.5 | 7.1 | 7.1 |
| **24** | --- | --- | 7.2 | 7.0 | 7.4 | 7.3 | --- | --- | 7.6 | 7.6 | 7.1 | 7.1 |
| **25** | --- | --- | 7.1 | 7.0 | 7.5 | 7.3 | 7.6 | 7.4 | 7.7 | 7.5 | 7.1 | 7.1 |
| **26** | --- | --- | 7.2 | 7.0 | 7.6 | 7.3 | 7.4 | 7.3 | 7.6 | 7.5 | 7.2 | 7.0 |
| **27** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | 7.4 | 7.3 | 7.6 | 7.5 | 7.2 | 7.1 |
| **28** | --- | --- | 7.2 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 | 7.3 | 7.1 |
| **29** | --- | --- | 7.2 | 7.2 | 7.6 | 7.5 | --- | --- | --- | --- | 7.4 | 7.3 |
| **30** | --- | --- | 7.3 | 7.2 | 7.8 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **31** | 6.8 | 6.7 | --- | --- | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **Month** | --- | --- | --- | --- | 7.8 | 7.2 | --- | --- | --- | --- | 7.8 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.5 | 7.3 | 7.6 | 7.4 | 8.8 | 7.3 | 8.3 | 7.9 | 8.3 | 7.9 | 7.9 | 7.6 |
| **2** | 7.5 | 7.4 | 7.6 | 7.4 | 8.9 | 7.8 | 7.9 | 7.8 | 9.0 | 7.8 | 7.9 | 7.6 |
| **3** | 7.5 | 7.1 | 7.5 | 7.4 | 8.9 | 7.9 | 8.4 | 7.8 | 9.0 | 7.9 | 8.6 | 7.8 |
| **4** | --- | --- | 7.6 | 7.4 | 9.1 | 7.4 | 8.1 | 7.6 | 9.0 | 8.3 | 8.6 | 7.5 |
| **5** | --- | --- | 7.6 | 7.3 | 9.1 | 7.5 | 8.2 | 7.5 | 8.6 | 7.7 | 8.0 | 7.5 |
| **6** | --- | --- | 7.4 | 7.2 | 8.8 | 7.4 | 7.6 | 7.4 | 8.0 | 7.4 | 8.7 | 7.7 |
| **7** | 7.5 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 8.3 | 7.3 | 7.8 | 7.3 | 9.1 | 7.8 |
| **8** | 7.6 | 7.1 | 7.4 | 7.2 | 7.2 | 7.1 | 8.5 | 7.5 | 7.7 | 7.3 | 9.2 | 8.0 |
| **9** | 7.7 | 7.0 | 7.3 | 7.2 | 7.3 | 7.1 | 8.0 | 7.5 | 8.0 | 7.2 | 9.2 | 8.4 |
| **10** | 7.6 | 7.1 | 7.5 | 7.1 | 7.9 | 7.2 | 8.5 | 7.5 | 9.1 | 7.3 | 9.5 | 8.3 |
| **11** | 7.4 | 7.2 | 7.5 | 7.2 | 8.1 | 7.2 | 8.1 | 7.6 | 9.1 | 7.4 | 9.1 | 8.3 |
| **12** | 7.5 | 7.2 | 7.8 | 7.2 | 8.4 | 7.3 | 8.2 | 7.6 | 8.9 | 7.7 | 8.4 | 7.6 |
| **13** | 7.4 | 7.3 | 8.2 | 7.0 | 8.5 | 7.3 | 8.7 | 7.5 | 8.3 | 7.5 | 8.5 | 7.9 |
| **14** | 7.4 | 7.3 | --- | --- | 8.1 | 7.3 | 8.2 | 7.7 | 8.2 | 7.6 | 9.4 | 8.1 |
| **15** | --- | --- | --- | --- | 8.2 | 7.4 | 8.1 | 7.7 | 7.8 | 7.4 | 9.2 | 8.7 |
| **16** | --- | --- | --- | --- | 7.8 | 7.3 | 8.3 | 7.5 | 7.4 | 7.3 | 9.3 | 8.5 |
| **17** | --- | --- | --- | --- | 7.3 | 7.2 | 8.3 | 7.6 | 7.5 | 7.2 | 9.2 | 8.8 |
| **18** | --- | --- | 7.4 | 7.2 | --- | --- | 8.1 | 7.6 | 7.7 | 7.4 | 9.2 | 8.5 |
| **19** | 7.7 | 7.4 | 7.6 | 7.3 | 8.2 | --- | 7.9 | 7.6 | 8.0 | 7.4 | 9.2 | 8.6 |
| **20** | 7.8 | 7.4 | 7.4 | 7.3 | 8.8 | 7.7 | 7.7 | 7.5 | 8.5 | 7.7 | 9.3 | 8.8 |
| **21** | 7.9 | 7.4 | 7.4 | 7.3 | 8.7 | 7.8 | 8.1 | 7.4 | 8.9 | 7.8 | 9.5 | 8.8 |
| **22** | 7.6 | 7.4 | 7.4 | 7.3 | 8.3 | 7.7 | 7.8 | 7.4 | 8.9 | 8.1 | 9.1 | 8.4 |
| **23** | 7.6 | 7.4 | 7.4 | 7.2 | 8.2 | 7.8 | 7.7 | 7.4 | 8.9 | 8.0 | 8.8 | 8.0 |
| **24** | 7.5 | 7.4 | 7.4 | 7.3 | 8.0 | 7.4 | 7.9 | 7.6 | 9.2 | 8.0 | 9.4 | 7.9 |
| **25** | 7.5 | 7.4 | 7.5 | 7.3 | 7.8 | 7.5 | 8.3 | 7.8 | 8.6 | 8.1 | 9.3 | 9.0 |
| **26** | 7.6 | 7.4 | 7.4 | 7.3 | 7.6 | 7.6 | 8.5 | 7.8 | 8.9 | 8.2 | 9.4 | 8.7 |
| **27** | 7.6 | 7.4 | 7.6 | 7.3 | 7.8 | 7.6 | 7.8 | 7.4 | 9.1 | 8.4 | 9.3 | 8.9 |
| **28** | 7.9 | 7.5 | 7.5 | 7.4 | 8.1 | 7.6 | 7.8 | 7.3 | 9.0 | 8.5 | 9.1 | 8.7 |
| **29** | 7.9 | 7.4 | 7.7 | 7.2 | 8.2 | 7.7 | 8.2 | 7.5 | 8.9 | 8.2 | 8.8 | 8.2 |
| **30** | 8.1 | 7.4 | 8.0 | 7.4 | 8.5 | 7.7 | 8.1 | 7.7 | 8.9 | 7.7 | 8.6 | 7.9 |
| **31** | --- | --- | 8.4 | 7.4 | --- | --- | 8.4 | 7.7 | 8.6 | 7.7 | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 8.7 | 7.3 | 9.2 | 7.2 | 9.5 | 7.5 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 9.1 | 8.1 | --- | --- | 8.6 | 8.0 | 8.1 | 7.8 | 8.0 | 7.5 | --- | --- |
| **2** | 9.3 | 8.1 | --- | --- | 8.0 | 7.7 | 8.1 | 7.8 | 8.2 | 7.6 | --- | --- |
| **3** | 9.5 | 8.7 | 9.8 | 8.9 | 7.8 | 7.6 | 8.0 | 7.8 | 7.7 | 7.6 | --- | --- |
| **4** | 9.4 | 9.0 | 9.9 | 9.3 | 7.9 | 7.6 | 7.9 | 7.7 | 7.6 | 7.5 | --- | --- |
| **5** | 9.1 | 8.0 | 9.8 | 9.5 | 7.8 | 7.7 | 7.9 | 7.7 | 7.7 | 7.6 | --- | --- |
| **6** | 9.0 | 7.9 | 9.7 | 9.3 | 7.9 | 7.7 | 7.8 | 7.7 | 7.9 | 7.6 | --- | --- |
| **7** | 8.5 | 8.1 | 9.3 | 8.4 | 8.5 | 7.5 | 7.8 | 7.7 | 7.7 | 7.6 | --- | --- |
| **8** | 8.5 | 8.0 | 8.8 | 8.3 | 7.8 | 7.5 | 7.8 | 7.7 | 7.7 | 7.6 | --- | --- |
| **9** | 8.6 | 8.3 | 9.0 | 8.3 | 7.7 | 7.4 | 8.0 | 7.7 | 7.9 | 7.6 | --- | --- |
| **10** | 8.7 | 8.0 | 9.1 | 8.6 | 8.3 | 7.5 | 7.9 | 7.7 | 8.2 | 7.8 | --- | --- |
| **11** | 9.4 | 8.4 | 9.2 | 8.7 | 7.6 | 7.4 | 7.9 | 7.6 | 8.4 | 7.8 | --- | --- |
| **12** | 9.5 | 8.5 | 9.4 | 8.6 | 7.6 | 7.4 | 7.8 | 7.6 | 7.9 | 7.6 | --- | --- |
| **13** | 9.3 | 8.7 | 9.2 | 8.9 | 7.7 | 7.4 | 8.0 | 7.7 | 8.1 | 7.7 | --- | --- |
| **14** | 9.1 | 8.6 | 9.3 | 8.9 | 7.4 | 7.4 | 8.2 | 7.7 | 7.9 | 7.7 | --- | --- |
| **15** | 9.1 | 8.4 | 9.0 | 8.7 | 7.6 | 7.4 | 8.4 | 7.9 | 7.8 | 7.7 | --- | --- |
| **16** | 9.4 | 8.5 | 10.5 | 8.4 | 7.8 | 7.5 | 8.2 | 7.8 | 7.9 | 7.7 | --- | --- |
| **17** | 9.4 | 8.9 | 8.8 | 8.3 | 7.8 | 7.5 | 8.5 | 7.8 | \*--- | \*--- | --- | --- |
| **18** | 9.0 | 8.4 | 8.7 | 8.1 | 7.9 | 7.5 | 7.9 | 7.8 | --- | --- | --- | --- |
| **19** | 8.9 | 8.4 | 8.9 | 8.3 | 8.2 | 7.7 | 8.2 | 7.8 | --- | --- | --- | --- |
| **20** | 9.0 | 8.6 | 8.8 | 8.0 | 8.2 | 7.6 | 8.4 | 8.1 | --- | --- | --- | --- |
| **21** | 8.8 | 8.4 | 8.2 | 7.9 | 8.1 | 7.7 | 8.3 | 8.0 | --- | --- | --- | --- |
| **22** | 8.8 | 8.2 | 8.0 | 7.7 | 8.1 | 7.6 | 8.5 | 8.0 | --- | --- | --- | --- |
| **23** | 8.5 | 7.9 | 7.8 | 7.6 | 8.4 | 7.6 | 8.3 | 7.9 | --- | --- | --- | --- |
| **24** | 8.5 | 7.7 | 7.8 | 7.7 | 8.2 | 7.9 | 8.2 | 7.7 | --- | --- | --- | --- |
| **25** | 8.6 | 7.7 | 7.7 | 7.6 | 8.5 | 7.8 | 7.9 | 7.8 | --- | --- | --- | --- |
| **26** | 8.1 | 7.5 | 8.0 | 7.6 | 8.3 | 7.7 | 8.2 | 7.7 | --- | --- | --- | --- |
| **27** | 7.7 | 7.3 | 7.8 | 7.5 | 8.1 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **28** | 7.4 | 7.2 | 8.1 | 7.6 | 8.2 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **29** | 7.3 | 7.1 | 8.4 | 7.8 | 7.9 | 7.7 | 7.8 | 7.5 | --- | --- | --- | --- |
| **30** | 7.2 | 7.0 | 8.3 | 7.8 | 8.0 | 7.7 | 7.7 | 7.6 | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | 8.1 | 7.6 | 7.7 | 7.5 | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | 8.6 | 7.4 | 8.5 | 7.5 | --- | --- | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | 4.0 | 3.4 | 3.8 | 8.3 | 7.6 | 7.9 | 10.2 | 9.4 | 9.7 |
| **2** | --- | --- | --- | 3.8 | 3.4 | 3.7 | 8.3 | 8.0 | 8.1 | 10.0 | 9.7 | 9.8 |
| **3** | --- | --- | --- | --- | --- | --- | 9.1 | 8.0 | 8.7 | 10.0 | 9.0 | 9.4 |
| **4** | --- | --- | --- | --- | --- | --- | 9.4 | 8.5 | 8.9 | 9.4 | 8.8 | 9.2 |
| **5** | --- | --- | --- | --- | --- | --- | 9.5 | 8.6 | 9.0 | 9.8 | 8.4 | 9.2 |
| **6** | --- | --- | --- | --- | --- | --- | 9.2 | 8.6 | 8.8 | 9.8 | 8.8 | 9.3 |
| **7** | --- | --- | --- | --- | --- | --- | 9.3 | 8.6 | 8.8 | 9.3 | 8.0 | 8.9 |
| **8** | --- | --- | --- | --- | --- | --- | 9.2 | 8.9 | 9.0 | 9.4 | 8.9 | 9.2 |
| **9** | --- | --- | --- | --- | --- | --- | 9.3 | 8.9 | 9.1 | 9.4 | 8.6 | 9.1 |
| **10** | --- | --- | --- | --- | --- | --- | 9.5 | 8.7 | 8.9 | 9.6 | 8.7 | 9.1 |
| **11** | --- | --- | --- | --- | --- | --- | 9.2 | 8.8 | 9.0 | 9.3 | 8.8 | 9.1 |
| **12** | --- | --- | --- | --- | --- | --- | 10.0 | 8.9 | 9.2 | 9.6 | 9.0 | 9.3 |
| **13** | --- | --- | --- | --- | --- | --- | 10.2 | 9.0 | 9.4 | 9.7 | 8.8 | 9.3 |
| **14** | --- | --- | --- | --- | --- | --- | 10.4 | 9.8 | 10.1 | 9.8 | 8.2 | 9.2 |
| **15** | --- | --- | --- | --- | --- | --- | 10.4 | 9.6 | 10 | 10.2 | 9.1 | 9.8 |
| **16** | --- | --- | --- | --- | --- | --- | 9.8 | 9.2 | 9.5 | 10.7 | 9.9 | 10.2 |
| **17** | --- | --- | --- | 8.6 | 7.4 | 7.8 | 9.8 | 9.1 | 9.5 | 10.7 | 10.2 | 10.5 |
| **18** | --- | --- | --- | 8.4 | 7.5 | 7.8 | 9.8 | 9.3 | 9.5 | 10.7 | 10.4 | 10.6 |
| **19** | --- | --- | --- | 8.1 | 7.4 | 7.6 | 9.7 | 9.3 | 9.5 | 11.2 | 10.7 | 10.9 |
| **20** | --- | --- | --- | 8.0 | 7.5 | 7.8 | 9.6 | 9.2 | 9.4 | 10.8 | 10.2 | 10.6 |
| **21** | --- | --- | --- | 9.0 | 7.4 | 7.9 | 9.5 | 9.1 | 9.3 | --- | --- | --- |
| **22** | --- | --- | --- | 8.7 | 7.5 | 7.7 | 9.3 | 8.9 | 9.1 | --- | --- | --- |
| **23** | --- | --- | --- | 8.5 | 7.6 | 7.9 | 9.1 | 8.8 | 8.9 | --- | --- | --- |
| **24** | --- | --- | --- | 8.5 | 7.5 | 7.7 | 9.4 | 9.0 | 9.2 | --- | --- | --- |
| **25** | --- | --- | --- | 8.4 | 7.5 | 7.8 | 9.6 | 9.0 | 9.3 | --- | --- | --- |
| **26** | --- | --- | --- | 8.3 | 7.4 | 7.7 | 10.0 | 9.0 | 9.5 | 9.8 | 9.0 | 9.3 |
| **27** | --- | --- | --- | 8.5 | 7.5 | 7.8 | 9.9 | 9.3 | 9.6 | 9.7 | 8.5 | 9.1 |
| **28** | --- | --- | --- | 8.7 | 7.7 | 8.0 | 10.0 | 9.2 | 9.5 | --- | --- | --- |
| **29** | --- | --- | --- | 8.5 | 7.5 | 7.9 | 9.9 | 9.5 | 9.7 | --- | --- | --- |
| **30** | --- | --- | --- | 7.8 | 7.3 | 7.6 | 10.3 | 9.6 | 9.8 | --- | --- | --- |
| **31** | 4.4 | 4.0 | 4.2 | --- | --- | --- | 9.7 | 9.4 | 9.6 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 10.4 | 7.6 | 9.2 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 9.1 | 8.3 | 8.5 | 7.1 | 5.6 | 6.1 | 7.8 | 6.5 | 7.4 |
| **2** | --- | --- | --- | 8.9 | 8.2 | 8.5 | 7.3 | 5.2 | 5.9 | 7.4 | 6.0 | 7.0 |
| **3** | --- | --- | --- | 8.5 | 8.2 | 8.4 | 7.6 | 5.2 | 6.2 | 7.2 | 6.2 | 6.9 |
| **4** | --- | --- | --- | 8.8 | 8.1 | 8.4 | 8.3 | 6.0 | 6.7 | 7.2 | 6.4 | 6.9 |
| **5** | --- | --- | --- | 9.3 | 8.0 | 8.5 | --- | --- | --- | 7.0 | 5.5 | 6.7 |
| **6** | --- | --- | --- | 9.1 | 7.9 | 8.5 | --- | --- | --- | 6.7 | 5.8 | 6.4 |
| **7** | --- | --- | --- | 9.1 | 7.7 | 8.2 | 7.5 | 7.0 | 7.3 | 6.7 | 5.3 | 6.3 |
| **8** | --- | --- | --- | 8.7 | 7.8 | 8.1 | 7.8 | 7.4 | 7.6 | 6.8 | 5.4 | 6.2 |
| **9** | --- | --- | --- | 9.0 | 7.7 | 8.3 | 8.0 | 7.4 | 7.6 | 6.6 | 5.2 | 6.2 |
| **10** | --- | --- | --- | 8.4 | 7.5 | 7.9 | 8.0 | 7.2 | 7.5 | --- | --- | --- |
| **11** | --- | --- | --- | 8.2 | 7.2 | 7.6 | 8.0 | 7.2 | 7.4 | 7.7 | 6.2 | 6.9 |
| **12** | --- | --- | --- | 8.6 | 7.1 | 8.0 | 8.3 | 7.3 | 7.6 | 8.3 | 6.6 | 7.0 |
| **13** | --- | --- | --- | 8.0 | 6.8 | 7.3 | 7.9 | 7.8 | 7.8 | 8.8 | 5.5 | 6.6 |
| **14** | --- | --- | --- | 8.2 | 6.8 | 7.4 | 8.1 | 7.8 | 7.9 | --- | --- | --- |
| **15** | --- | --- | --- | 7.5 | 6.6 | 7.0 | --- | --- | --- | --- | --- | --- |
| **16** | 10.1 | 9.5 | 9.8 | 7.0 | 5.4 | 6.3 | --- | --- | --- | --- | --- | --- |
| **17** | 10.4 | 9.7 | 10.0 | 6.2 | 4.9 | 5.7 | --- | --- | --- | --- | --- | --- |
| **18** | 10.4 | 9.6 | 9.9 | 6.1 | 5.0 | 5.7 | --- | --- | --- | 6.7 | 5.2 | 5.7 |
| **19** | 10.0 | 9.8 | 9.9 | 6.3 | 5.8 | 6.1 | 8.4 | 7.6 | 7.9 | 7.4 | 6.1 | 6.6 |
| **20** | 10.0 | 9.7 | 9.8 | 6.4 | 5.6 | 6.1 | 8.8 | 7.9 | 8.3 | 7.0 | 6.1 | 6.6 |
| **21** | 10.1 | 9.7 | 9.8 | 6.7 | 5.5 | 6.3 | 8.9 | 8.0 | 8.2 | 6.8 | 6.2 | 6.5 |
| **22** | 10.1 | 9.7 | 9.8 | 6.3 | 5.3 | 5.9 | 8.3 | 7.8 | 8.1 | 7.0 | 6.0 | 6.5 |
| **23** | 9.9 | 9.5 | 9.8 | 6.4 | 5.3 | 6.0 | 8.2 | 7.5 | 7.9 | 7.2 | 6.2 | 6.7 |
| **24** | 9.5 | 9.1 | 9.3 | 6.3 | 5.5 | 6.0 | 7.7 | 7.2 | 7.5 | 7.7 | 6.6 | 7.2 |
| **25** | 9.5 | 9.0 | 9.2 | 6.9 | 5.4 | 6.0 | 7.9 | 7.4 | 7.7 | 7.9 | 7.0 | 7.5 |
| **26** | 9.5 | 8.8 | 9.1 | 6.2 | 5.3 | 5.8 | 8.0 | 7.5 | 7.7 | 7.6 | 7.0 | 7.3 |
| **27** | 9.5 | 8.7 | 9.0 | 6.2 | 5.5 | 5.8 | 8.0 | 7.5 | 7.8 | 8.7 | 7.0 | 7.7 |
| **28** | 9.2 | 8.6 | 8.8 | 6.1 | 5.3 | 5.7 | 8.8 | 7.0 | 7.8 | 7.9 | 7.0 | 7.4 |
| **29** | --- | --- | --- | 6.3 | 5.8 | 6.1 | 8.7 | 7.2 | 8.0 | 9.1 | 6.3 | 7.2 |
| **30** | --- | --- | --- | 6.3 | 5.7 | 6.1 | 8.8 | 7.2 | 8.0 | 10.3 | 6.8 | 8.2 |
| **31** | --- | --- | --- | 6.3 | 5.8 | 6.0 | --- | --- | --- | 11.8 | 7.8 | 9.4 |
| **Month** | --- | --- | --- | 9.3 | 4.9 | 7.0 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 10.6 | 6.1 | 9.1 | 8.2 | 7.0 | 7.5 | 9.7 | 5.1 | 7.6 | --- | --- | --- |
| **2** | 10.3 | 7.6 | 8.5 | 7.2 | 6.3 | 6.8 | 10.0 | 3.9 | 7.1 | --- | --- | --- |
| **3** | 9.7 | 7.8 | 8.5 | --- | --- | --- | 9.9 | 6.9 | 8.3 | --- | --- | --- |
| **4** | 11.8 | 6.1 | 7.8 | --- | --- | --- | 9.9 | 7.3 | 8.2 | 8.6 | 4.7 | 6.9 |
| **5** | 11.9 | 6.7 | 9.0 | --- | --- | --- | 8.9 | 6.5 | 7.6 | 8.5 | 7.1 | 7.9 |
| **6** | 10.8 | 7.2 | 8.6 | 7.1 | 6.0 | 6.6 | 8.1 | 6.0 | 7.0 | 9.2 | 7.2 | 8.3 |
| **7** | 7.5 | 5.9 | 6.4 | 8.8 | 5.7 | 6.6 | 8.6 | 5.4 | 6.7 | 11.2 | 6.2 | 8.2 |
| **8** | 6.8 | 5.8 | 6.3 | 10.1 | 7.1 | 8.2 | 8.3 | 5.7 | 6.5 | 11.6 | 7.2 | 9.0 |
| **9** | 6.9 | 5.6 | 6.2 | 8.9 | 7.4 | 8.1 | 9.4 | 4.5 | 6.7 | --- | --- | --- |
| **10** | 9.2 | 6.0 | 6.9 | 10.1 | 7.5 | 8.4 | 9.9 | 4.3 | 7.6 | --- | --- | --- |
| **11** | 9.0 | 5.3 | 7.5 | 8.8 | 6.8 | 7.6 | 10.2 | 3.8 | 7.7 | --- | --- | --- |
| **12** | 10.3 | 6.2 | 8.0 | 9.3 | 6.5 | 7.7 | 8.9 | 6.4 | 7.5 | --- | --- | --- |
| **13** | 10.7 | 5.6 | 7.7 | 8.4 | 5.8 | 7.1 | 8.8 | 5.7 | 7.0 | --- | --- | --- |
| **14** | 8.0 | 5.4 | 6.2 | --- | --- | --- | 9.2 | 6.3 | 7.6 | --- | --- | --- |
| **15** | 7.6 | 4.7 | 5.9 | --- | --- | --- | 7.8 | 6.5 | 7.1 | 11.3 | 8.4 | 10.0 |
| **16** | 6.3 | 4.8 | 5.7 | --- | --- | --- | 6.5 | 4.4 | 5.3 | 11.8 | 7.6 | 9.4 |
| **17** | 5.8 | 4.9 | 5.4 | --- | --- | --- | 6.4 | 3.6 | 4.9 | 10.9 | 8.0 | 9.3 |
| **18** | --- | --- | --- | 8.4 | 6.2 | 7.3 | 7.6 | 4.8 | 6.4 | 10.5 | 7.0 | 8.6 |
| **19** | --- | --- | --- | 8.0 | 6.4 | 7.2 | 8.1 | 4.8 | 6.4 | 10.3 | 7.5 | 8.6 |
| **20** | 9.6 | 6.5 | 7.5 | 7.6 | 6.2 | 6.7 | 9.6 | 5.8 | 7.2 | 10.2 | 7.0 | 8.5 |
| **21** | 9.2 | 6.8 | 7.8 | 10.7 | 5.3 | 7.3 | 10.3 | 6.8 | 8.2 | 11.2 | 7.2 | 8.8 |
| **22** | 8.8 | 6.5 | 7.5 | 9.7 | 6.7 | 8.3 | 9.4 | 7.2 | 8.0 | 9.0 | 6.9 | 8.0 |
| **23** | 8.2 | 7.0 | 7.5 | 8.7 | 6.9 | 7.8 | 9.0 | 6.7 | 7.9 | 9.5 | 5.3 | 6.4 |
| **24** | 7.7 | 4.4 | 6.4 | 10.1 | 6.8 | 8.2 | 11.0 | 6.4 | 8.0 | 10.0 | 5.1 | 7.3 |
| **25** | 6.9 | 5.3 | 6.0 | 10.7 | 5.9 | 8.1 | 9.1 | 6.8 | 7.5 | 9.6 | 7.3 | 8.1 |
| **26** | 5.6 | 4.8 | 5.2 | 9.4 | 5.7 | 7.5 | 10.1 | 6.4 | 7.7 | 9.9 | 6.6 | 7.9 |
| **27** | 7.3 | 5.6 | 6.3 | 7.6 | 6.4 | 6.9 | --- | --- | --- | 9.6 | 7.1 | 8.4 |
| **28** | 8.4 | 5.5 | 7.0 | 8.0 | 5.4 | 6.3 | --- | --- | --- | 8.9 | 7.2 | 7.9 |
| **29** | 9.3 | 6.3 | 7.6 | 10.4 | 6.4 | 7.4 | 8.1 | 6.4 | 7.1 | 8.0 | 6.0 | 7.0 |
| **30** | 10.3 | 6.4 | 8.3 | 10.3 | 6.9 | 7.9 | 10.4 | 5.3 | 7.2 | 7.4 | 5.0 | 6.2 |
| **31** | --- | --- | --- | 10.8 | 6.2 | 7.6 | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

3.0

4.0

5.0

6.0

7.0

8.0

9.0

10.0

11.0

MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | 10.1 | 5.7 | 7.4 | --- | --- | --- | 11.8 | 10.0 | 10.6 | 10.9 | 9.9 | 10.4 |
| **2** | 11.7 | 6.3 | 8.6 | --- | --- | --- | 10.2 | 9.1 | 9.7 | 11.1 | 10.0 | 10.6 |
| **3** | 12.5 | 7.7 | 9.7 | 15.2 | 10.1 | 12.2 | 9.4 | 8.3 | 9.0 | 11.0 | 10.5 | 10.8 |
| **4** | 11.1 | 8.8 | 9.8 | 15.1 | 11.2 | 13.1 | 10.4 | 8.5 | 9.1 | 11.0 | 10.2 | 10.6 |
| **5** | 8.8 | 5.6 | 7.3 | 12.5 | 10.4 | 11.4 | 9.5 | 8.3 | 8.7 | 11.2 | 10.4 | 10.7 |
| **6** | 10.4 | 5.7 | 7.3 | 10.9 | 8.5 | 9.9 | 9.8 | 8.2 | 9.1 | 10.9 | 10.4 | 10.6 |
| **7** | 8.4 | 6.9 | 7.6 | 8.5 | 6.8 | 7.6 | 10.4 | 8.3 | 9.1 | 10.7 | 10.2 | 10.5 |
| **8** | 9.2 | 6.3 | 7.4 | 8.2 | 6.6 | 7.3 | 9.7 | 8.7 | 9.1 | 10.4 | 10.0 | 10.3 |
| **9** | 9.1 | 7.2 | 8.1 | 9.4 | 5.7 | 7.5 | 9.7 | 8.6 | 9.1 | 10.8 | 9.8 | 10.2 |
| **10** | 8.8 | 5.5 | 7.1 | 10.0 | 7.2 | 8.5 | 10.6 | 8.9 | 9.4 | 10.7 | 9.6 | 10.1 |
| **11** | 11.9 | 6.6 | 8.8 | 9.6 | 7.3 | 8.3 | 9.2 | 8.4 | 8.8 | 10.8 | 9.1 | 10.0 |
| **12** | 11.1 | 7.1 | 9.2 | 11.4 | 6.7 | 8.6 | 8.9 | 8.0 | 8.5 | 10.5 | 9.4 | 10.0 |
| **13** | 9.6 | 7.3 | 8.5 | 10.9 | 7.6 | 9.0 | 9.1 | 7.5 | 8.1 | 11.2 | 9.7 | 10.3 |
| **14** | 8.6 | 7.0 | 7.7 | --- | --- | --- | 8.0 | 7.2 | 7.7 | 10.8 | 9.5 | 10.0 |
| **15** | 8.2 | 6.4 | 7.2 | --- | --- | --- | 8.4 | 7.1 | 7.8 | 11.2 | 9.8 | 10.4 |
| **16** | 9.6 | 6.4 | 7.6 | --- | --- | --- | 8.8 | 7.6 | 8.2 | 10.7 | 9.5 | 10.0 |
| **17** | 9.7 | 7.1 | 8.1 | 9.4 | 8.3 | 8.9 | 8.9 | 7.9 | 8.4 | 11.2 | 9.5 | 10.2 |
| **18** | 9.7 | 7.3 | 8.3 | 9.8 | 7.9 | 8.6 | 9.8 | 7.8 | 8.5 | 10.2 | 9.8 | 10.0 |
| **19** | 10.5 | 7.1 | 8.6 | 10.8 | 8.9 | 9.9 | 10.7 | 8.4 | 9.2 | 11.3 | 10.0 | 10.7 |
| **20** | 10.5 | 8.7 | 9.6 | 11.8 | 8.0 | 9.8 | 10.4 | 7.7 | 9.1 | 11.7 | 10.6 | 11.1 |
| **21** | 9.5 | 8.3 | 8.9 | 9.4 | 7.7 | 8.6 | 10.4 | 9.2 | 9.8 | 11.4 | 10.7 | 11.0 |
| **22** | 9.0 | 7.8 | 8.3 | 9.2 | 7.9 | 8.5 | 10.5 | 9.1 | 9.7 | 12.1 | 10.6 | 11.2 |
| **23** | 10.1 | 7.8 | 8.9 | 8.6 | 8.0 | 8.3 | 11.3 | 9.1 | 10.1 | 11.4 | 10.6 | 10.9 |
| **24** | 11.0 | 8.2 | 9.4 | 8.3 | 7.8 | 8.1 | 10.7 | 9.9 | 10.3 | 11.0 | 10.5 | 10.7 |
| **25** | 11.7 | 8.6 | 10.1 | 7.9 | 6.4 | 7.6 | 11.7 | 9.8 | 10.5 | 10.6 | 10.1 | 10.4 |
| **26** | 11.7 | 8.8 | 10.2 | 8.8 | 6.8 | 7.9 | 11.0 | 9.8 | 10.3 | 11.4 | 9.9 | 10.5 |
| **27** | 11.3 | 9.3 | 10.2 | 9.0 | 7.6 | 8.3 | 10.7 | 9.7 | 10.2 | 10.8 | 10.1 | 10.5 |
| **28** | 10.8 | 9.0 | 9.8 | 9.9 | 8.1 | 9.0 | 11.1 | 9.7 | 10.3 | 10.6 | 9.9 | 10.2 |
| **29** | 11.3 | 9.3 | 10.1 | 11.6 | 8.4 | 9.5 | 10.5 | 9.4 | 9.9 | 10.7 | 9.6 | 10.0 |
| **30** | 11.9 | 9.5 | 10.2 | 11.1 | 8.8 | 10.2 | 11.1 | 9.1 | 9.9 | 10.4 | 7.8 | 9.9 |
| **31** | --- | --- | --- | --- | --- | --- | 10.7 | 7.7 | 9.8 | 10.4 | 9.8 | 10.0 |
| **Month** | --- | --- | --- | --- | --- | --- | 11.8 | 7.1 | 9.3 | 12.1 | 7.8 | 10.4 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.8 | 9.9 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 11.6 | 10.1 | 10.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 10.4 | 9.8 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 9.9 | 9.6 | 9.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 9.7 | 9.2 | 9.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 10.1 | 9.0 | 9.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 9.6 | 7.5 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 9.4 | 8.7 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 10.0 | 7.8 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 10.6 | 7.8 | 9.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 11.0 | 9.5 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 9.6 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 10.0 | 8.7 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.5 | 8.6 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 9.3 | 8.7 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 9.1 | 8.4 | 8.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

7.0

8.0

9.0

10.0

11.0

12.0

13.0

14.0

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | 93 | 74 | 83 | 57 | 51 | 54 | 54 | 40 | 44 |
| **2** | --- | --- | --- | 90 | 74 | 80 | 56 | 51 | 53 | 56 | 41 | 46 |
| **3** | --- | --- | --- | 78 | 66 | 71 | 58 | 49 | 54 | 56 | 41 | 46 |
| **4** | --- | --- | --- | 69 | 64 | 67 | 55 | 50 | 53 | 52 | 37 | 46 |
| **5** | --- | --- | --- | 66 | 56 | 61 | 57 | 50 | 53 | 50 | 35 | 42 |
| **6** | --- | --- | --- | 63 | 56 | 59 | 58 | 51 | 54 | 46 | 39 | 44 |
| **7** | --- | --- | --- | 60 | 50 | 55 | 55 | 51 | 53 | 61 | 36 | 50 |
| **8** | --- | --- | --- | 53 | 49 | 51 | 57 | 52 | 55 | 60 | 44 | 53 |
| **9** | --- | --- | --- | 54 | 49 | 51 | 55 | 50 | 53 | 57 | 48 | 52 |
| **10** | --- | --- | --- | 54 | 48 | 51 | 55 | 53 | 54 | 52 | 47 | 49 |
| **11** | --- | --- | --- | 56 | 47 | 52 | 54 | 50 | 52 | 54 | 48 | 51 |
| **12** | --- | --- | --- | 54 | 47 | 51 | 53 | 47 | 50 | 52 | 46 | 50 |
| **13** | --- | --- | --- | 60 | 44 | 47 | 48 | 45 | 47 | 51 | 45 | 49 |
| **14** | --- | --- | --- | 62 | 43 | 48 | 48 | 43 | 46 | 50 | 40 | 46 |
| **15** | --- | --- | --- | 59 | 43 | 51 | 46 | 45 | 46 | 49 | 45 | 48 |
| **16** | --- | --- | --- | 65 | 43 | 53 | 47 | 44 | 45 | 56 | 47 | 49 |
| **17** | --- | --- | --- | 58 | 54 | 56 | 44 | 39 | 42 | 150 | 56 | 110 |
| **18** | --- | --- | --- | 56 | 52 | 54 | 43 | 39 | 41 | 150 | 120 | 140 |
| **19** | --- | --- | --- | 59 | 50 | 55 | 42 | 38 | 39 | 130 | 100 | 120 |
| **20** | --- | --- | --- | 58 | 52 | 55 | 43 | 40 | 41 | 130 | 91 | 110 |
| **21** | --- | --- | --- | 57 | 53 | 55 | 41 | 38 | 40 | 91 | 71 | 82 |
| **22** | --- | --- | --- | 55 | 52 | 54 | 46 | 38 | 43 | 74 | 63 | 71 |
| **23** | --- | --- | --- | 57 | 51 | 53 | 47 | 37 | 42 | --- | --- | --- |
| **24** | --- | --- | --- | 57 | 51 | 52 | 46 | 40 | 43 | --- | --- | --- |
| **25** | --- | --- | --- | 58 | 51 | 53 | 44 | 38 | 41 | 62 | 57 | 59 |
| **26** | --- | --- | --- | 55 | 50 | 52 | 48 | 33 | 38 | 61 | 56 | 59 |
| **27** | --- | --- | --- | 55 | 50 | 52 | 38 | 35 | 36 | 61 | 44 | 55 |
| **28** | --- | --- | --- | 54 | 48 | 51 | 38 | 35 | 37 | --- | --- | --- |
| **29** | --- | --- | --- | 62 | 49 | 54 | 52 | 35 | 40 | --- | --- | --- |
| **30** | --- | --- | --- | 56 | 48 | 52 | 44 | 36 | 38 | --- | --- | --- |
| **31** | 100 | 75 | 89 | --- | --- | --- | 49 | 36 | 40 | --- | --- | --- |
| **Month** | --- | --- | --- | 93 | 43 | 56 | 58 | 33 | 46 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 40 | 36 | 38 | 53 | 41 | 46 | 56 | 40 | 48 |
| **2** | --- | --- | --- | 40 | 36 | 37 | 41 | 35 | 39 | 48 | 40 | 43 |
| **3** | --- | --- | --- | 42 | 35 | 38 | 39 | 31 | 34 | 61 | 41 | 50 |
| **4** | --- | --- | --- | 43 | 37 | 39 | --- | --- | --- | 58 | 44 | 51 |
| **5** | --- | --- | --- | 41 | 38 | 39 | --- | --- | --- | 80 | 54 | 65 |
| **6** | --- | --- | --- | 49 | 38 | 43 | --- | --- | --- | 110 | 71 | 86 |
| **7** | --- | --- | --- | 50 | 39 | 42 | 42 | 34 | 38 | 120 | 74 | 91 |
| **8** | --- | --- | --- | 54 | 40 | 46 | 39 | 36 | 37 | 84 | 63 | 67 |
| **9** | --- | --- | --- | 62 | 38 | 45 | 38 | 35 | 36 | 67 | 62 | 64 |
| **10** | --- | --- | --- | 78 | 45 | 59 | 38 | 35 | 36 | 70 | 57 | 63 |
| **11** | --- | --- | --- | 81 | 42 | 60 | 36 | 35 | 36 | 61 | 46 | 51 |
| **12** | --- | --- | --- | 74 | 44 | 51 | 38 | 34 | 36 | 62 | 46 | 52 |
| **13** | --- | --- | --- | 69 | 37 | 46 | 38 | 38 | 38 | --- | --- | --- |
| **14** | --- | --- | --- | 78 | 36 | 47 | 38 | 38 | 38 | --- | --- | --- |
| **15** | --- | --- | --- | 60 | 24 | 39 | --- | --- | --- | --- | --- | --- |
| **16** | 46 | 44 | 45 | 87 | 45 | 61 | --- | --- | --- | --- | --- | --- |
| **17** | 45 | 42 | 44 | 63 | 48 | 54 | --- | --- | --- | --- | --- | --- |
| **18** | 43 | 42 | 42 | 52 | 46 | 49 | --- | --- | --- | 38 | 35 | 37 |
| **19** | 42 | 41 | 41 | 53 | 46 | 48 | 41 | 37 | 39 | 36 | 32 | 34 |
| **20** | 42 | 40 | 40 | 49 | 44 | 47 | 40 | 37 | 38 | 36 | 33 | 34 |
| **21** | 40 | 39 | 39 | 50 | 45 | 46 | 40 | 37 | 38 | 34 | 32 | 33 |
| **22** | 39 | 38 | 38 | 55 | 41 | 44 | 40 | 37 | 38 | 35 | 32 | 34 |
| **23** | 40 | 37 | 38 | 59 | 40 | 46 | 40 | 36 | 38 | 34 | 32 | 33 |
| **24** | 41 | 38 | 39 | 57 | 40 | 46 | 41 | 38 | 40 | 33 | 30 | 32 |
| **25** | 40 | 37 | 39 | 73 | 40 | 54 | 40 | 38 | 39 | 33 | 30 | 31 |
| **26** | 40 | 37 | 38 | 62 | 40 | 48 | 41 | 39 | 40 | 33 | 30 | 31 |
| **27** | 38 | 35 | 37 | 69 | 41 | 54 | 40 | 39 | 39 | 30 | 29 | 30 |
| **28** | 38 | 36 | 37 | 46 | 41 | 43 | 42 | 37 | 38 | 46 | 28 | 34 |
| **29** | --- | --- | --- | 50 | 42 | 46 | 52 | 38 | 42 | 47 | 35 | 41 |
| **30** | --- | --- | --- | 60 | 45 | 48 | 50 | 40 | 45 | 38 | 28 | 33 |
| **31** | --- | --- | --- | 51 | 45 | 48 | --- | --- | --- | 52 | 30 | 38 |
| **Month** | --- | --- | --- | 87 | 24 | 47 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 36 | 28 | 31 | 19 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **2** | 31 | 25 | 27 | 18 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **3** | 28 | 24 | 26 | --- | --- | --- | 16 | 11 | 12 | --- | --- | --- |
| **4** | 31 | 25 | 27 | --- | --- | --- | 15 | 10 | 13 | 9.7 | 5.9 | 8.1 |
| **5** | 31 | 24 | 26 | --- | --- | --- | 14 | 9.4 | 11 | 8.8 | 6.6 | 7.6 |
| **6** | 28 | 23 | 25 | --- | --- | --- | 15 | 9.1 | 12 | 11 | 6.4 | 7.7 |
| **7** | 32 | 26 | 29 | 37 | 33 | 35 | --- | --- | --- | 9.4 | 6.1 | 7.8 |
| **8** | 30 | 26 | 28 | 34 | 30 | 32 | --- | --- | --- | 9.6 | 6.6 | 7.9 |
| **9** | 28 | 22 | 25 | 37 | 30 | 34 | --- | --- | --- | 10 | 6.9 | 8.0 |
| **10** | 26 | 21 | 23 | --- | --- | --- | --- | --- | --- | 10 | 6.2 | 7.7 |
| **11** | 24 | 21 | 23 | --- | --- | --- | 14 | 5.4 | 8.3 | --- | --- | --- |
| **12** | 22 | 17 | 19 | --- | --- | --- | 19 | 6.1 | 10 | --- | --- | --- |
| **13** | 21 | 17 | 18 | --- | --- | --- | 18 | 9.0 | 15 | --- | --- | --- |
| **14** | 20 | 16 | 18 | 22 | 19 | 20 | --- | --- | --- | --- | --- | --- |
| **15** | 21 | 17 | 18 | 22 | 19 | 20 | --- | --- | --- | 9.3 | 6.0 | 7.5 |
| **16** | 26 | 19 | 22 | 23 | 19 | 21 | --- | --- | --- | 8.5 | 5.0 | 6.7 |
| **17** | --- | --- | --- | 26 | 19 | 22 | --- | --- | --- | 9.3 | 5.5 | 7.3 |
| **18** | --- | --- | --- | 29 | 22 | 26 | --- | --- | --- | 9.3 | 6.9 | 8.2 |
| **19** | --- | --- | --- | 36 | 28 | 32 | --- | --- | --- | 9.8 | 5.5 | 7.9 |
| **20** | 20 | 15 | 17 | 41 | 34 | 38 | --- | --- | --- | 10 | 6.5 | 8.1 |
| **21** | 18 | 15 | 17 | 42 | 32 | 38 | --- | --- | --- | 16 | 8.1 | 12 |
| **22** | 16 | 14 | 15 | --- | --- | --- | 12 | 7.0 | 8.7 | --- | --- | --- |
| **23** | 16 | 13 | 15 | --- | --- | --- | 12 | 8.7 | 10 | --- | --- | --- |
| **24** | 19 | 13 | 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | 21 | 12 | 17 | --- | --- | --- | --- | --- | --- | 9.0 | 5.9 | 7.6 |
| **26** | 20 | 16 | 19 | --- | --- | --- | --- | --- | --- | 9.5 | 5.3 | 6.9 |
| **27** | 23 | 20 | 21 | 30 | 20 | 26 | --- | --- | --- | 9.4 | 5.9 | 7.7 |
| **28** | 21 | 17 | 19 | 31 | 19 | 23 | --- | --- | --- | 8.9 | 5.5 | 7.0 |
| **29** | 18 | 16 | 17 | 30 | 18 | 23 | 15 | 7.3 | 10 | 12 | 6.2 | 8.9 |
| **30** | 17 | 13 | 15 | --- | --- | --- | 11 | 5.9 | 8.4 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | 11 | 5.8 | 7.9 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

0

20

40

60

80

100

120

140

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 = 3.5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | 15 | 13 | 14 | 31 | 26 | 28 |
| **2** | --- | --- | --- | --- | --- | --- | 21 | 14 | 17 | 29 | 26 | 27 |
| **3** | 7.8 | 4.2 | 5.7 | 23 | 7.4 | 17 | 34 | 20 | 28 | 30 | 26 | 28 |
| **4** | 7.7 | 4.2 | 6.0 | 18 | 6.0 | 12 | 30 | 23 | 27 | 28 | 26 | 28 |
| **5** | 15 | 6.1 | 9.1 | 9.2 | 5.4 | 7.0 | 32 | 25 | 27 | 27 | 24 | 25 |
| **6** | --- | --- | --- | 16 | 6.6 | 11 | 29 | 24 | 27 | 27 | 22 | 25 |
| **7** | --- | --- | --- | 18 | 12 | 15 | 27 | 22 | 25 | 28 | 21 | 23 |
| **8** | --- | --- | --- | 13 | 10 | 11 | 30 | 24 | 26 | 27 | 23 | 24 |
| **9** | --- | --- | --- | 15 | 9.4 | 11 | 30 | 27 | 28 | 33 | 21 | 24 |
| **10** | --- | --- | --- | 12 | 9.0 | 10 | 27 | 24 | 26 | 25 | 20 | 22 |
| **11** | --- | --- | --- | 12 | 9.6 | 11 | 33 | 24 | 28 | 25 | 19 | 23 |
| **12** | 13 | 5.1 | 8.0 | 13 | 11 | 12 | 34 | 27 | 30 | 29 | 20 | 23 |
| **13** | 12 | 6.3 | 8.2 | 17 | 9.2 | 13 | 33 | 28 | 30 | 28 | 20 | 24 |
| **14** | 13 | 8.1 | 10 | 18 | 10 | 14 | 32 | 29 | 31 | 29 | 21 | 25 |
| **15** | 23 | 7.9 | 12 | --- | --- | --- | --- | --- | --- | 22 | 21 | 22 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 | 21 | 22 |
| **17** | --- | --- | --- | 13 | 9.8 | 11 | --- | --- | --- | 25 | 23 | 24 |
| **18** | --- | --- | --- | 15 | 9.7 | 12 | --- | --- | --- | 30 | 24 | 26 |
| **19** | --- | --- | --- | 11 | 8.8 | 9.6 | --- | --- | --- | 35 | 25 | 28 |
| **20** | 22 | 12 | 15 | 12 | 8.2 | 9.5 | --- | --- | --- | 27 | 25 | 26 |
| **21** | 21 | 13 | 18 | 18 | 11 | 14 | --- | --- | --- | 29 | 26 | 28 |
| **22** | 24 | 16 | 20 | --- | --- | --- | --- | --- | --- | 28 | 25 | 27 |
| **23** | 23 | 15 | 19 | --- | --- | --- | 37 | 27 | 29 | 42 | 27 | 33 |
| **24** | 23 | 17 | 20 | --- | --- | --- | 32 | 27 | 29 | 52 | 28 | 38 |
| **25** | 23 | 17 | 19 | --- | --- | --- | 28 | 23 | 26 | 47 | 35 | 39 |
| **26** | 28 | 18 | 23 | --- | --- | --- | 29 | 23 | 24 | 52 | 36 | 40 |
| **27** | 32 | 22 | 28 | 33 | 21 | 29 | 29 | 22 | 25 | 59 | 40 | 45 |
| **28** | 33 | 21 | 25 | 22 | 16 | 19 | --- | --- | --- | 61 | 37 | 44 |
| **29** | --- | --- | --- | 26 | 16 | 18 | --- | --- | --- | 54 | 43 | 48 |
| **30** | --- | --- | --- | 19 | 12 | 16 | --- | --- | --- | 58 | 42 | 49 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 45 | 48 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 61 | 19 | 30 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 33 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 43 | 31 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 42 | 35 | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 42 | 37 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 44 | 38 | 40 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 43 | 31 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 43 | 32 | 39 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 39 | 31 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 37 | 31 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 35 | 26 | 32 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 32 | 26 | 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 35 | 28 | 32 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 37 | 31 | 34 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 38 | 32 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 42 | 35 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 43 | 37 | 39 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

0

10

20

30

40

50

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** | --- | --- | --- | 21.7 | 20.4 | 21.0 | 16.0 | 15.0 | 15.5 | 14.4 | 13.1 | 13.7 |
| **2** | --- | --- | --- | 20.4 | 19.1 | 19.8 | 15.5 | 14.8 | 15.1 | 14.0 | 12.9 | 13.4 |
| **3** | --- | --- | --- | 20.1 | 18.6 | 19.3 | 14.8 | 13.4 | 14.2 | 13.2 | 12.6 | 13.0 |
| **4** | --- | --- | --- | 19.9 | 18.3 | 19.1 | 13.7 | 12.8 | 13.2 | 13.2 | 12.5 | 12.9 |
| **5** | --- | --- | --- | 19.5 | 18.7 | 19.1 | 13.9 | 12.4 | 13.0 | 13.6 | 12.2 | 12.9 |
| **6** | --- | --- | --- | 19.8 | 19.3 | 19.5 | 13.3 | 13.0 | 13.2 | 14.1 | 13.0 | 13.5 |
| **7** | --- | --- | --- | 20.0 | 19.0 | 19.5 | 13.2 | 12.3 | 13.0 | 14.0 | 12.0 | 13.3 |
| **8** | --- | --- | --- | 20.1 | 19.0 | 19.5 | 12.4 | 11.4 | 12.0 | 13.7 | 12.1 | 12.9 |
| **9** | --- | --- | --- | 21.0 | 19.6 | 20.2 | 11.8 | 11.1 | 11.4 | 14.0 | 11.8 | 13.1 |
| **10** | --- | --- | --- | 21.4 | 20.2 | 20.8 | 12.1 | 11.1 | 11.6 | 13.7 | 11.3 | 12.9 |
| **11** | --- | --- | --- | 20.6 | 19.1 | 19.8 | 12.5 | 12.1 | 12.2 | 14.1 | 12.7 | 13.5 |
| **12** | --- | --- | --- | 19.9 | 18.6 | 19.2 | 14.1 | 12.4 | 13.0 | 14.9 | 13.6 | 14.4 |
| **13** | --- | --- | --- | 19.6 | 18.6 | 19.2 | 13.5 | 12.6 | 13.0 | 16.9 | 14.7 | 15.4 |
| **14** | --- | --- | --- | 20.6 | 19.2 | 19.8 | 15.1 | 12.9 | 13.7 | 16.3 | 12.3 | 14.8 |
| **15** | --- | --- | --- | 20.0 | 18.1 | 19.2 | 15.3 | 13.8 | 14.6 | 14.6 | 12.8 | 13.6 |
| **16** | --- | --- | --- | 18.5 | 17.4 | 17.9 | 15.4 | 14.4 | 14.9 | 12.8 | 10.9 | 11.9 |
| **17** | --- | --- | --- | 18.4 | 16.8 | 17.5 | 16.4 | 14.7 | 15.5 | 10.9 | 8.9 | 9.6 |
| **18** | --- | --- | --- | 18.1 | 17.1 | 17.5 | 16.7 | 15.8 | 16.2 | 9.0 | 7.9 | 8.2 |
| **19** | --- | --- | --- | 17.7 | 16.4 | 17.1 | 17.1 | 16.7 | 16.8 | 8.2 | 7.8 | 8.0 |
| **20** | --- | --- | --- | 17.1 | 15.9 | 16.4 | 17.0 | 16.3 | 16.7 | 8.5 | 7.9 | 8.2 |
| **21** | --- | --- | --- | 17.2 | 15.3 | 16.2 | 16.8 | 16.0 | 16.4 | 9.7 | 8.4 | 8.8 |
| **22** | --- | --- | --- | 17.5 | 15.9 | 16.5 | 16.4 | 15.4 | 15.9 | 9.5 | 8.8 | 9.1 |
| **23** | --- | --- | --- | 17.0 | 16.4 | 16.7 | 15.6 | 14.6 | 15.1 | --- | --- | --- |
| **24** | --- | --- | --- | 17.6 | 16.5 | 16.9 | 14.6 | 13.9 | 14.2 | --- | --- | --- |
| **25** | --- | --- | --- | 18.1 | 16.7 | 17.2 | 13.9 | 12.8 | 13.5 | 10.5 | 8.6 | 9.5 |
| **26** | --- | --- | --- | 18.3 | 17.0 | 17.5 | 13.7 | 12.2 | 12.8 | 11.0 | 9.6 | 10.2 |
| **27** | --- | --- | --- | 17.8 | 17.6 | 17.7 | 13.6 | 12.4 | 13.0 | 11.9 | 10.4 | 11.1 |
| **28** | --- | --- | --- | 18.7 | 17.7 | 18.2 | 13.7 | 12.9 | 13.3 | 10.9 | 9.5 | 10.2 |
| **29** | --- | --- | --- | 18.6 | 18.4 | 18.5 | 15.0 | 13.6 | 14.3 | --- | --- | --- |
| **30** | --- | --- | --- | 18.9 | 15.9 | 17.5 | 14.8 | 14.2 | 14.5 | --- | --- | --- |
| **31** | 22.1 | 21.0 | 21.5 | --- | --- | --- | 15.0 | 13.8 | 14.3 | --- | --- | --- |
| **Month** | --- | --- | --- | 21.7 | 15.3 | 18.5 | 17.1 | 11.1 | 14.1 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 17.1 | 15.8 | 16.6 | 23.6 | 21.9 | 22.6 | --- | --- | --- |
| **2** | --- | --- | --- | 17.3 | 15.9 | 16.6 | 23.4 | 22.3 | 22.9 | --- | --- | --- |
| **3** | --- | --- | --- | 17.1 | 15.3 | 16.2 | 24.9 | 22.6 | 23.2 | --- | --- | --- |
| **4** | --- | --- | --- | 16.1 | 14.2 | 15.1 | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | 15.9 | 14.0 | 15.0 | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | 16.4 | 14.9 | 15.5 | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | 16.7 | 14.6 | 15.6 | 19.9 | 15.0 | 16.5 | --- | --- | --- |
| **8** | --- | --- | --- | 17.0 | 15.7 | 16.2 | 18.4 | 14.7 | 16.4 | --- | --- | --- |
| **9** | --- | --- | --- | 18.1 | 15.7 | 16.8 | 19.5 | 16.3 | 17.7 | --- | --- | --- |
| **10** | --- | --- | --- | 18.2 | 16.8 | 17.3 | 21.5 | 18.0 | 19.4 | --- | --- | --- |
| **11** | --- | --- | --- | 18.7 | 17.0 | 17.8 | 22.7 | 19.1 | 20.4 | --- | --- | --- |
| **12** | --- | --- | --- | 18.6 | 17.6 | 18.1 | 20.5 | 18.6 | 19.5 | --- | --- | --- |
| **13** | --- | --- | --- | 19.3 | 18.0 | 18.6 | 20.0 | 19.4 | 19.8 | --- | --- | --- |
| **14** | --- | --- | --- | 19.0 | 18.0 | 18.4 | 20.0 | 18.8 | 19.6 | --- | --- | --- |
| **15** | --- | --- | --- | 19.7 | 18.2 | 18.9 | --- | --- | --- | --- | --- | --- |
| **16** | 10.9 | 9.4 | 9.9 | 19.4 | 18.3 | 18.9 | --- | --- | --- | --- | --- | --- |
| **17** | 11.6 | 9.5 | 10.6 | 19.2 | 18.1 | 18.5 | --- | --- | --- | --- | --- | --- |
| **18** | 11.8 | 9.6 | 10.5 | 18.9 | 18.1 | 18.4 | --- | --- | --- | 26.5 | 25.0 | 25.6 |
| **19** | 11.2 | 10.2 | 10.8 | 19.1 | 18.2 | 18.6 | 21.3 | 18.9 | 19.6 | 26.2 | 24.7 | 25.4 |
| **20** | 12.0 | 11.1 | 11.6 | 19.8 | 18.7 | 19.2 | 21.7 | 19.8 | 20.8 | 26.4 | 24.9 | 25.5 |
| **21** | 13.3 | 11.9 | 12.6 | 20.4 | 19.2 | 19.8 | 21.8 | 20.6 | 21.2 | 25.6 | 25.0 | 25.3 |
| **22** | 14.1 | 12.8 | 13.4 | 20.8 | 19.5 | 20.1 | 21.8 | 20.8 | 21.3 | 25.7 | 24.6 | 25.1 |
| **23** | 14.8 | 13.7 | 14.2 | 21.3 | 20.0 | 20.6 | 21.8 | 21.1 | 21.5 | 26.0 | 24.7 | 25.4 |
| **24** | 15.4 | 13.9 | 14.6 | 21.4 | 20.5 | 20.9 | 22.0 | 21.3 | 21.7 | 26.6 | 25.4 | 26.0 |
| **25** | 15.0 | 13.8 | 14.3 | 21.6 | 20.9 | 21.2 | 22.5 | 21.4 | 21.9 | 26.5 | 25.6 | 26.1 |
| **26** | 15.6 | 14.4 | 15.0 | 21.6 | 21.0 | 21.2 | 22.7 | 21.2 | 21.9 | 26.0 | 25.5 | 25.8 |
| **27** | 16.7 | 14.8 | 15.5 | 22.2 | 21.0 | 21.6 | 23.0 | 22.0 | 22.5 | 26.3 | 25.3 | 25.7 |
| **28** | 16.7 | 15.4 | 16.2 | 22.7 | 21.7 | 22.2 | --- | --- | --- | 25.8 | 24.8 | 25.3 |
| **29** | --- | --- | --- | 23.1 | 22.1 | 22.5 | --- | --- | --- | 27.2 | 24.4 | 25.3 |
| **30** | --- | --- | --- | 23.0 | 22.4 | 22.7 | --- | --- | --- | 27.6 | 25.7 | 26.3 |
| **31** | --- | --- | --- | 22.8 | 22.2 | 22.4 | --- | --- | --- | 28.8 | 26.0 | 26.9 |
| **Month** | --- | --- | --- | 23.1 | 14.0 | 18.8 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.0 | 26.3 | 27.7 | 29.6 | 29.2 | 29.3 | 31.2 | 29.8 | 30.2 | 30.5 | 29.4 | 29.9 |
| **2** | 28.7 | 27.1 | 27.5 | 29.2 | 28.7 | 28.9 | 31.0 | 29.6 | 29.9 | 30.3 | 29.2 | 29.6 |
| **3** | 28.3 | 27.3 | 27.7 | 29.5 | 28.3 | 28.9 | 31.5 | 29.5 | 30.3 | 29.6 | 29.1 | 29.4 |
| **4** | 28.1 | 27.0 | 27.5 | 28.8 | 28.3 | 28.6 | 32.0 | 30.4 | 31.0 | 29.5 | 28.8 | 29.1 |
| **5** | 29.5 | 27.4 | 28.4 | 29.0 | 27.8 | 28.3 | 31.5 | 30.5 | 31.0 | 29.6 | 28.9 | 29.2 |
| **6** | 29.3 | 28.1 | 28.7 | 28.6 | 27.3 | 27.9 | 31.7 | 30.4 | 30.9 | 30.0 | 28.9 | 29.4 |
| **7** | 28.7 | 27.8 | 28.2 | 27.9 | 27.2 | 27.4 | 31.6 | 30.2 | 30.8 | 30.8 | 29.0 | 29.5 |
| **8** | 29.5 | 28.2 | 28.7 | 30.3 | 27.0 | 28.1 | 31.4 | 30.4 | 30.8 | 30.4 | 29.3 | 29.8 |
| **9** | 30.1 | 28.3 | 29.0 | 29.2 | 28.1 | 28.6 | 32.0 | 30.2 | 30.6 | 30.3 | 29.2 | 29.7 |
| **10** | 30.6 | 28.9 | 29.4 | 30.1 | 28.4 | 29.1 | 32.6 | 30.5 | 31.4 | 31.5 | 29.3 | 30.0 |
| **11** | 30.2 | 29.6 | 29.8 | 31.2 | 29.2 | 29.7 | 32.6 | 31.0 | 31.4 | 30.7 | 29.6 | 30.2 |
| **12** | 31.4 | 29.4 | 30.2 | 30.3 | 29.5 | 29.8 | 32.7 | 31.0 | 31.8 | 29.6 | 28.5 | 29.0 |
| **13** | 31.1 | 29.7 | 30.3 | 30.3 | 29.8 | 29.9 | 32.7 | 31.5 | 32.0 | 29.7 | 28.0 | 28.8 |
| **14** | 30.7 | 29.6 | 30.0 | 30.0 | 29.2 | 29.6 | 33.5 | 31.8 | 32.4 | 30.4 | 28.6 | 29.2 |
| **15** | 30.8 | 29.4 | 29.9 | 29.8 | 29.0 | 29.3 | 33.1 | 32.1 | 32.8 | 30.0 | 29.0 | 29.5 |
| **16** | 29.7 | 29.0 | 29.4 | 29.9 | 28.9 | 29.4 | 32.1 | 30.8 | 31.2 | 30.0 | 28.1 | 29.0 |
| **17** | 29.0 | 28.4 | 28.7 | 30.0 | 29.2 | 29.5 | 31.4 | 30.5 | 30.8 | 30.1 | 28.1 | 29.0 |
| **18** | 29.4 | 28.2 | 28.7 | 29.8 | 28.9 | 29.3 | 30.9 | 30.1 | 30.5 | 30.2 | 28.0 | 29.0 |
| **19** | 30.0 | 28.7 | 29.3 | 29.2 | 28.5 | 28.7 | 31.2 | 29.9 | 30.5 | 30.4 | 28.6 | 29.4 |
| **20** | 30.2 | 28.9 | 29.4 | 28.5 | 27.6 | 28.1 | 31.4 | 30.1 | 30.6 | 30.1 | 28.8 | 29.4 |
| **21** | 29.8 | 29.0 | 29.3 | 30.2 | 27.6 | 28.4 | 31.5 | 29.9 | 30.6 | 30.3 | 28.3 | 29.1 |
| **22** | 29.8 | 29.0 | 29.3 | 29.5 | 27.3 | 28.4 | 31.3 | 30.2 | 30.7 | 29.8 | 28.4 | 29.0 |
| **23** | 29.4 | 28.9 | 29.2 | 29.9 | 28.3 | 29.0 | 31.6 | 30.4 | 30.9 | 30.2 | 28.1 | 29.0 |
| **24** | 29.8 | 28.2 | 28.9 | 29.8 | 28.4 | 28.9 | 32.6 | 30.5 | 31.1 | 29.8 | 28.0 | 28.8 |
| **25** | 29.1 | 28.5 | 28.8 | 30.2 | 28.8 | 29.3 | 31.9 | 30.9 | 31.3 | 30.0 | 28.7 | 29.1 |
| **26** | 28.9 | 28.4 | 28.6 | 29.6 | 29.0 | 29.4 | 32.4 | 31.0 | 31.4 | 29.8 | 28.2 | 28.8 |
| **27** | 29.4 | 28.6 | 28.9 | 29.0 | 28.3 | 28.5 | 32.4 | 30.7 | 31.4 | 29.9 | 28.6 | 29.2 |
| **28** | 29.7 | 28.4 | 29.0 | 29.1 | 28.1 | 28.5 | 31.8 | 30.5 | 31.2 | 29.8 | 28.4 | 29.2 |
| **29** | 29.7 | 28.7 | 29.1 | 29.6 | 28.6 | 29.0 | 31.7 | 30.5 | 31.0 | 29.3 | 27.9 | 28.6 |
| **30** | 30.8 | 28.7 | 29.5 | 30.5 | 29.1 | 29.6 | 31.7 | 30.0 | 30.5 | 28.8 | 28.0 | 28.4 |
| **31** | --- | --- | --- | 31.3 | 29.4 | 29.7 | 31.1 | 30.1 | 30.6 | --- | --- | --- |
| **Month** | 31.4 | 26.3 | 29.0 | 31.3 | 27.0 | 28.9 | 33.5 | 29.5 | 31.0 | 31.5 | 27.9 | 29.2 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

5

10

15

20

25

30

35

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** | 29.7 | 27.9 | 28.5 | --- | --- | --- | 17.4 | 16.3 | 16.8 | 12.6 | 11.6 | 12.1 |
| **2** | 30.1 | 28.0 | 28.8 | --- | --- | --- | 17.3 | 16.5 | 17.0 | 11.9 | 10.6 | 11.3 |
| **3** | 29.2 | 28.1 | 28.7 | 22.1 | 20.6 | 21.0 | 16.5 | 14.7 | 15.4 | 11.2 | 10.0 | 10.6 |
| **4** | 29.4 | 28.5 | 28.9 | 22.4 | 20.9 | 21.4 | 15.5 | 14.2 | 14.8 | 11.3 | 10.0 | 10.8 |
| **5** | 28.9 | 28.1 | 28.4 | 22.4 | 21.6 | 21.9 | 15.5 | 14.5 | 15.0 | 12.2 | 11.1 | 11.6 |
| **6** | 29.2 | 27.8 | 28.4 | 22.0 | 20.6 | 21.5 | 15.8 | 14.6 | 15.2 | 12.9 | 11.8 | 12.4 |
| **7** | 28.7 | 27.8 | 28.2 | 20.6 | 19.7 | 20.2 | 16.2 | 15.1 | 15.6 | 13.9 | 12.7 | 13.4 |
| **8** | 28.9 | 27.5 | 27.9 | 20.3 | 19.4 | 19.9 | 17.0 | 15.9 | 16.5 | 14.5 | 13.5 | 14.1 |
| **9** | 29.0 | 27.8 | 28.4 | 21.0 | 19.8 | 20.4 | 17.9 | 16.8 | 17.3 | 14.5 | 12.9 | 13.8 |
| **10** | 28.7 | 27.4 | 28.0 | 21.1 | 20.6 | 20.8 | 18.5 | 17.5 | 17.9 | 15.3 | 13.3 | 14.4 |
| **11** | 28.5 | --- | --- | 21.1 | 20.5 | 20.8 | 18.9 | 17.8 | 18.3 | 15.0 | 12.7 | 13.8 |
| **12** | 27.9 | 26.8 | 27.5 | 22.2 | 20.5 | 21.1 | 18.8 | 17.0 | 18.4 | 15.3 | 13.2 | 14.1 |
| **13** | 27.8 | 26.7 | 27.3 | 22.1 | 21.0 | 21.6 | 17.8 | 16.5 | 17.1 | 14.7 | 13.1 | 13.8 |
| **14** | 27.0 | 25.9 | 26.5 | 22.2 | 21.2 | 21.9 | 17.5 | 17.1 | 17.3 | 14.3 | 12.8 | 13.7 |
| **15** | 27.0 | 25.6 | 26.3 | 21.2 | 19.2 | 20.3 | 17.6 | 15.1 | 16.8 | 14.0 | 13.5 | 13.8 |
| **16** | 25.6 | 25.0 | 25.3 | 20.1 | 18.9 | 19.5 | 15.9 | 14.2 | 15.0 | 13.5 | 13.0 | 13.3 |
| **17** | 26.3 | 24.9 | 25.3 | 19.8 | 19.3 | 19.6 | 15.7 | 13.8 | 14.7 | 13.5 | 12.8 | 13.2 |
| **18** | 26.4 | 24.9 | 25.5 | 19.7 | 19.2 | 19.5 | 16.2 | 14.7 | 15.4 | 12.8 | 11.8 | 12.4 |
| **19** | 25.4 | 24.3 | 24.9 | 20.1 | 19.5 | 19.8 | 16.5 | 15.3 | 15.9 | 12.0 | 11.0 | 11.5 |
| **20** | 25.7 | 24.6 | 25.0 | 20.6 | 19.9 | 20.2 | 17.1 | 15.7 | 16.4 | 11.7 | 10.7 | 11.1 |
| **21** | 25.4 | 24.4 | 24.8 | 20.7 | 19.6 | 20.2 | 16.6 | 15.4 | 15.9 | 11.2 | 10.8 | 11.0 |
| **22** | 24.8 | 23.3 | 24.1 | 19.6 | 17.7 | 18.4 | 16.7 | 14.6 | 16.0 | 12.2 | 11.2 | 11.5 |
| **23** | 23.3 | 22.0 | 22.7 | 17.7 | 17.0 | 17.3 | 15.2 | 14.0 | 14.4 | 11.5 | 10.8 | 11.0 |
| **24** | 22.1 | 20.9 | 21.6 | 17.0 | 16.1 | 16.5 | 14.7 | 13.6 | 14.1 | 11.2 | 10.3 | 10.7 |
| **25** | 21.5 | 20.3 | 20.8 | 16.1 | 14.4 | 15.5 | 14.6 | 13.2 | 13.8 | 10.4 | 10.0 | 10.2 |
| **26** | 21.2 | 19.7 | 20.4 | 15.3 | 13.9 | 14.5 | 14.3 | 13.2 | 13.8 | 11.1 | 9.9 | 10.4 |
| **27** | 21.0 | 19.6 | 20.2 | 15.2 | 13.9 | 14.5 | 13.7 | 12.6 | 13.2 | 11.0 | 10.1 | 10.5 |
| **28** | 20.6 | 19.5 | 20.0 | 15.7 | 14.7 | 15.1 | 14.1 | 12.9 | 13.4 | 11.4 | 10.3 | 10.9 |
| **29** | 20.5 | 19.4 | 19.8 | 15.9 | 15.1 | 15.4 | 13.2 | 12.3 | 12.8 | 12.8 | 11.2 | 11.7 |
| **30** | 20.4 | 19.1 | 19.6 | 16.7 | 15.3 | 16.0 | 13.4 | 12.0 | 12.7 | 11.5 | 10.5 | 11.0 |
| **31** | --- | --- | --- | --- | --- | --- | 13.9 | 12.6 | 13.2 | 12.0 | 11.0 | 11.4 |
| **Month** | --- | --- | --- | --- | --- | --- | 18.9 | 12.0 | 15.5 | 15.3 | 9.9 | 12.1 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.4 | 10.4 | 11.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 12.5 | 10.9 | 11.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 12.9 | 11.9 | 12.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 13.8 | 12.8 | 13.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 14.8 | 13.8 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 14.6 | 13.1 | 13.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 14.5 | 13.3 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 14.7 | 13.0 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 15.1 | 14.0 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 16.2 | 14.6 | 15.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 15.9 | 14.9 | 15.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 15.7 | 14.4 | 15.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 15.4 | 13.6 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 15.1 | 14.1 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 15.7 | 15.0 | 15.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 16.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

10

15

20

25

30

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** | --- | --- | --- | 69 | 63 | 67 | 109 | 97 | 101 | 223 | 187 | 207 |
| **2** | --- | --- | --- | 74 | 65 | 69 | 111 | 108 | 109 | 239 | 219 | 226 |
| **3** | --- | --- | --- | 72 | 68 | 69 | 117 | 107 | 111 | 245 | 224 | 236 |
| **4** | --- | --- | --- | 69 | 68 | 69 | 116 | 106 | 110 | 239 | 223 | 233 |
| **5** | --- | --- | --- | 71 | 69 | 70 | 132 | 111 | 118 | 241 | 198 | 220 |
| **6** | --- | --- | --- | 72 | 70 | 71 | 127 | 120 | 123 | 208 | 201 | 205 |
| **7** | --- | --- | --- | 77 | 71 | 72 | 132 | 121 | 126 | 209 | 184 | 192 |
| **8** | --- | --- | --- | 78 | 75 | 77 | 132 | 120 | 123 | 192 | 173 | 183 |
| **9** | --- | --- | --- | 89 | 75 | 81 | 132 | 119 | 126 | 176 | 161 | 171 |
| **10** | --- | --- | --- | 91 | 84 | 89 | 121 | 118 | 120 | 170 | 159 | 162 |
| **11** | --- | --- | --- | 109 | 90 | 99 | 120 | 118 | 119 | 170 | 164 | 168 |
| **12** | --- | --- | --- | 109 | 93 | 102 | 138 | 119 | 129 | 180 | 162 | 167 |
| **13** | --- | --- | --- | 106 | 99 | 103 | 136 | 128 | 134 | 174 | 165 | 166 |
| **14** | --- | --- | --- | --- | --- | --- | 135 | 122 | 128 | 174 | 164 | 168 |
| **15** | --- | --- | --- | --- | --- | --- | 139 | 125 | 129 | 180 | 166 | 172 |
| **16** | --- | --- | --- | --- | --- | --- | 141 | 127 | 130 | 181 | 168 | 172 |
| **17** | --- | --- | --- | 106 | 96 | 99 | 139 | 132 | 135 | 185 | 141 | 160 |
| **18** | --- | --- | --- | 109 | 98 | 102 | 147 | 135 | 140 | 151 | 133 | 135 |
| **19** | --- | --- | --- | 109 | 105 | 107 | 161 | 147 | 154 | 155 | 130 | 145 |
| **20** | --- | --- | --- | 110 | 102 | 107 | 154 | 137 | 142 | 165 | 143 | 152 |
| **21** | --- | --- | --- | 108 | 100 | 103 | 161 | 146 | 157 | 167 | 137 | 153 |
| **22** | --- | --- | --- | 104 | 101 | 102 | 159 | 142 | 147 | 174 | 132 | 155 |
| **23** | --- | --- | --- | 103 | 100 | 101 | 180 | 148 | 164 | --- | --- | --- |
| **24** | --- | --- | --- | 102 | 100 | 101 | 166 | 146 | 157 | --- | --- | --- |
| **25** | --- | --- | --- | 102 | 100 | 101 | 171 | 146 | 157 | 173 | 153 | 167 |
| **26** | --- | --- | --- | 102 | 100 | 101 | 185 | 144 | 168 | 170 | 147 | 160 |
| **27** | --- | --- | --- | 105 | 101 | 102 | 185 | 180 | 182 | 162 | 141 | 152 |
| **28** | --- | --- | --- | 108 | 99 | 104 | 189 | 182 | 186 | --- | --- | --- |
| **29** | --- | --- | --- | 106 | 99 | 102 | 189 | 157 | 180 | --- | --- | --- |
| **30** | --- | --- | --- | 109 | 98 | 104 | 191 | 160 | 182 | --- | --- | --- |
| **31** | 75 | 63 | 69 | --- | --- | --- | 206 | 174 | 189 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 206 | 97 | 141 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 158 | 151 | 155 | 179 | 141 | 156 | 194 | 174 | 184 |
| **2** | --- | --- | --- | 163 | 158 | 161 | 178 | 165 | 171 | 198 | 182 | 192 |
| **3** | --- | --- | --- | 161 | 158 | 160 | 176 | 159 | 171 | 194 | 183 | 191 |
| **4** | --- | --- | --- | 167 | 152 | 158 | --- | --- | --- | 228 | 183 | 199 |
| **5** | --- | --- | --- | 164 | 153 | 160 | --- | --- | --- | 225 | 183 | 205 |
| **6** | --- | --- | --- | 160 | 155 | 158 | --- | --- | --- | 191 | 158 | 184 |
| **7** | --- | --- | --- | 163 | 155 | 157 | 165 | 153 | 161 | 188 | 152 | 168 |
| **8** | --- | --- | --- | 161 | 155 | 159 | 164 | 156 | 161 | 171 | 156 | 164 |
| **9** | --- | --- | --- | 160 | 155 | 158 | 165 | 155 | 159 | 171 | 156 | 165 |
| **10** | --- | --- | --- | 163 | 155 | 160 | 166 | 161 | 164 | 167 | 154 | 161 |
| **11** | --- | --- | --- | 173 | 161 | 166 | 162 | 157 | 160 | 158 | 140 | 151 |
| **12** | --- | --- | --- | 173 | 158 | 164 | 164 | 156 | 159 | 149 | 139 | 143 |
| **13** | --- | --- | --- | 174 | 161 | 168 | 163 | 161 | 162 | 151 | 138 | 145 |
| **14** | --- | --- | --- | 185 | 166 | 176 | 164 | 161 | 163 | --- | --- | --- |
| **15** | --- | --- | --- | 286 | 179 | 230 | --- | --- | --- | --- | --- | --- |
| **16** | 147 | 139 | 141 | 216 | 153 | 179 | --- | --- | --- | --- | --- | --- |
| **17** | 146 | 141 | 144 | 188 | 153 | 169 | --- | --- | --- | --- | --- | --- |
| **18** | 146 | 141 | 143 | 160 | 133 | 149 | --- | --- | --- | 160 | 153 | 157 |
| **19** | 149 | 144 | 146 | 148 | 125 | 139 | 166 | 166 | 166 | 160 | 156 | 158 |
| **20** | 147 | 143 | 145 | 146 | 126 | 138 | 167 | 166 | 166 | 157 | 155 | 156 |
| **21** | 144 | 143 | 144 | 150 | 132 | 141 | 167 | 166 | 166 | 157 | 155 | 156 |
| **22** | 146 | 144 | 145 | 150 | 133 | 141 | 169 | 166 | 166 | 158 | 156 | 158 |
| **23** | 146 | 142 | 144 | 142 | 133 | 138 | 170 | 168 | 169 | 159 | 157 | 158 |
| **24** | 152 | 143 | 149 | 144 | 135 | 138 | 174 | 170 | 172 | 160 | 158 | 159 |
| **25** | 157 | 149 | 151 | 136 | 133 | 135 | 172 | 169 | 171 | 160 | 159 | 160 |
| **26** | 159 | 153 | 156 | 137 | 133 | 135 | 174 | 169 | 171 | 162 | 159 | 161 |
| **27** | 157 | 150 | 154 | 142 | 134 | 136 | 199 | 172 | 185 | 176 | 160 | 166 |
| **28** | 156 | 152 | 156 | 136 | 134 | 135 | 199 | 175 | 192 | 201 | 176 | 188 |
| **29** | --- | --- | --- | 138 | 136 | 137 | 195 | 174 | 186 | 197 | 176 | 185 |
| **30** | --- | --- | --- | 159 | 136 | 143 | 183 | 174 | 179 | 188 | 176 | 181 |
| **31** | --- | --- | --- | 156 | 141 | 149 | --- | --- | --- | 178 | 152 | 158 |
| **Month** | --- | --- | --- | 286 | 125 | 155 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 171 | 156 | 165 | 182 | 179 | 181 | 140 | 135 | 138 | 184 | 171 | 179 |
| **2** | 171 | 163 | 167 | 182 | 179 | 180 | 142 | 140 | 141 | 189 | 172 | 180 |
| **3** | 166 | 154 | 161 | 186 | 179 | 182 | 143 | 137 | 140 | 180 | 171 | 174 |
| **4** | 159 | 146 | 152 | 185 | 182 | 182 | 147 | 135 | 143 | 191 | 174 | 182 |
| **5** | 164 | 150 | 153 | 185 | 182 | 183 | 141 | 135 | 137 | 184 | 171 | 175 |
| **6** | 164 | 155 | 160 | 184 | 143 | 178 | 144 | 138 | 141 | 205 | 178 | 192 |
| **7** | 155 | 147 | 151 | 179 | 173 | 176 | 145 | 139 | 143 | 205 | 183 | 191 |
| **8** | 152 | 150 | 152 | 173 | 168 | 171 | 146 | 141 | 144 | 198 | 184 | 189 |
| **9** | 157 | 150 | 153 | 172 | 160 | 165 | 147 | 142 | 145 | 202 | 192 | 197 |
| **10** | 158 | 154 | 157 | 165 | 162 | 163 | 148 | 142 | 146 | 207 | 189 | 195 |
| **11** | 159 | 156 | 157 | 166 | 161 | 162 | 150 | 145 | 148 | 205 | 190 | 198 |
| **12** | 157 | 155 | 155 | 165 | 162 | 164 | 154 | 145 | 148 | 206 | 199 | 202 |
| **13** | 158 | 154 | 156 | 167 | 160 | 164 | 159 | 151 | 153 | 210 | 195 | 201 |
| **14** | 159 | 155 | 158 | 163 | 160 | 161 | 164 | 158 | 161 | 209 | 194 | 199 |
| **15** | 159 | 156 | 157 | 163 | 159 | 161 | 158 | 149 | 152 | 214 | 195 | 204 |
| **16** | 158 | 155 | 156 | 163 | 160 | 160 | 161 | 147 | 155 | 208 | 196 | 202 |
| **17** | 164 | 156 | 159 | 161 | 157 | 160 | 155 | 150 | 153 | 209 | 198 | 205 |
| **18** | 171 | 160 | 164 | 164 | 158 | 162 | 154 | 151 | 152 | 201 | 197 | 198 |
| **19** | 182 | 162 | 170 | 164 | 152 | 159 | 156 | 151 | 154 | 202 | 197 | 198 |
| **20** | 184 | 167 | 178 | 154 | 139 | 144 | 177 | 153 | 164 | 203 | 199 | 200 |
| **21** | 183 | 177 | 179 | 144 | 134 | 138 | 169 | 157 | 163 | 207 | 203 | 205 |
| **22** | 188 | 178 | 182 | 140 | 123 | 130 | 171 | 157 | 163 | 208 | 205 | 207 |
| **23** | 184 | 179 | 181 | 132 | 124 | 128 | 165 | 154 | 159 | 209 | 206 | 208 |
| **24** | 194 | 179 | 186 | 131 | 127 | 129 | 169 | 158 | 163 | 208 | 203 | 206 |
| **25** | 192 | 179 | 187 | 135 | 129 | 131 | 161 | 158 | 159 | 209 | 204 | 207 |
| **26** | 191 | 184 | 189 | 138 | 134 | 136 | 170 | 157 | 162 | 209 | 203 | 206 |
| **27** | 187 | 183 | 185 | 138 | 134 | 137 | 174 | 168 | 171 | 210 | 206 | 208 |
| **28** | 189 | 183 | 186 | 138 | 135 | 137 | 178 | 171 | 174 | 213 | 205 | 209 |
| **29** | 187 | 181 | 184 | 138 | 133 | 135 | 175 | 172 | 174 | 212 | 204 | 207 |
| **30** | 186 | 179 | 182 | 141 | 134 | 138 | 184 | 174 | 178 | 211 | 205 | 208 |
| **31** | --- | --- | --- | 144 | 135 | 140 | 186 | 178 | 182 | --- | --- | --- |
| **Month** | 194 | 146 | 167 | 186 | 123 | 156 | 186 | 135 | 155 | 214 | 171 | 198 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

50

100

150

200

250

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 | 205 | 207 | --- | --- | --- | 211 | 211 | 211 | 227 | 209 | 215 |
| **2** | 210 | 204 | 206 | --- | --- | --- | 211 | 208 | 210 | 221 | 212 | 214 |
| **3** | 207 | 204 | 206 | 201 | 184 | 189 | 208 | 200 | 205 | 227 | 214 | 220 |
| **4** | 210 | 205 | 208 | 208 | 187 | 196 | 208 | 204 | 206 | 221 | 216 | 218 |
| **5** | 214 | 208 | 211 | 208 | 204 | 205 | 207 | 205 | 206 | 219 | 213 | 215 |
| **6** | 212 | 204 | 207 | 204 | 193 | 200 | 208 | 205 | 207 | 224 | 218 | 221 |
| **7** | 213 | 205 | 208 | 202 | 196 | 200 | 208 | 201 | 205 | 224 | 216 | 222 |
| **8** | 218 | 207 | 213 | 206 | 201 | 204 | 203 | 198 | 202 | 225 | 219 | 222 |
| **9** | 221 | 208 | 217 | 206 | 201 | 203 | 202 | 198 | 200 | 232 | 217 | 226 |
| **10** | 216 | 206 | 209 | 202 | 201 | 202 | 204 | 199 | 201 | 227 | 221 | 224 |
| **11** | 227 | 213 | 221 | 202 | 199 | 200 | 203 | 196 | 199 | 228 | 219 | 224 |
| **12** | 231 | 212 | 221 | 201 | 199 | 200 | 202 | 196 | 198 | 229 | 222 | 225 |
| **13** | 213 | 211 | 212 | 202 | 200 | 201 | 203 | 195 | 201 | 234 | 221 | 227 |
| **14** | 227 | 212 | 221 | 202 | 201 | 202 | 201 | 196 | 198 | 233 | 222 | 227 |
| **15** | 227 | 214 | 219 | 204 | 202 | 203 | 206 | 198 | 201 | 232 | 223 | 226 |
| **16** | 275 | 221 | 241 | 205 | 203 | 204 | 206 | 201 | 203 | 234 | 217 | 223 |
| **17** | 279 | 241 | 265 | 204 | 203 | 204 | 203 | 200 | 202 | 241 | 221 | 233 |
| **18** | 241 | 219 | 226 | 203 | 200 | 202 | 204 | 200 | 201 | 234 | 220 | 225 |
| **19** | 221 | 201 | 214 | 202 | 202 | 202 | 205 | 204 | 204 | 256 | 218 | 231 |
| **20** | 228 | 210 | 221 | 208 | 198 | 201 | 222 | 198 | 205 | 256 | 247 | 251 |
| **21** | 224 | 212 | 217 | 224 | 208 | 215 | 215 | 205 | 209 | 259 | 242 | 250 |
| **22** | 223 | 209 | 216 | 233 | 216 | 225 | 212 | 203 | 206 | 262 | 248 | 254 |
| **23** | 223 | 215 | 220 | 235 | 227 | 231 | 218 | 202 | 208 | 265 | 250 | 259 |
| **24** | 217 | 196 | 213 | 228 | 212 | 222 | 220 | 212 | 217 | 254 | 203 | 236 |
| **25** | 216 | 202 | 213 | 218 | 211 | 215 | 217 | 207 | 212 | 250 | 227 | 238 |
| **26** | 213 | 194 | 205 | 214 | 207 | 210 | 212 | 207 | 209 | 237 | 225 | 229 |
| **27** | 203 | 188 | 194 | 211 | 208 | 210 | 219 | 211 | 214 | 226 | 218 | 221 |
| **28** | 207 | 188 | 201 | 212 | 209 | 211 | 216 | 211 | 214 | 227 | 220 | 225 |
| **29** | 207 | 183 | 200 | 212 | 209 | 211 | 224 | 211 | 216 | 225 | 215 | 220 |
| **30** | 203 | 189 | 194 | 211 | 209 | 211 | 219 | 215 | 217 | 228 | 212 | 220 |
| **31** | --- | --- | --- | --- | --- | --- | 216 | 210 | 212 | 222 | 213 | 215 |
| **Month** | --- | --- | --- | --- | --- | --- | 224 | 195 | 206 | 265 | 203 | 228 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 233 | 213 | 228 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 230 | 214 | 223 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 222 | 210 | 219 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 218 | 208 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 215 | 205 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 223 | 201 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 220 | 199 | 207 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 220 | 204 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 214 | 206 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 215 | 204 | 208 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 223 | 209 | 219 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 219 | 206 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 217 | 208 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 213 | 208 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 209 | 209 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 214 | 209 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

180

190

200

210

220

230

240

250

260

270

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** | --- | --- | 6.7 | 6.5 | 7.3 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **2** | --- | --- | 6.9 | 6.6 | 7.3 | 7.2 | 7.6 | 7.5 | --- | --- | 7.6 | 7.5 |
| **3** | --- | --- | 6.9 | 6.7 | 7.4 | 7.2 | 7.7 | 7.5 | --- | --- | 7.6 | 7.5 |
| **4** | --- | --- | 6.9 | 6.7 | 7.5 | 7.2 | 7.7 | 7.6 | --- | --- | 7.8 | 7.5 |
| **5** | --- | --- | 6.9 | 6.8 | 7.5 | 7.3 | 7.7 | 7.4 | --- | --- | 7.6 | 7.5 |
| **6** | --- | --- | 6.9 | 6.9 | 7.5 | 7.4 | 7.5 | 7.4 | --- | --- | 7.5 | 7.4 |
| **7** | --- | --- | 6.9 | 6.8 | 7.5 | 7.4 | 7.6 | 7.4 | --- | --- | 7.5 | 7.4 |
| **8** | --- | --- | 6.9 | 6.8 | 7.6 | 7.4 | 7.4 | 7.4 | --- | --- | 7.5 | 7.4 |
| **9** | --- | --- | 7.0 | 6.9 | 7.6 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.4 |
| **10** | --- | --- | 7.0 | 7.0 | 7.4 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.3 |
| **11** | --- | --- | 7.1 | 6.9 | 7.5 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.4 |
| **12** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **13** | --- | --- | 7.1 | 7.0 | 7.3 | 7.1 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **14** | --- | --- | --- | --- | 7.5 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **15** | --- | --- | --- | --- | 7.4 | 7.2 | 7.6 | 7.5 | --- | --- | 7.8 | 7.5 |
| **16** | --- | --- | --- | --- | 7.3 | 7.3 | 7.6 | 7.5 | 7.6 | 7.5 | 7.5 | 7.2 |
| **17** | --- | --- | 7.1 | 7.0 | 7.4 | 7.2 | 7.6 | 7.4 | 7.6 | 7.4 | 7.3 | 7.2 |
| **18** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.4 | 7.3 | 7.6 | 7.4 | 7.3 | 7.2 |
| **19** | --- | --- | 7.2 | 7.0 | 7.5 | 7.4 | 7.5 | 7.3 | 7.5 | 7.4 | 7.2 | 7.1 |
| **20** | --- | --- | 7.1 | 7.1 | 7.4 | 7.3 | 7.5 | 7.4 | 7.5 | 7.5 | 7.2 | 7.1 |
| **21** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.5 | 7.3 | 7.5 | 7.4 | 7.2 | 7.1 |
| **22** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.6 | 7.3 | 7.5 | 7.2 | 7.2 | 7.1 |
| **23** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | --- | --- | 7.7 | 7.5 | 7.1 | 7.1 |
| **24** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | --- | --- | 7.6 | 7.5 | 7.1 | 7.1 |
| **25** | --- | --- | 7.1 | 7.0 | 7.5 | 7.3 | 7.6 | 7.4 | 7.6 | 7.5 | 7.1 | 7.1 |
| **26** | --- | --- | 7.1 | 7.0 | 7.6 | 7.3 | 7.4 | 7.3 | 7.6 | 7.5 | 7.1 | 7.0 |
| **27** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | 7.4 | 7.2 | 7.6 | 7.5 | 7.2 | 7.1 |
| **28** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 | 7.3 | 7.1 |
| **29** | --- | --- | 7.2 | 7.1 | 7.6 | 7.5 | --- | --- | --- | --- | 7.4 | 7.3 |
| **30** | --- | --- | 7.3 | 7.2 | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **31** | 6.8 | 6.7 | --- | --- | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **Month** | --- | --- | --- | --- | 7.6 | 7.1 | --- | --- | --- | --- | 7.8 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.5 | 7.3 | 7.6 | 7.4 | 8.8 | 7.2 | 8.3 | 7.9 | 8.3 | 7.7 | 7.9 | 7.6 |
| **2** | 7.5 | 7.4 | 7.6 | 7.4 | 8.8 | 7.5 | 7.9 | 7.8 | 8.9 | 7.4 | 7.8 | 7.6 |
| **3** | 7.5 | 7.1 | 7.5 | 7.3 | 8.6 | 7.5 | 8.4 | 7.8 | 8.9 | 7.4 | 8.4 | 7.8 |
| **4** | 7.4 | --- | 7.5 | 7.4 | 8.1 | 7.3 | 8.1 | 7.6 | 8.9 | 8.2 | 8.2 | 7.5 |
| **5** | --- | --- | 7.5 | 7.3 | 8.9 | 7.3 | 8.0 | 7.4 | 8.4 | 7.6 | 8.0 | 7.6 |
| **6** | --- | --- | 7.4 | 7.2 | 8.7 | 7.4 | 7.6 | 7.4 | 8.0 | 7.4 | 8.7 | 7.7 |
| **7** | --- | --- | 7.3 | 7.1 | 7.4 | 7.1 | 7.6 | 7.3 | 7.7 | 7.3 | 9.0 | 7.8 |
| **8** | --- | --- | 7.3 | 7.1 | 7.2 | 7.1 | 8.3 | 7.3 | 7.6 | 7.3 | 9.1 | 8.0 |
| **9** | --- | --- | 7.3 | 7.1 | 7.3 | 7.1 | 8.0 | 7.5 | 7.8 | 7.2 | 9.0 | 8.4 |
| **10** | --- | --- | 7.5 | 7.0 | 7.7 | 7.1 | 8.3 | 7.5 | 8.8 | 7.1 | 9.4 | 8.3 |
| **11** | --- | --- | 7.4 | 7.1 | 8.1 | 7.2 | 8.2 | 7.6 | 8.7 | 7.1 | 9.0 | 8.0 |
| **12** | 7.5 | 7.4 | 7.3 | 7.1 | 8.2 | 7.2 | 8.2 | 7.5 | 8.3 | 7.4 | 8.4 | 7.6 |
| **13** | 7.4 | 7.3 | 7.7 | 6.9 | 8.4 | 7.2 | 8.3 | 7.5 | 7.8 | 7.5 | 8.6 | 7.9 |
| **14** | 7.4 | 7.3 | --- | --- | 8.0 | 7.2 | 8.2 | 7.7 | 8.1 | 7.6 | 9.3 | 8.2 |
| **15** | 7.5 | 7.3 | --- | --- | 8.1 | 7.4 | 8.0 | 7.7 | 7.7 | 7.4 | 9.2 | 8.7 |
| **16** | 7.5 | 7.4 | --- | --- | 7.7 | 7.3 | 8.0 | 7.5 | 7.4 | 7.3 | 9.2 | 8.5 |
| **17** | --- | --- | --- | --- | 7.3 | 7.2 | 8.1 | 7.5 | 7.5 | 7.2 | 9.2 | 8.8 |
| **18** | --- | --- | 7.4 | 7.2 | --- | --- | 8.0 | 7.6 | 7.6 | 7.4 | 9.1 | 8.5 |
| **19** | 7.7 | 7.3 | 7.6 | 7.3 | 8.2 | --- | 7.9 | 7.6 | 8.0 | 7.4 | 9.2 | 8.6 |
| **20** | 7.7 | 7.3 | 7.4 | 7.3 | 8.7 | 7.6 | 7.7 | 7.4 | 8.5 | 7.7 | 9.2 | 8.8 |
| **21** | 7.6 | 7.4 | 7.4 | 7.3 | 8.5 | 7.8 | 8.1 | 7.4 | 8.8 | 7.9 | 9.4 | 8.8 |
| **22** | 7.6 | 7.4 | 7.4 | 7.3 | 8.3 | 7.7 | 7.7 | 7.4 | 8.9 | 8.1 | 9.1 | 8.4 |
| **23** | 7.5 | 7.4 | 7.4 | 7.2 | 8.2 | 7.8 | 7.7 | 7.5 | 8.9 | 8.0 | 8.7 | 8.0 |
| **24** | 7.5 | 7.4 | 7.4 | 7.3 | 8.0 | 7.4 | 7.9 | 7.6 | 9.2 | 8.0 | 9.3 | 7.9 |
| **25** | 7.5 | 7.4 | 7.5 | 7.3 | 7.8 | 7.5 | 8.3 | 7.8 | 8.6 | 8.1 | 9.3 | 9.0 |
| **26** | 7.5 | 7.3 | 7.4 | 7.3 | 7.6 | 7.6 | 8.3 | 7.7 | 8.9 | 8.2 | 9.3 | 8.7 |
| **27** | 7.6 | 7.3 | 7.6 | 7.3 | 7.8 | 7.6 | 7.8 | 7.3 | 9.1 | 8.4 | 9.3 | 8.8 |
| **28** | 7.9 | 7.4 | 7.5 | 7.4 | 8.1 | 7.6 | 7.6 | 7.3 | 9.1 | 8.1 | 9.1 | 8.7 |
| **29** | 7.7 | 7.3 | 7.6 | 7.2 | 8.1 | 7.7 | 8.0 | 7.5 | 8.9 | 8.1 | 8.8 | 8.2 |
| **30** | 7.9 | 7.3 | 7.8 | 7.2 | 8.5 | 7.7 | 8.0 | 7.7 | 8.9 | 7.7 | 8.6 | 7.9 |
| **31** | --- | --- | 8.3 | 7.3 | --- | --- | 8.3 | 7.7 | 8.6 | 7.7 | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 8.4 | 7.3 | 9.2 | 7.1 | 9.4 | 7.5 |

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008 LAKE DEPTH = 6 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [e, estimated] | | | | | | | | | | | | |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | 9.3 | 8.4 | --- | --- | 8.2 | 7.6 | 8.1 | 7.8 | 7.9 | 7.5 | --- | --- |
| **2** | 9.8 | 8.4 | --- | --- | 7.6 | 7.2 | 8.1 | 7.8 | 8.1 | 7.6 | --- | --- |
| **3** | 9.8 | 9.0 | 9.5 | 8.6 | 7.3 | 7.1 | 8.0 | 7.9 | 7.7 | 7.6 | --- | --- |
| **4** | 9.8 | 8.8 | 9.7 | 8.8 | 7.3 | 7.1 | 7.9 | 7.8 | 7.6 | 7.5 | --- | --- |
| **5** | 9.5 | 8.4 | 9.5 | 9.3 | 7.2 | 7.0 | 7.9 | 7.7 | 7.7 | 7.6 | --- | --- |
| **6** | 9.2 | 8.2 | 9.3 | 8.8 | 7.1 | 7.0 | 7.8 | 7.7 | 7.9 | 7.6 | --- | --- |
| **7** | 8.8 | 8.3 | 8.8 | 8.0 | 7.7 | 7.0 | 7.8 | 7.7 | 7.8 | 7.6 | --- | --- |
| **8** | 8.6 | 8.3 | 8.2 | 7.7 | 7.7 | 7.4 | 7.8 | 7.7 | 7.7 | 7.6 | --- | --- |
| **9** | 8.7 | 8.4 | 8.2 | 7.6 | 7.8 | 7.5 | 8.0 | 7.6 | 7.8 | 7.6 | --- | --- |
| **10** | 8.8 | 8.1 | 8.4 | 7.9 | 8.3 | 7.5 | 7.9 | 7.6 | 8.1 | 7.6 | --- | --- |
| **11** | 9.3 | --- | 8.3 | 7.8 | 7.6 | 7.4 | 7.8 | 7.6 | 8.4 | 7.8 | --- | --- |
| **12** | 9.2 | 8.3 | 8.4 | 7.7 | 7.6 | 7.4 | 7.8 | 7.6 | 7.9 | 7.6 | --- | --- |
| **13** | 9.2 | 8.4 | 8.1 | 7.8 | 7.7 | 7.4 | 8.0 | 7.7 | 8.0 | 7.7 | --- | --- |
| **14** | 8.9 | 8.4 | 8.1 | 7.7 | 7.4 | 7.4 | 8.2 | 7.7 | 7.9 | 7.7 | --- | --- |
| **15** | 8.8 | 8.2 | 7.8 | 7.5 | 7.7 | 7.3 | 8.4 | 7.8 | 7.8 | 7.7 | --- | --- |
| **16** | 8.9 | 8.2 | 9.5 | 7.5 | 7.8 | 7.5 | 8.2 | 7.8 | 7.8 | e7.7 | --- | --- |
| **17** | 9.0 | 8.5 | 9.1 | 8.8 | 7.8 | 7.5 | 8.4 | 7.8 | \*--- | \*--- | --- | --- |
| **18** | 8.5 | 8.0 | 8.8 | 8.4 | --- | 7.5 | 8.0 | 7.8 | --- | --- | --- | --- |
| **19** | 8.7 | 7.9 | 9.2 | 8.7 | 8.0 | 7.6 | 8.3 | 7.8 | --- | --- | --- | --- |
| **20** | 9.2 | 8.6 | 9.1 | 8.2 | 8.1 | 7.6 | 8.4 | 8.1 | --- | --- | --- | --- |
| **21** | 9.1 | 8.7 | 8.4 | 8.1 | 8.0 | 7.6 | 8.3 | 8.0 | --- | --- | --- | --- |
| **22** | 9.2 | 8.6 | 8.3 | 7.9 | 8.1 | 7.7 | 8.5 | 8.0 | --- | --- | --- | --- |
| **23** | 9.2 | 8.6 | 7.9 | 7.8 | 8.3 | 7.6 | 8.3 | 7.9 | --- | --- | --- | --- |
| **24** | 9.3 | 8.5 | 7.8 | 7.7 | 8.1 | 7.9 | 8.2 | 7.7 | --- | --- | --- | --- |
| **25** | 9.5 | 8.6 | 7.8 | 7.7 | 8.3 | 7.8 | 7.9 | 7.8 | --- | --- | --- | --- |
| **26** | 9.2 | 8.6 | 7.8 | 7.5 | 8.3 | 7.7 | 7.8 | 7.7 | --- | --- | --- | --- |
| **27** | 9.1 | 8.7 | 7.6 | 7.5 | 8.1 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **28** | 8.9 | 8.7 | 7.9 | 7.6 | 8.2 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **29** | 9.0 | 8.7 | 8.2 | 7.4 | 7.9 | 7.8 | 7.8 | 7.5 | --- | --- | --- | --- |
| **30** | 9.0 | 8.8 | 8.0 | 7.4 | 7.8 | 7.6 | 7.8 | 7.6 | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | 8.1 | 7.6 | 7.7 | 7.5 | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | 7.0 | 8.5 | 7.5 | --- | --- | --- | --- |

| **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** | --- | --- | --- | 3.9 | 3.3 | 3.7 | 8.3 | 7.6 | 7.9 | 10.1 | 9.3 | 9.7 |
| **2** | --- | --- | --- | 3.8 | 3.4 | 3.6 | 8.2 | 8.0 | 8.1 | 10.2 | 9.6 | 9.8 |
| **3** | --- | --- | --- | --- | --- | --- | 9.1 | 8.0 | 8.7 | 9.7 | 8.9 | 9.3 |
| **4** | --- | --- | --- | --- | --- | --- | 9.4 | 8.4 | 8.9 | 9.4 | 8.8 | 9.2 |
| **5** | --- | --- | --- | --- | --- | --- | 9.5 | 8.6 | 8.9 | 9.4 | 8.5 | 9.0 |
| **6** | --- | --- | --- | --- | --- | --- | 9.2 | 8.6 | 8.8 | 9.5 | 8.8 | 9.2 |
| **7** | --- | --- | --- | --- | --- | --- | 9.2 | 8.6 | 8.8 | 9.3 | 8.0 | 8.9 |
| **8** | --- | --- | --- | --- | --- | --- | 9.2 | 8.9 | 9.0 | 9.4 | 8.8 | 9.1 |
| **9** | --- | --- | --- | --- | --- | --- | 9.2 | 8.9 | 9.1 | 9.4 | 8.9 | 9.1 |
| **10** | --- | --- | --- | --- | --- | --- | 9.5 | 8.7 | 8.9 | 9.6 | 8.6 | 9.1 |
| **11** | --- | --- | --- | --- | --- | --- | 9.2 | 8.8 | 9.0 | 9.2 | 8.8 | 9.0 |
| **12** | --- | --- | --- | --- | --- | --- | 9.8 | 8.8 | 9.1 | 9.6 | 8.9 | 9.3 |
| **13** | --- | --- | --- | --- | --- | --- | 9.6 | 8.8 | 9.1 | 9.7 | 8.8 | 9.3 |
| **14** | --- | --- | --- | --- | --- | --- | 10.3 | 9.2 | 9.7 | 9.8 | 8.2 | 9.2 |
| **15** | --- | --- | --- | --- | --- | --- | 10.2 | 9.0 | 9.7 | 9.9 | 9.1 | 9.7 |
| **16** | --- | --- | --- | --- | --- | --- | 9.7 | 9.2 | 9.4 | 10.7 | 9.8 | 10.2 |
| **17** | --- | --- | --- | 8.5 | 7.4 | 7.7 | 9.8 | 9.0 | 9.4 | 10.7 | 10.3 | 10.5 |
| **18** | --- | --- | --- | 8.0 | 7.5 | 7.7 | 9.6 | 9.2 | 9.4 | 10.7 | 10.4 | 10.5 |
| **19** | --- | --- | --- | 8.1 | 7.3 | 7.6 | 9.7 | 9.2 | 9.4 | 11.2 | 10.6 | 10.9 |
| **20** | --- | --- | --- | 8.0 | 7.5 | 7.8 | 9.6 | 9.2 | 9.4 | 10.8 | 10.2 | 10.6 |
| **21** | --- | --- | --- | 8.9 | 7.4 | 7.9 | 9.4 | 9.1 | 9.2 | --- | --- | --- |
| **22** | --- | --- | --- | 8.6 | 7.4 | 7.6 | 9.3 | 8.8 | 9.0 | --- | --- | --- |
| **23** | --- | --- | --- | 8.5 | 7.4 | 7.9 | 9.1 | 8.8 | 8.9 | --- | --- | --- |
| **24** | --- | --- | --- | 8.4 | 7.3 | 7.6 | 9.4 | 8.9 | 9.2 | --- | --- | --- |
| **25** | --- | --- | --- | 8.4 | 7.5 | 7.7 | 9.5 | 9.0 | 9.2 | --- | --- | --- |
| **26** | --- | --- | --- | 8.3 | 7.3 | 7.6 | 9.9 | 9.0 | 9.4 | 9.7 | 9.0 | 9.2 |
| **27** | --- | --- | --- | 8.4 | 7.5 | 7.7 | 9.9 | 9.3 | 9.6 | 9.7 | 8.6 | 9.1 |
| **28** | --- | --- | --- | 8.7 | 7.6 | 8.0 | 10.0 | 9.2 | 9.5 | --- | --- | --- |
| **29** | --- | --- | --- | 8.5 | 7.5 | 7.9 | 9.9 | 9.5 | 9.7 | --- | --- | --- |
| **30** | --- | --- | --- | 7.8 | 7.3 | 7.5 | 10.0 | 9.5 | 9.7 | --- | --- | --- |
| **31** | 4.4 | 3.9 | 4.1 | --- | --- | --- | 9.7 | 9.4 | 9.6 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 10.3 | 7.6 | 9.2 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 8.7 | 8.3 | 8.5 | 7.0 | 5.1 | 5.9 | 7.1 | 6.3 | 6.7 |
| **2** | --- | --- | --- | 8.8 | 8.2 | 8.4 | 7.2 | 5.0 | 5.8 | 6.9 | 6.0 | 6.3 |
| **3** | --- | --- | --- | 8.5 | 8.2 | 8.3 | 7.8 | 4.9 | 6.2 | 6.6 | 6.0 | 6.3 |
| **4** | --- | --- | --- | 8.7 | 8.1 | 8.3 | 8.3 | 7.3 | 7.5 | 6.7 | 5.8 | 6.0 |
| **5** | --- | --- | --- | 8.9 | 8.0 | 8.3 | --- | --- | --- | 6.2 | 5.6 | 5.9 |
| **6** | --- | --- | --- | 9.1 | 7.9 | 8.3 | --- | --- | --- | 6.1 | 5.5 | 5.7 |
| **7** | --- | --- | --- | 9.0 | 7.6 | 8.1 | 9.3 | 8.3 | 8.9 | 6.6 | 5.3 | 5.8 |
| **8** | --- | --- | --- | 8.7 | 7.4 | 7.9 | 9.3 | 8.8 | 8.9 | 6.5 | 5.5 | 5.8 |
| **9** | --- | --- | --- | 8.9 | 7.3 | 8.0 | 8.9 | 7.8 | 8.7 | 6.6 | 5.3 | 5.7 |
| **10** | --- | --- | --- | 8.4 | 7.2 | 7.7 | 8.8 | 7.6 | 8.3 | --- | --- | --- |
| **11** | --- | --- | --- | 8.5 | 7.0 | 7.5 | 8.2 | 7.9 | 8.1 | 6.7 | 5.7 | 6.1 |
| **12** | --- | --- | --- | 8.6 | 7.0 | 7.9 | 8.3 | 7.3 | 8.0 | 6.6 | 5.3 | 5.8 |
| **13** | --- | --- | --- | 7.8 | 6.6 | 7.1 | 7.9 | 7.8 | 7.8 | 6.8 | 4.5 | 5.3 |
| **14** | --- | --- | --- | 8.1 | 6.7 | 7.3 | 8.1 | 7.8 | 7.9 | --- | --- | --- |
| **15** | --- | --- | --- | 7.1 | 6.3 | 6.7 | --- | --- | --- | --- | --- | --- |
| **16** | 10.1 | 9.5 | 9.8 | 6.8 | 5.3 | 6.1 | --- | --- | --- | --- | --- | --- |
| **17** | 10.4 | 9.7 | 10.0 | 6.0 | 4.8 | 5.5 | --- | --- | --- | --- | --- | --- |
| **18** | 10.2 | 9.7 | 9.9 | 6.0 | 5.0 | 5.6 | --- | --- | --- | 6.8 | 5.1 | 5.6 |
| **19** | 10.0 | 9.8 | 9.9 | 6.4 | 5.7 | 6.0 | 8.4 | 7.6 | 7.9 | 7.4 | 6.1 | 6.5 |
| **20** | 9.9 | 9.7 | 9.8 | 6.4 | 5.4 | 6.0 | 8.5 | 7.4 | 8.1 | 7.0 | 6.0 | 6.5 |
| **21** | 9.9 | 9.7 | 9.8 | 6.7 | 5.4 | 6.2 | 8.5 | 7.7 | 8.1 | 6.8 | 6.2 | 6.5 |
| **22** | 9.9 | 9.2 | 9.6 | 6.3 | 5.1 | 5.8 | 8.2 | 7.8 | 8.1 | 7.0 | 6.0 | 6.4 |
| **23** | 10.0 | 9.5 | 9.7 | 6.3 | 5.3 | 5.9 | 8.1 | 7.5 | 7.8 | 7.1 | 6.2 | 6.7 |
| **24** | 9.5 | 9.1 | 9.3 | 6.2 | 5.4 | 6.0 | 7.7 | 7.2 | 7.5 | 7.7 | 6.6 | 7.2 |
| **25** | 9.2 | 8.9 | 9.1 | 6.2 | 5.0 | 5.9 | 7.8 | 7.4 | 7.6 | 7.9 | 7.0 | 7.5 |
| **26** | 9.4 | 8.8 | 9.1 | 6.1 | 4.9 | 5.7 | 7.7 | 7.2 | 7.5 | 7.6 | 7.0 | 7.3 |
| **27** | 9.5 | 8.7 | 9.0 | 7.2 | 5.4 | 5.8 | 7.9 | 7.1 | 7.6 | 8.5 | 7.0 | 7.6 |
| **28** | 9.2 | 8.6 | 8.8 | 6.8 | 5.1 | 5.8 | 7.9 | 6.7 | 7.3 | 7.8 | 7.0 | 7.3 |
| **29** | --- | --- | --- | 6.2 | 5.8 | 6.0 | 7.3 | 6.4 | 6.8 | 8.8 | 6.1 | 7.0 |
| **30** | --- | --- | --- | 6.3 | 5.6 | 6.0 | 8.0 | 6.2 | 6.9 | 9.1 | 5.5 | 7.6 |
| **31** | --- | --- | --- | 6.3 | 5.5 | 5.9 | --- | --- | --- | 11.3 | 7.2 | 8.8 |
| **Month** | --- | --- | --- | 9.1 | 4.8 | 6.9 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 10.1 | 6.3 | 8.4 | 8.0 | 6.7 | 7.4 | 9.3 | 3.8 | 6.7 | --- | --- | --- |
| **2** | 9.8 | 6.8 | 7.9 | 7.2 | 6.4 | 6.8 | 9.2 | 4.2 | 6.4 | --- | --- | --- |
| **3** | 8.9 | 6.6 | 7.7 | --- | --- | --- | 9.4 | 5.1 | 7.2 | --- | --- | --- |
| **4** | 8.0 | 5.5 | 6.6 | --- | --- | --- | 9.0 | 6.7 | 7.7 | 8.6 | 4.7 | 6.7 |
| **5** | 10.5 | 5.1 | 7.7 | --- | --- | --- | 8.0 | 6.1 | 7.1 | 8.5 | 7.2 | 7.9 |
| **6** | 10.4 | 7.0 | 8.4 | 6.9 | 6.0 | 6.6 | 7.9 | 5.9 | 6.8 | 8.9 | 7.3 | 8.1 |
| **7** | 7.5 | 5.8 | 6.5 | 7.3 | 5.4 | 6.1 | 7.6 | 5.4 | 6.3 | 11.0 | 6.1 | 7.8 |
| **8** | 6.7 | 5.9 | 6.3 | 10.0 | 5.1 | 7.3 | 7.2 | 5.7 | 6.1 | 11.0 | 7.1 | 8.7 |
| **9** | 7.0 | 5.5 | 6.1 | 8.9 | 7.3 | 8.1 | 7.7 | 4.5 | 5.6 | --- | --- | --- |
| **10** | 8.3 | 5.2 | 6.2 | 10.0 | 7.4 | 8.3 | 8.6 | 3.0 | 5.5 | --- | --- | --- |
| **11** | 8.7 | 5.0 | 6.6 | 8.8 | 6.8 | 7.5 | 8.5 | 1.2 | 4.1 | --- | --- | --- |
| **12** | 9.5 | 5.0 | 7.4 | 8.5 | 5.8 | 7.1 | 7.1 | 1.8 | 5.5 | --- | --- | --- |
| **13** | 10.0 | 4.2 | 6.9 | 7.6 | 5.6 | 6.6 | 7.4 | 4.3 | 5.9 | --- | --- | --- |
| **14** | 7.2 | 4.9 | 5.9 | --- | --- | --- | 8.4 | 5.9 | 6.9 | --- | --- | --- |
| **15** | 7.4 | 4.9 | 5.7 | --- | --- | --- | 7.7 | 5.9 | 7.0 | 11.4 | 8.5 | 10 |
| **16** | 6.1 | 4.8 | 5.6 | --- | --- | --- | 7.3 | 4.2 | 5.4 | 10.9 | 7.6 | 9.1 |
| **17** | 5.8 | 4.8 | 5.4 | --- | --- | --- | 7.3 | 3.5 | 4.8 | 10.7 | 8.1 | 9.1 |
| **18** | --- | --- | --- | 8.0 | 6.1 | 7.2 | 7.5 | 4.7 | 5.9 | 10.2 | 7.0 | 8.4 |
| **19** | --- | --- | --- | 8.0 | 6.3 | 7.0 | 8.0 | 4.9 | 6.2 | 10.1 | 7.4 | 8.5 |
| **20** | 9.5 | 6.3 | 7.4 | 7.2 | 5.5 | 6.4 | 9.5 | 5.8 | 7.1 | 9.6 | 7.0 | 8.2 |
| **21** | 8.6 | 6.9 | 7.5 | 9.9 | 5.3 | 6.9 | 9.8 | 6.8 | 8.0 | 10.6 | 7.1 | 8.4 |
| **22** | 8.6 | 6.2 | 7.1 | 8.9 | 5.1 | 6.9 | 9.3 | 7.2 | 8.0 | 8.4 | 4.8 | 7.2 |
| **23** | 8.1 | 6.5 | 7.3 | 8.4 | 6.8 | 7.5 | 8.8 | 6.6 | 7.8 | 7.9 | 5.0 | 6.0 |
| **24** | 7.6 | 4.4 | 6.4 | 9.3 | 6.9 | 7.7 | 10.8 | 6.0 | 7.6 | 9.3 | 4.8 | 6.9 |
| **25** | 6.9 | 5.2 | 5.9 | 10.0 | 6.8 | 8.1 | 8.6 | 6.2 | 7.3 | 9.0 | 7.3 | 8.0 |
| **26** | 5.6 | 4.8 | 5.2 | 8.9 | 6.0 | 7.6 | 8.7 | 4.1 | 6.8 | 9.6 | 6.6 | 7.6 |
| **27** | 7.3 | 5.6 | 6.3 | 7.6 | 6.4 | 6.8 | --- | --- | --- | 9.5 | 7.1 | 8.2 |
| **28** | 8.4 | 5.6 | 7.0 | 7.1 | 5.1 | 6.1 | --- | --- | --- | 8.9 | 7.2 | 7.8 |
| **29** | 9.2 | 6.2 | 7.5 | 9.1 | 6.2 | 7.0 | 8.2 | 5.9 | 6.7 | 7.8 | 5.9 | 6.9 |
| **30** | 10.1 | 6.5 | 8.2 | 9.5 | 6.3 | 7.5 | 9.9 | 5.2 | 6.7 | 8.0 | 5.0 | 6.1 |
| **31** | --- | --- | --- | 9.8 | 5.4 | 6.7 | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

3.0

4.0

5.0

6.0

7.0

8.0

9.0

10.0

11.0

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** | 9.5 | 5.7 | 7.1 | --- | --- | --- | 11.6 | 9.8 | 10.5 | 10.9 | 9.8 | 10.3 |
| **2** | 10.6 | 5.7 | 7.9 | --- | --- | --- | 10.1 | 8.6 | 9.5 | 11.2 | 10.1 | 10.6 |
| **3** | 10.8 | 7.2 | 8.7 | 14.2 | 9.7 | 11.1 | 9.3 | 8.7 | 9.0 | 11.0 | 10.5 | 10.8 |
| **4** | 9.9 | 6.2 | 8.8 | 14.3 | 9.2 | 11.8 | 9.9 | 8.3 | 8.8 | 11.0 | 10.1 | 10.6 |
| **5** | 8.7 | 5.4 | 7.1 | 12.3 | 10.3 | 11.2 | 9.1 | 8.2 | 8.6 | 11.2 | 10.3 | 10.7 |
| **6** | 9.5 | 5.5 | 7.0 | 10.9 | 8.5 | 9.8 | 9.7 | 8.2 | 9.1 | 10.9 | 10.4 | 10.6 |
| **7** | 8.4 | 6.9 | 7.5 | 8.5 | 6.4 | 7.3 | 9.8 | 7.7 | 8.9 | 10.6 | 10.3 | 10.5 |
| **8** | 8.4 | 6.4 | 7.2 | 8.0 | 6.2 | 7.2 | 9.6 | 8.6 | 9.1 | 10.4 | 10.0 | 10.3 |
| **9** | 9.1 | 7.2 | 8.1 | 8.6 | 5.6 | 7.1 | 9.7 | 8.6 | 9.1 | 10.7 | 9.8 | 10.1 |
| **10** | 8.8 | 5.5 | 7.1 | 9.5 | 6.7 | 8.2 | 10.6 | 8.5 | 9.3 | 10.7 | 9.5 | 10.1 |
| **11** | 11.2 | 6.6 | 8.5 | 9.4 | 6.8 | 8.0 | 9.2 | 8.4 | 8.8 | 10.5 | 9.3 | 9.9 |
| **12** | 9.9 | 6.9 | 8.6 | 10.8 | 6.2 | 8.0 | 8.8 | 8.0 | 8.4 | 10.4 | 9.6 | 10.0 |
| **13** | 9.5 | 7.2 | 8.4 | 9.5 | 7.1 | 7.9 | 9.0 | 7.6 | 8.1 | 11.2 | 9.8 | 10.3 |
| **14** | 8.5 | 7.0 | 7.6 | --- | --- | --- | 8.0 | 7.1 | 7.6 | 10.7 | 9.5 | 9.9 |
| **15** | 8.2 | 6.5 | 7.2 | --- | --- | --- | 8.2 | 7.0 | 7.7 | 11.2 | 9.7 | 10.2 |
| **16** | 8.6 | 6.4 | 7.4 | --- | --- | --- | 8.8 | 7.7 | 8.2 | 10.7 | 9.5 | 9.9 |
| **17** | 9.6 | 6.9 | 7.8 | 9.3 | 8.3 | 8.8 | 8.9 | 7.9 | 8.3 | 11.2 | 9.6 | 10.2 |
| **18** | 9.5 | 7.3 | 8.0 | 8.8 | 7.3 | 8.1 | 9.2 | 7.7 | 8.2 | 10.2 | 9.9 | 10.0 |
| **19** | 9.8 | 6.9 | 8.3 | 10.5 | 8.8 | 9.6 | 10.2 | 8.4 | 9.0 | 11.4 | 10.0 | 10.7 |
| **20** | 10.4 | 8.6 | 9.5 | 10.6 | 7.9 | 9.5 | 10.4 | 7.7 | 9.1 | 11.6 | 10.7 | 11.1 |
| **21** | 9.5 | 8.2 | 8.9 | 9.4 | 7.7 | 8.6 | 10.3 | 9.1 | 9.7 | 11.4 | 10.7 | 11.0 |
| **22** | 9.1 | 7.4 | 8.2 | 9.0 | 7.9 | 8.4 | 10.6 | 9.2 | 9.7 | 12.0 | 10.5 | 11.0 |
| **23** | 10.1 | 7.8 | 8.8 | 8.6 | 8.0 | 8.3 | 11.1 | 9.2 | 10.1 | 11.4 | 10.6 | 10.8 |
| **24** | 10.9 | 8.2 | 9.3 | 8.3 | 7.6 | 8.1 | 10.6 | 9.9 | 10.2 | 11.0 | 10.5 | 10.7 |
| **25** | 11.7 | 8.6 | 10.0 | 7.8 | 7.2 | 7.5 | 11.1 | 9.9 | 10.4 | 10.6 | 10.1 | 10.4 |
| **26** | 11.4 | 8.8 | 10 | 8.6 | 6.7 | 7.8 | 11.0 | 9.7 | 10.3 | 10.7 | 10.0 | 10.2 |
| **27** | 11.2 | 9.5 | 10.2 | 8.7 | 7.6 | 8.2 | 10.7 | 9.7 | 10.2 | 10.6 | 10.2 | 10.4 |
| **28** | 10.8 | 9.0 | 9.8 | 9.6 | 8.0 | 8.8 | 11.1 | 9.6 | 10.3 | 10.6 | 9.8 | 10.2 |
| **29** | 11.3 | 9.3 | 10.1 | 11.2 | 7.7 | 9.0 | 10.4 | 9.5 | 9.9 | 10.7 | 9.6 | 10.0 |
| **30** | 11.4 | 9.4 | 9.9 | 10.9 | 7.8 | 9.5 | 10.1 | 8.9 | 9.5 | 10.4 | 9.4 | 10.0 |
| **31** | --- | --- | --- | --- | --- | --- | 10.7 | 9.1 | 9.9 | 10.4 | 9.8 | 10.0 |
| **Month** | --- | --- | --- | --- | --- | --- | 11.6 | 7.0 | 9.2 | 12.0 | 9.3 | 10.4 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.7 | 9.9 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 11.2 | 10.0 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 10.3 | 9.8 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 9.9 | 9.6 | 9.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 9.7 | 9.2 | 9.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 10.1 | 8.9 | 9.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 9.6 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 9.5 | 8.8 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 9.5 | 8.8 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 10.4 | 8.9 | 9.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 11.0 | 9.5 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 9.5 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 9.6 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.5 | 8.7 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 9.3 | 8.6 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 9.0 | 7.5 | 8.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

7.0

8.0

9.0

10.0

11.0

12.0

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** | --- | --- | --- | 96 | 76 | 86 | 58 | 51 | 55 | 51 | 40 | 45 |
| **2** | --- | --- | --- | 95 | 76 | 83 | 56 | 51 | 53 | 54 | 41 | 46 |
| **3** | --- | --- | --- | 82 | 68 | 75 | 59 | 49 | 54 | 58 | 41 | 46 |
| **4** | --- | --- | --- | 77 | 67 | 71 | 55 | 50 | 53 | 51 | 37 | 45 |
| **5** | --- | --- | --- | 73 | 61 | 66 | 56 | 49 | 53 | 53 | 35 | 44 |
| **6** | --- | --- | --- | 68 | 58 | 63 | 65 | 51 | 54 | 47 | 39 | 45 |
| **7** | --- | --- | --- | 66 | 55 | 60 | 55 | 51 | 53 | 62 | 36 | 50 |
| **8** | --- | --- | --- | 64 | 52 | 57 | 56 | 53 | 55 | 59 | 45 | 52 |
| **9** | --- | --- | --- | 64 | 52 | 57 | 55 | 51 | 53 | 56 | 48 | 52 |
| **10** | --- | --- | --- | 67 | 52 | 58 | 55 | 53 | 54 | 52 | 47 | 49 |
| **11** | --- | --- | --- | 67 | 53 | 59 | 56 | 50 | 52 | 53 | 48 | 51 |
| **12** | --- | --- | --- | 65 | 52 | 57 | 53 | 47 | 50 | 52 | 46 | 49 |
| **13** | --- | --- | --- | 63 | 50 | 55 | 51 | 47 | 48 | 51 | 44 | 49 |
| **14** | --- | --- | --- | 70 | 49 | 56 | 49 | 44 | 47 | 50 | 40 | 46 |
| **15** | --- | --- | --- | 69 | 52 | 60 | 46 | 45 | 46 | 49 | 43 | 48 |
| **16** | --- | --- | --- | 62 | 49 | 56 | 48 | 44 | 46 | 58 | 47 | 49 |
| **17** | --- | --- | --- | 59 | 54 | 57 | 45 | 42 | 44 | 150 | 58 | 110 |
| **18** | --- | --- | --- | 59 | 52 | 55 | 44 | 40 | 42 | 160 | 120 | 140 |
| **19** | --- | --- | --- | 60 | 50 | 56 | 42 | 37 | 39 | 130 | 100 | 120 |
| **20** | --- | --- | --- | 59 | 52 | 56 | 43 | 40 | 41 | 130 | 92 | 110 |
| **21** | --- | --- | --- | 61 | 53 | 55 | 42 | 38 | 40 | 92 | 75 | 83 |
| **22** | --- | --- | --- | 61 | 53 | 55 | 46 | 39 | 43 | 76 | 65 | 71 |
| **23** | --- | --- | --- | 57 | 51 | 54 | 46 | 37 | 42 | --- | --- | --- |
| **24** | --- | --- | --- | 58 | 51 | 53 | 47 | 40 | 43 | --- | --- | --- |
| **25** | --- | --- | --- | 58 | 52 | 54 | 44 | 38 | 41 | 63 | 57 | 59 |
| **26** | --- | --- | --- | 54 | 51 | 53 | 46 | 35 | 39 | 62 | 57 | 59 |
| **27** | --- | --- | --- | 55 | 50 | 52 | 38 | 35 | 36 | 61 | 44 | 54 |
| **28** | --- | --- | --- | 54 | 49 | 51 | 42 | 35 | 37 | --- | --- | --- |
| **29** | --- | --- | --- | 61 | 50 | 54 | 52 | 36 | 40 | --- | --- | --- |
| **30** | --- | --- | --- | 66 | 48 | 53 | 41 | 36 | 38 | --- | --- | --- |
| **31** | 110 | 77 | 91 | --- | --- | --- | 46 | 36 | 40 | --- | --- | --- |
| **Month** | --- | --- | --- | 96 | 48 | 59 | 65 | 35 | 46 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 40 | 36 | 39 | 53 | 40 | 47 | 57 | 38 | 47 |
| **2** | --- | --- | --- | 40 | 35 | 37 | 41 | 36 | 39 | 46 | 39 | 42 |
| **3** | --- | --- | --- | 42 | 35 | 38 | 38 | 32 | 35 | 59 | 38 | 49 |
| **4** | --- | --- | --- | 43 | 38 | 40 | --- | --- | --- | 56 | 42 | 49 |
| **5** | --- | --- | --- | 43 | 38 | 40 | --- | --- | --- | 80 | 54 | 64 |
| **6** | --- | --- | --- | 47 | 38 | 42 | --- | --- | --- | 140 | 71 | 86 |
| **7** | --- | --- | --- | 50 | 40 | 43 | 45 | 37 | 42 | 130 | 76 | 96 |
| **8** | --- | --- | --- | 52 | 41 | 46 | 44 | 38 | 41 | 87 | 62 | 67 |
| **9** | --- | --- | --- | 66 | 40 | 48 | 44 | 36 | 40 | 67 | 62 | 65 |
| **10** | --- | --- | --- | 79 | 45 | 60 | 45 | 37 | 41 | 71 | 54 | 63 |
| **11** | --- | --- | --- | 93 | 40 | 60 | 44 | 36 | 40 | 64 | 46 | 50 |
| **12** | --- | --- | --- | 62 | 38 | 50 | 42 | 35 | 39 | 57 | 48 | 52 |
| **13** | --- | --- | --- | 68 | 36 | 48 | 38 | 38 | 38 | --- | --- | --- |
| **14** | --- | --- | --- | 60 | 34 | 43 | 38 | 38 | 38 | --- | --- | --- |
| **15** | --- | --- | --- | 67 | 23 | 38 | --- | --- | --- | --- | --- | --- |
| **16** | 46 | 44 | 45 | 87 | 46 | 62 | --- | --- | --- | --- | --- | --- |
| **17** | 45 | 42 | 43 | 60 | 48 | 53 | --- | --- | --- | --- | --- | --- |
| **18** | 43 | 41 | 42 | 51 | 48 | 50 | --- | --- | --- | 40 | 35 | 37 |
| **19** | 42 | 41 | 41 | 54 | 46 | 48 | 41 | 37 | 39 | 35 | 32 | 34 |
| **20** | 42 | 40 | 41 | 53 | 44 | 48 | 41 | 37 | 39 | 36 | 33 | 35 |
| **21** | 41 | 39 | 40 | 53 | 44 | 47 | 40 | 37 | 39 | 34 | 32 | 33 |
| **22** | 41 | 39 | 39 | 51 | 42 | 45 | 40 | 37 | 38 | 35 | 32 | 34 |
| **23** | 40 | 37 | 38 | 58 | 39 | 45 | 39 | 37 | 38 | 34 | 32 | 33 |
| **24** | 41 | 38 | 39 | 64 | 40 | 48 | 41 | 38 | 40 | 34 | 30 | 32 |
| **25** | 41 | 39 | 40 | 67 | 42 | 53 | 40 | 38 | 39 | 32 | 30 | 31 |
| **26** | 40 | 37 | 38 | 58 | 39 | 47 | 43 | 39 | 41 | 34 | 30 | 31 |
| **27** | 41 | 36 | 38 | 65 | 42 | 54 | 41 | 39 | 40 | 34 | 29 | 30 |
| **28** | 38 | 36 | 37 | 46 | 41 | 43 | 41 | 37 | 39 | 46 | 28 | 35 |
| **29** | --- | --- | --- | 49 | 42 | 46 | 51 | 37 | 40 | 52 | 36 | 42 |
| **30** | --- | --- | --- | 51 | 45 | 48 | 50 | 40 | 44 | 41 | 30 | 33 |
| **31** | --- | --- | --- | 52 | 46 | 48 | --- | --- | --- | 52 | 30 | 40 |
| **Month** | --- | --- | --- | 93 | 23 | 47 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 40 | 28 | 32 | 20 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **2** | 32 | 26 | 29 | 19 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **3** | 34 | 25 | 28 | --- | --- | --- | 21 | 11 | 15 | --- | --- | --- |
| **4** | 34 | 25 | 29 | --- | --- | --- | 20 | 11 | 14 | 9.4 | 6.3 | 8.3 |
| **5** | 30 | 26 | 28 | --- | --- | --- | 17 | 9.8 | 13 | 9.4 | 6.5 | 7.8 |
| **6** | 30 | 23 | 26 | --- | --- | --- | 16 | 9.1 | 12 | 9.9 | 6.4 | 8.1 |
| **7** | 32 | 26 | 29 | 42 | 32 | 36 | --- | --- | --- | 13 | 6.2 | 8.7 |
| **8** | 30 | 27 | 29 | 42 | 30 | 35 | --- | --- | --- | 10 | 6.6 | 8.0 |
| **9** | 29 | 23 | 25 | 37 | 30 | 34 | --- | --- | --- | 10 | 7.0 | 8.4 |
| **10** | 28 | 21 | 24 | --- | --- | --- | --- | --- | --- | 11 | 6.7 | 8.3 |
| **11** | 27 | 22 | 24 | --- | --- | --- | 25 | 7.2 | 15 | --- | --- | --- |
| **12** | 27 | 18 | 20 | --- | --- | --- | 18 | 6.3 | 12 | --- | --- | --- |
| **13** | 24 | 17 | 19 | --- | --- | --- | 22 | 8.8 | 16 | --- | --- | --- |
| **14** | 22 | 16 | 18 | 24 | 19 | 21 | --- | --- | --- | --- | --- | --- |
| **15** | 22 | 17 | 19 | 23 | 19 | 21 | --- | --- | --- | 9.7 | 6.5 | 7.6 |
| **16** | 25 | 19 | 21 | 30 | 19 | 23 | --- | --- | --- | 8.9 | 6.1 | 7.4 |
| **17** | --- | --- | --- | 33 | 21 | 23 | --- | --- | --- | 10 | 6.2 | 8.0 |
| **18** | --- | --- | --- | 33 | 22 | 27 | --- | --- | --- | 10 | 7.3 | 8.5 |
| **19** | --- | --- | --- | 38 | 28 | 32 | --- | --- | --- | 10 | 5.8 | 7.9 |
| **20** | 20 | 15 | 17 | 44 | 34 | 39 | --- | --- | --- | 14 | 7.7 | 8.9 |
| **21** | 19 | 15 | 17 | 44 | 34 | 40 | --- | --- | --- | 17 | 7.7 | 13 |
| **22** | 18 | 14 | 16 | --- | --- | --- | 12 | 7.2 | 9.2 | --- | --- | --- |
| **23** | 16 | 14 | 15 | --- | --- | --- | 15 | 9.7 | 11 | --- | --- | --- |
| **24** | 19 | 13 | 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | 22 | 12 | 17 | --- | --- | --- | --- | --- | --- | 9.2 | 6.2 | 8.1 |
| **26** | 20 | 16 | 19 | --- | --- | --- | --- | --- | --- | 12 | 5.4 | 7.6 |
| **27** | 23 | 20 | 21 | 30 | 21 | 26 | --- | --- | --- | 12 | 6.2 | 8.0 |
| **28** | 21 | 17 | 19 | 34 | 20 | 25 | --- | --- | --- | 8.5 | 5.7 | 7.1 |
| **29** | 18 | 15 | 17 | 33 | 20 | 26 | 16 | 7.3 | 11 | 13 | 6.6 | 8.9 |
| **30** | 17 | 13 | 15 | --- | --- | --- | 13 | 6.0 | 9.1 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | 13 | 5.7 | 8.8 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

0

20

40

60

80

100

120

140

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** | --- | --- | --- | --- | --- | --- | 16 | 13 | 15 | 31 | 25 | 28 |
| **2** | --- | --- | --- | --- | --- | --- | 22 | 14 | 17 | 28 | 27 | 27 |
| **3** | 12 | 5.1 | 7.4 | 28 | 10 | 20 | 34 | 21 | 28 | 30 | 26 | 28 |
| **4** | 14 | 4.8 | 7.9 | 21 | 6.3 | 15 | 31 | 24 | 27 | 28 | 26 | 27 |
| **5** | 14 | 6.1 | 8.6 | 8.5 | 6.2 | 7.2 | 33 | 25 | 28 | 26 | 24 | 25 |
| **6** | --- | --- | --- | 16 | 6.6 | 11 | 34 | 25 | 28 | 27 | 22 | 25 |
| **7** | --- | --- | --- | 20 | 11 | 15 | 31 | 24 | 26 | 25 | 21 | 23 |
| **8** | --- | --- | --- | 13 | 11 | 12 | 30 | 24 | 27 | 33 | 22 | 25 |
| **9** | --- | --- | --- | 19 | 9.2 | 13 | 30 | 27 | 28 | 28 | 21 | 24 |
| **10** | --- | --- | --- | 15 | 8.9 | 11 | 29 | 25 | 27 | 24 | 20 | 22 |
| **11** | --- | --- | --- | 12 | 9.8 | 11 | 37 | 24 | 28 | 27 | 22 | 23 |
| **12** | 13 | 6.3 | 9.7 | 15 | 11 | 12 | 40 | 28 | 31 | 26 | 20 | 23 |
| **13** | 12 | 6.3 | 8.4 | 21 | 11 | 15 | 32 | 28 | 30 | 29 | 21 | 25 |
| **14** | 14 | 7.5 | 11 | 21 | 10 | 14 | 35 | 29 | 31 | 29 | 20 | 25 |
| **15** | 20 | 8.1 | 12 | --- | --- | --- | --- | --- | --- | 24 | 20 | 22 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 | 21 | 23 |
| **17** | --- | --- | --- | 16 | 10 | 11 | --- | --- | --- | 25 | 23 | 24 |
| **18** | --- | --- | --- | 18 | 10 | 13 | --- | --- | --- | 30 | 24 | 26 |
| **19** | --- | --- | --- | 12 | 9.2 | 10 | --- | --- | --- | 38 | 26 | 30 |
| **20** | 22 | 12 | 16 | 12 | 9.3 | 10 | --- | --- | --- | 28 | 26 | 26 |
| **21** | 22 | 13 | 18 | 18 | 11 | 14 | --- | --- | --- | 29 | 26 | 28 |
| **22** | 28 | 16 | 21 | --- | --- | --- | --- | --- | --- | 28 | 26 | 27 |
| **23** | 22 | 15 | 19 | --- | --- | --- | 45 | 26 | 30 | 48 | 27 | 33 |
| **24** | 31 | 18 | 20 | --- | --- | --- | 32 | 26 | 30 | 54 | 28 | 39 |
| **25** | 24 | 17 | 19 | --- | --- | --- | 28 | 23 | 26 | 55 | 36 | 39 |
| **26** | 27 | 18 | 22 | --- | --- | --- | 26 | 23 | 24 | 48 | 34 | 39 |
| **27** | 32 | 22 | 27 | 34 | 20 | 30 | 31 | 22 | 26 | 53 | 40 | 45 |
| **28** | 31 | 21 | 25 | 26 | 16 | 20 | --- | --- | --- | 71 | 37 | 43 |
| **29** | --- | --- | --- | 32 | 16 | 21 | --- | --- | --- | 51 | 42 | 46 |
| **30** | --- | --- | --- | 24 | 13 | 18 | --- | --- | --- | 58 | 42 | 49 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51 | 44 | 48 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 71 | 20 | 30 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 33 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 43 | 31 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 42 | 36 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 42 | 38 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 44 | 37 | 40 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 44 | 31 | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 43 | 32 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 38 | 30 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 37 | 33 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 35 | 30 | 33 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 33 | 25 | 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 35 | 28 | 32 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 38 | 30 | 33 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 38 | 32 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 38 | 35 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 50 | 36 | 40 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

0

10

20

30

40

50

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** | --- | --- | --- | 21.7 | 20.3 | 21.0 | 16.0 | 14.9 | 15.4 | 14.4 | 13.1 | 13.7 |
| **2** | --- | --- | --- | 20.4 | 19.0 | 19.8 | 15.5 | 14.8 | 15.1 | 14.0 | 12.9 | 13.4 |
| **3** | --- | --- | --- | 20.2 | 18.5 | 19.2 | 14.8 | 13.2 | 14.1 | 13.2 | 12.7 | 13.0 |
| **4** | --- | --- | --- | 19.9 | 18.1 | 19.1 | 13.7 | 12.7 | 13.2 | 13.2 | 12.4 | 12.9 |
| **5** | --- | --- | --- | 19.5 | 18.7 | 19.2 | 13.9 | 12.3 | 13.0 | 13.7 | 12.2 | 13.0 |
| **6** | --- | --- | --- | 19.8 | 19.3 | 19.5 | 13.3 | 13.0 | 13.2 | 14.1 | 13.1 | 13.5 |
| **7** | --- | --- | --- | 20.3 | 18.9 | 19.5 | 13.2 | 12.3 | 13.0 | 14.1 | 12.1 | 13.3 |
| **8** | --- | --- | --- | 20.1 | 18.9 | 19.5 | 12.4 | 11.3 | 11.9 | 13.7 | 12.1 | 12.9 |
| **9** | --- | --- | --- | 21.1 | 19.6 | 20.3 | 11.8 | 10.9 | 11.3 | 14.0 | 11.8 | 13.0 |
| **10** | --- | --- | --- | 21.5 | 20.2 | 20.9 | 12.2 | 11.1 | 11.7 | 13.7 | 12.2 | 13.0 |
| **11** | --- | --- | --- | 20.6 | 19.1 | 19.7 | 12.5 | 12.2 | 12.3 | 14.1 | 12.8 | 13.5 |
| **12** | --- | --- | --- | 20.0 | 18.6 | 19.2 | 14.1 | 12.4 | 13.0 | 15.0 | 13.7 | 14.4 |
| **13** | --- | --- | --- | 19.7 | 18.6 | 19.2 | 14.0 | 12.5 | 13.1 | 16.9 | 14.7 | 15.5 |
| **14** | --- | --- | --- | 20.6 | 19.3 | 19.8 | 15.0 | 12.9 | 13.8 | 16.3 | 12.5 | 14.9 |
| **15** | --- | --- | --- | 20.1 | 18.1 | 19.2 | 15.3 | 13.8 | 14.6 | 14.6 | 12.7 | 13.6 |
| **16** | --- | --- | --- | 18.5 | 17.3 | 17.9 | 15.4 | 14.5 | 14.9 | 12.7 | 10.8 | 11.8 |
| **17** | --- | --- | --- | 18.4 | 16.8 | 17.5 | 16.4 | 14.7 | 15.5 | 10.8 | 9.0 | 9.6 |
| **18** | --- | --- | --- | 18.1 | 17.1 | 17.5 | 16.7 | 15.9 | 16.3 | 9.0 | 7.9 | 8.2 |
| **19** | --- | --- | --- | 17.7 | 16.4 | 17.1 | 17.1 | 16.7 | 16.9 | 8.2 | 7.7 | 8.0 |
| **20** | --- | --- | --- | 17.1 | 15.8 | 16.4 | 17.0 | 16.3 | 16.7 | 8.5 | 8.0 | 8.2 |
| **21** | --- | --- | --- | 17.3 | 15.2 | 16.1 | 16.7 | 16.0 | 16.4 | 9.7 | 8.4 | 8.8 |
| **22** | --- | --- | --- | 17.5 | 15.8 | 16.5 | 16.4 | 15.3 | 15.9 | 9.5 | 8.8 | 9.2 |
| **23** | --- | --- | --- | 17.0 | 16.4 | 16.7 | 15.6 | 14.6 | 15.1 | --- | --- | --- |
| **24** | --- | --- | --- | 17.6 | 16.5 | 16.9 | 14.6 | 13.9 | 14.2 | --- | --- | --- |
| **25** | --- | --- | --- | 18.2 | 16.7 | 17.2 | 13.9 | 12.8 | 13.5 | 10.4 | 8.6 | 9.5 |
| **26** | --- | --- | --- | 18.3 | 17.0 | 17.6 | 13.7 | 12.2 | 12.8 | 11.1 | 9.7 | 10.3 |
| **27** | --- | --- | --- | 17.8 | 17.6 | 17.7 | 13.7 | 12.4 | 13.0 | 12.0 | 10.5 | 11.1 |
| **28** | --- | --- | --- | 18.8 | 17.7 | 18.3 | 13.8 | 12.9 | 13.4 | 10.9 | 9.4 | 10.2 |
| **29** | --- | --- | --- | 18.6 | 18.4 | 18.5 | 15.1 | 13.6 | 14.3 | --- | --- | --- |
| **30** | --- | --- | --- | 18.9 | 15.6 | 17.4 | 14.8 | 14.2 | 14.5 | --- | --- | --- |
| **31** | 22.2 | 21.0 | 21.5 | --- | --- | --- | 15.0 | 13.8 | 14.3 | --- | --- | --- |
| **Month** | --- | --- | --- | 21.7 | 15.2 | 18.5 | 17.1 | 10.9 | 14.1 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 17.1 | 15.8 | 16.6 | 23.7 | 21.9 | 22.6 | --- | --- | --- |
| **2** | --- | --- | --- | 17.6 | 15.8 | 16.6 | 23.4 | 22.5 | 22.9 | --- | --- | --- |
| **3** | --- | --- | --- | 17.1 | 15.3 | 16.2 | 23.9 | 22.6 | 23.1 | --- | --- | --- |
| **4** | --- | --- | --- | 16.1 | 14.1 | 15.1 | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | 16.2 | 14.0 | 15.0 | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | 16.5 | 14.8 | 15.5 | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | 16.7 | 14.6 | 15.6 | 21.3 | 18.5 | 19.6 | --- | --- | --- |
| **8** | --- | --- | --- | 17.2 | 15.7 | 16.3 | 18.9 | 18.0 | 18.4 | --- | --- | --- |
| **9** | --- | --- | --- | 18.4 | 15.7 | 16.8 | 19.3 | 17.6 | 18.3 | --- | --- | --- |
| **10** | --- | --- | --- | 18.0 | 16.8 | 17.4 | 19.9 | 18.4 | 19.0 | --- | --- | --- |
| **11** | --- | --- | --- | 18.8 | 17.0 | 17.8 | 20.2 | 19.2 | 19.5 | --- | --- | --- |
| **12** | --- | --- | --- | 18.6 | 17.6 | 18.2 | 20.5 | 19.4 | 19.9 | --- | --- | --- |
| **13** | --- | --- | --- | 19.4 | 18.0 | 18.6 | 20.2 | 19.6 | 20.0 | --- | --- | --- |
| **14** | --- | --- | --- | 19.0 | 18.0 | 18.4 | 20.2 | 18.9 | 19.7 | --- | --- | --- |
| **15** | --- | --- | --- | 19.7 | 18.2 | 19.0 | --- | --- | --- | --- | --- | --- |
| **16** | 10.8 | 9.2 | 9.9 | 19.4 | 18.2 | 18.9 | --- | --- | --- | --- | --- | --- |
| **17** | 11.7 | 9.6 | 10.6 | 19.2 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- |
| **18** | 11.9 | 9.6 | 10.5 | 19.0 | 18.1 | 18.5 | --- | --- | --- | 26.5 | 25.0 | 25.6 |
| **19** | 11.2 | 10.2 | 10.8 | 19.2 | 18.3 | 18.7 | 21.3 | 18.9 | 19.6 | 26.0 | 24.7 | 25.3 |
| **20** | 12.0 | 11.1 | 11.6 | 19.9 | 18.7 | 19.2 | 21.7 | 19.8 | 20.8 | 26.3 | 24.9 | 25.5 |
| **21** | 13.4 | 11.9 | 12.6 | 20.4 | 19.3 | 19.8 | 21.7 | 20.6 | 21.1 | 25.6 | 25.0 | 25.3 |
| **22** | 14.1 | 12.8 | 13.4 | 20.8 | 19.5 | 20.1 | 21.9 | 20.8 | 21.3 | 25.7 | 24.6 | 25.1 |
| **23** | 14.8 | 13.7 | 14.2 | 21.4 | 20.0 | 20.6 | 21.8 | 21.2 | 21.5 | 26.0 | 24.7 | 25.4 |
| **24** | 15.4 | 13.9 | 14.7 | 21.5 | 20.5 | 21.0 | 22.0 | 21.4 | 21.7 | 26.6 | 25.4 | 26.0 |
| **25** | 15.1 | 13.8 | 14.4 | 21.7 | 20.9 | 21.2 | 22.6 | 21.4 | 21.9 | 26.5 | 25.6 | 26.1 |
| **26** | 15.7 | 14.4 | 15.0 | 21.6 | 20.9 | 21.3 | 22.8 | 21.0 | 21.9 | 26.1 | 25.5 | 25.8 |
| **27** | 16.8 | 14.8 | 15.5 | 22.4 | 21.0 | 21.7 | 23.2 | 21.8 | 22.5 | 26.4 | 25.3 | 25.7 |
| **28** | 16.8 | 15.5 | 16.2 | 22.8 | 21.7 | 22.2 | --- | --- | --- | 25.7 | 24.8 | 25.3 |
| **29** | --- | --- | --- | 23.1 | 22.1 | 22.6 | --- | --- | --- | 27.2 | 24.4 | 25.3 |
| **30** | --- | --- | --- | 23.1 | 22.4 | 22.7 | --- | --- | --- | 27.7 | 25.6 | 26.3 |
| **31** | --- | --- | --- | 22.8 | 22.2 | 22.4 | --- | --- | --- | 28.8 | 26.0 | 26.9 |
| **Month** | --- | --- | --- | 23.1 | 14.0 | 18.8 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 29.0 | 26.4 | 27.7 | 29.6 | 29.2 | 29.3 | 31.2 | 29.8 | 30.2 | 30.4 | 29.4 | 29.9 |
| **2** | 28.8 | 27.1 | 27.5 | 29.2 | 28.7 | 28.9 | 30.4 | 29.6 | 29.9 | 30.1 | 29.2 | 29.5 |
| **3** | 28.3 | 27.2 | 27.7 | 29.5 | 28.3 | 28.9 | 31.5 | 29.5 | 30.3 | 29.7 | 29.1 | 29.4 |
| **4** | 28.1 | 27.0 | 27.5 | 28.8 | 28.3 | 28.6 | 32.0 | 30.4 | 30.9 | 29.6 | 28.8 | 29.1 |
| **5** | 29.5 | 27.1 | 28.3 | 29.0 | 27.8 | 28.3 | 31.6 | 30.5 | 31.0 | 29.6 | 28.9 | 29.2 |
| **6** | 29.3 | 28.1 | 28.7 | 28.6 | 27.3 | 27.9 | 31.7 | 30.4 | 30.9 | 30.0 | 28.9 | 29.4 |
| **7** | 28.7 | 27.8 | 28.2 | 28.2 | 27.2 | 27.4 | 31.6 | 30.2 | 30.7 | 30.6 | 29.0 | 29.5 |
| **8** | 29.5 | 28.2 | 28.7 | 30.6 | 27.1 | 28.2 | 31.3 | 30.5 | 30.8 | 30.4 | 29.3 | 29.7 |
| **9** | 30.0 | 28.3 | 29.0 | 29.2 | 28.1 | 28.6 | 31.9 | 30.2 | 30.6 | 30.3 | 29.3 | 29.7 |
| **10** | 30.5 | 28.9 | 29.4 | 30.1 | 28.4 | 29.1 | 32.5 | 30.5 | 31.3 | 31.5 | 29.3 | 30.0 |
| **11** | 30.2 | 29.5 | 29.8 | 31.5 | 29.2 | 29.7 | 32.5 | 30.9 | 31.5 | 30.7 | 29.6 | 30.2 |
| **12** | 31.8 | 29.4 | 30.2 | 30.4 | 29.5 | 29.8 | 32.7 | 30.9 | 31.8 | 29.6 | 28.6 | 29.0 |
| **13** | 31.0 | 29.7 | 30.3 | 30.1 | 29.8 | 29.9 | 32.6 | 31.5 | 32.0 | 29.6 | 28.0 | 28.8 |
| **14** | 30.7 | 29.6 | 30.0 | 30.0 | 29.2 | 29.6 | 33.5 | 31.8 | 32.4 | 30.4 | 28.6 | 29.2 |
| **15** | 30.8 | 29.5 | 29.9 | 29.7 | 29.0 | 29.3 | 33.1 | 32.1 | 32.8 | 30.0 | 29.0 | 29.5 |
| **16** | 29.7 | 29.0 | 29.4 | 30.1 | 28.9 | 29.4 | 32.1 | 30.8 | 31.3 | 30.0 | 28.2 | 28.9 |
| **17** | 29.0 | 28.4 | 28.7 | 30.0 | 29.2 | 29.5 | 31.5 | 30.5 | 30.8 | 30.1 | 28.1 | 29.0 |
| **18** | 29.4 | 28.2 | 28.7 | 29.8 | 28.9 | 29.3 | 30.8 | 30.1 | 30.4 | 30.2 | 28.0 | 29.0 |
| **19** | 30.0 | 28.7 | 29.3 | 29.2 | 28.5 | 28.7 | 31.2 | 29.9 | 30.5 | 30.4 | 28.6 | 29.5 |
| **20** | 30.4 | 28.9 | 29.4 | 28.5 | 27.7 | 28.1 | 31.4 | 30.1 | 30.6 | 30.1 | 28.8 | 29.4 |
| **21** | 29.6 | 29.0 | 29.3 | 30.2 | 27.6 | 28.4 | 31.4 | 30.0 | 30.6 | 30.2 | 28.3 | 29.1 |
| **22** | 29.8 | 29.0 | 29.3 | 29.6 | 27.3 | 28.3 | 31.3 | 30.1 | 30.7 | 29.9 | 28.4 | 29.0 |
| **23** | 29.5 | 28.9 | 29.2 | 29.9 | 28.3 | 29.0 | 31.6 | 30.4 | 30.9 | 30.0 | 28.2 | 28.9 |
| **24** | 29.8 | 28.2 | 28.9 | 29.7 | 28.4 | 28.9 | 32.5 | 30.5 | 31.1 | 29.8 | 28.0 | 28.8 |
| **25** | 29.1 | 28.5 | 28.8 | 30.2 | 28.8 | 29.3 | 31.9 | 30.9 | 31.2 | 29.6 | 28.7 | 29.1 |
| **26** | 28.9 | 28.4 | 28.6 | 29.6 | 29.0 | 29.4 | 32.4 | 31.0 | 31.4 | 29.8 | 28.1 | 28.8 |
| **27** | 29.4 | 28.6 | 28.9 | 29.0 | 28.3 | 28.5 | 32.3 | 30.7 | 31.3 | 29.9 | 28.6 | 29.2 |
| **28** | 29.7 | 28.5 | 29.0 | 29.1 | 28.1 | 28.5 | 31.8 | 30.5 | 31.2 | 29.8 | 28.4 | 29.1 |
| **29** | 29.6 | 28.7 | 29.1 | 29.7 | 28.6 | 29.0 | 31.7 | 30.4 | 31.0 | 29.3 | 27.9 | 28.6 |
| **30** | 31.2 | 28.7 | 29.5 | 30.5 | 29.1 | 29.5 | 31.7 | 30.0 | 30.5 | 28.8 | 28.0 | 28.4 |
| **31** | --- | --- | --- | 31.2 | 29.4 | 29.7 | 31.1 | 30.1 | 30.6 | --- | --- | --- |
| **Month** | 31.8 | 26.4 | 29.0 | 31.5 | 27.1 | 28.9 | 33.5 | 29.5 | 31.0 | 31.5 | 27.9 | 29.2 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

5

10

15

20

25

30

35

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** | 30.0 | 28.2 | 28.8 | --- | --- | --- | 17.3 | 16.3 | 16.8 | 12.6 | 11.6 | 12.1 |
| **2** | 30.1 | 28.3 | 28.9 | --- | --- | --- | 17.4 | 16.5 | 17.0 | 11.9 | 10.5 | 11.3 |
| **3** | 29.1 | 28.1 | 28.7 | 22.0 | 20.6 | 21.0 | 16.5 | 14.7 | 15.4 | 11.2 | 10.0 | 10.6 |
| **4** | 29.4 | 28.5 | 28.9 | 22.3 | 20.9 | 21.4 | 15.4 | 14.2 | 14.8 | 11.3 | 10.0 | 10.8 |
| **5** | 28.9 | 28.2 | 28.4 | 22.4 | 21.6 | 21.9 | 15.5 | 14.5 | 15.0 | 12.2 | 11.1 | 11.6 |
| **6** | 29.1 | 27.8 | 28.4 | 22.0 | 20.6 | 21.5 | 15.8 | 14.6 | 15.2 | 12.9 | 11.8 | 12.4 |
| **7** | 28.6 | 27.8 | 28.2 | 20.6 | 19.7 | 20.2 | 16.2 | 15.1 | 15.6 | 13.8 | 12.7 | 13.4 |
| **8** | 28.8 | 27.5 | 28.0 | 20.3 | 19.4 | 19.9 | 17.0 | 15.9 | 16.5 | 14.5 | 13.6 | 14.1 |
| **9** | 29.0 | 27.9 | 28.4 | 21.1 | 19.8 | 20.4 | 17.9 | 16.8 | 17.3 | 14.4 | 13.0 | 13.8 |
| **10** | 28.7 | 27.5 | 28.0 | 21.2 | 20.6 | 20.8 | 18.4 | 17.5 | 17.9 | 15.2 | 13.3 | 14.4 |
| **11** | 28.6 | 27.1 | 28.6 | 21.1 | 20.5 | 20.8 | 18.9 | 17.8 | 18.3 | 14.9 | 12.7 | 13.7 |
| **12** | 28.0 | 26.8 | 27.5 | 22.3 | 20.5 | 21.1 | 18.8 | 17.1 | 18.4 | 15.3 | 13.2 | 14.1 |
| **13** | 27.8 | 26.7 | 27.3 | 22.1 | 21.0 | 21.6 | 17.8 | 16.5 | 17.1 | 14.7 | 13.1 | 13.8 |
| **14** | 27.0 | 25.9 | 26.5 | 22.2 | 21.2 | 21.9 | 17.5 | 17.1 | 17.3 | 14.2 | 12.8 | 13.7 |
| **15** | 26.9 | 25.6 | 26.3 | 21.2 | 19.2 | 20.3 | 17.6 | 15.1 | 16.8 | 14.0 | 13.6 | 13.8 |
| **16** | 25.7 | 25.0 | 25.3 | 20.1 | 19.0 | 19.5 | 15.9 | 14.3 | 15.1 | 13.6 | 13.0 | 13.3 |
| **17** | 26.2 | 24.9 | 25.4 | 19.8 | 19.3 | 19.6 | 15.7 | 13.8 | 14.7 | 13.5 | 12.8 | 13.2 |
| **18** | 26.3 | 24.9 | 25.5 | 19.6 | 19.3 | 19.4 | 16.1 | 14.8 | 15.4 | 12.8 | 11.8 | 12.4 |
| **19** | 25.5 | 24.3 | 24.9 | 20.1 | 19.5 | 19.8 | 16.5 | 15.3 | 15.9 | 12.0 | 11.1 | 11.6 |
| **20** | 25.7 | 24.6 | 25.0 | 20.6 | 19.9 | 20.2 | 17.1 | 15.7 | 16.3 | 11.7 | 10.7 | 11.1 |
| **21** | 25.4 | 24.4 | 24.8 | 20.7 | 19.6 | 20.2 | 16.5 | 15.4 | 15.9 | 11.2 | 10.8 | 11.0 |
| **22** | 24.8 | 23.3 | 24.1 | 19.6 | 17.6 | 18.5 | 16.7 | 14.5 | 16.0 | 12.1 | 11.2 | 11.5 |
| **23** | 23.3 | 22.0 | 22.7 | 17.6 | 17.0 | 17.3 | 15.1 | 14.0 | 14.4 | 11.6 | 10.8 | 11.0 |
| **24** | 22.0 | 20.8 | 21.5 | 17.0 | 16.1 | 16.5 | 14.7 | 13.6 | 14.1 | 11.2 | 10.3 | 10.7 |
| **25** | 21.4 | 20.2 | 20.7 | 16.1 | 14.5 | 15.5 | 14.6 | 13.2 | 13.8 | 10.4 | 10.0 | 10.2 |
| **26** | 21.0 | 19.6 | 20.3 | 15.3 | 13.9 | 14.5 | 14.3 | 13.3 | 13.8 | 10.9 | 9.9 | 10.3 |
| **27** | 20.9 | 19.6 | 20.1 | 15.2 | 13.9 | 14.5 | 13.7 | 12.6 | 13.2 | 11.0 | 10.2 | 10.5 |
| **28** | 20.5 | 19.5 | 19.9 | 15.7 | 14.7 | 15.1 | 14.1 | 12.9 | 13.4 | 11.4 | 10.4 | 10.9 |
| **29** | 20.4 | 19.3 | 19.7 | 15.9 | 15.1 | 15.4 | 13.2 | 12.4 | 12.8 | 12.8 | 11.2 | 11.7 |
| **30** | 20.3 | 19.0 | 19.4 | 16.7 | 15.3 | 15.9 | 13.4 | 12.0 | 12.7 | 11.5 | 10.6 | 11.0 |
| **31** | --- | --- | --- | --- | --- | --- | 13.9 | 12.6 | 13.2 | 12.0 | 11.0 | 11.4 |
| **Month** | --- | --- | --- | --- | --- | --- | 18.9 | 12.0 | 15.5 | 15.3 | 9.9 | 12.1 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 11.5 | 10.4 | 11.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 12.4 | 10.9 | 11.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 12.8 | 11.9 | 12.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 13.8 | 12.8 | 13.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 14.8 | 13.8 | 14.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 14.6 | 13.1 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 14.5 | 13.3 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 14.7 | 13.0 | 13.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 15.3 | 14.0 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 16.3 | 14.6 | 15.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 15.9 | 14.9 | 15.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 15.6 | 14.4 | 15.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 15.5 | 13.6 | 14.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 15.1 | 14.2 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 15.7 | 15.0 | 15.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 16.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

10

15

20

25

30

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** | --- | --- | --- | 69 | 63 | 67 | 109 | 97 | 101 | 225 | 185 | 206 |
| **2** | --- | --- | --- | 74 | 63 | 68 | 111 | 107 | 109 | 237 | 217 | 225 |
| **3** | --- | --- | --- | 72 | 66 | 68 | 116 | 107 | 111 | 244 | 224 | 236 |
| **4** | --- | --- | --- | 69 | 65 | 68 | 116 | 105 | 110 | 239 | 223 | 232 |
| **5** | --- | --- | --- | 71 | 66 | 70 | 130 | 111 | 118 | 240 | 197 | 220 |
| **6** | --- | --- | --- | 72 | 68 | 70 | 127 | 120 | 123 | 207 | 201 | 204 |
| **7** | --- | --- | --- | 76 | 69 | 72 | 132 | 121 | 126 | 208 | 183 | 191 |
| **8** | --- | --- | --- | 78 | 72 | 76 | 131 | 119 | 123 | 194 | 172 | 183 |
| **9** | --- | --- | --- | 88 | 75 | 80 | 133 | 118 | 126 | 176 | 161 | 172 |
| **10** | --- | --- | --- | 91 | 80 | 88 | 121 | 119 | 120 | 170 | 160 | 162 |
| **11** | --- | --- | --- | 108 | 89 | 98 | 120 | 119 | 120 | 170 | 164 | 168 |
| **12** | --- | --- | --- | 109 | 94 | 102 | 136 | 120 | 128 | 179 | 161 | 167 |
| **13** | --- | --- | --- | 106 | 97 | 103 | 135 | 127 | 133 | 174 | 165 | 166 |
| **14** | --- | --- | --- | --- | --- | --- | 133 | 120 | 127 | 176 | 164 | 168 |
| **15** | --- | --- | --- | --- | --- | --- | 137 | 124 | 128 | 181 | 166 | 172 |
| **16** | --- | --- | --- | --- | --- | --- | 139 | 127 | 129 | 185 | 168 | 172 |
| **17** | --- | --- | --- | 103 | 96 | 99 | 142 | 131 | 135 | 185 | 143 | 161 |
| **18** | --- | --- | --- | 109 | 98 | 102 | 146 | 134 | 140 | 151 | 133 | 135 |
| **19** | --- | --- | --- | 110 | 104 | 107 | 160 | 146 | 153 | 155 | 132 | 145 |
| **20** | --- | --- | --- | 110 | 103 | 107 | 153 | 136 | 141 | 165 | 142 | 152 |
| **21** | --- | --- | --- | 108 | 100 | 103 | 161 | 144 | 156 | 166 | 137 | 154 |
| **22** | --- | --- | --- | 105 | 100 | 102 | 159 | 142 | 146 | 173 | 133 | 154 |
| **23** | --- | --- | --- | 102 | 100 | 101 | 179 | 146 | 163 | --- | --- | --- |
| **24** | --- | --- | --- | 102 | 100 | 101 | 165 | 146 | 157 | --- | --- | --- |
| **25** | --- | --- | --- | 102 | 100 | 101 | 166 | 146 | 156 | 173 | 154 | 167 |
| **26** | --- | --- | --- | 102 | 100 | 101 | 184 | 145 | 168 | 170 | 148 | 159 |
| **27** | --- | --- | --- | 105 | 101 | 102 | 185 | 180 | 182 | 163 | 141 | 153 |
| **28** | --- | --- | --- | 108 | 99 | 104 | 189 | 180 | 185 | --- | --- | --- |
| **29** | --- | --- | --- | 106 | 99 | 102 | 189 | 157 | 179 | --- | --- | --- |
| **30** | --- | --- | --- | 109 | 98 | 104 | 189 | 161 | 182 | --- | --- | --- |
| **31** | 74 | 63 | 68 | --- | --- | --- | 205 | 173 | 188 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 205 | 97 | 141 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 157 | 151 | 155 | 177 | 141 | 155 | 193 | 174 | 184 |
| **2** | --- | --- | --- | 163 | 157 | 160 | 177 | 164 | 170 | 198 | 189 | 194 |
| **3** | --- | --- | --- | 161 | 157 | 160 | 176 | 160 | 171 | 194 | 184 | 191 |
| **4** | --- | --- | --- | 167 | 151 | 158 | --- | --- | --- | 229 | 183 | 198 |
| **5** | --- | --- | --- | 164 | 153 | 159 | --- | --- | --- | 229 | 185 | 206 |
| **6** | --- | --- | --- | 160 | 155 | 158 | --- | --- | --- | 192 | 157 | 184 |
| **7** | --- | --- | --- | 159 | 155 | 157 | 168 | 153 | 163 | 188 | 151 | 168 |
| **8** | --- | --- | --- | 161 | 155 | 159 | 165 | 158 | 162 | 170 | 155 | 164 |
| **9** | --- | --- | --- | 160 | 155 | 157 | 166 | 157 | 161 | 170 | 155 | 165 |
| **10** | --- | --- | --- | 164 | 155 | 160 | 166 | 160 | 165 | 167 | 154 | 161 |
| **11** | --- | --- | --- | 173 | 161 | 166 | 162 | 159 | 160 | 159 | 139 | 152 |
| **12** | --- | --- | --- | 173 | 158 | 164 | 164 | 158 | 160 | 149 | 140 | 143 |
| **13** | --- | --- | --- | 175 | 163 | 169 | 163 | 161 | 162 | 150 | 141 | 145 |
| **14** | --- | --- | --- | 184 | 166 | 176 | 164 | 162 | 163 | --- | --- | --- |
| **15** | --- | --- | --- | 288 | 177 | 229 | --- | --- | --- | --- | --- | --- |
| **16** | 146 | 138 | 141 | 216 | 153 | 180 | --- | --- | --- | --- | --- | --- |
| **17** | 146 | 141 | 144 | 186 | 153 | 168 | --- | --- | --- | --- | --- | --- |
| **18** | 146 | 141 | 143 | 164 | 132 | 149 | --- | --- | --- | 160 | 153 | 157 |
| **19** | 148 | 143 | 146 | 148 | 128 | 139 | 166 | 166 | 166 | 160 | 156 | 158 |
| **20** | 147 | 143 | 145 | 146 | 126 | 137 | 167 | 166 | 166 | 157 | 155 | 156 |
| **21** | 144 | 143 | 144 | 150 | 132 | 141 | 167 | 166 | 166 | 157 | 155 | 156 |
| **22** | 146 | 144 | 145 | 150 | 133 | 141 | 169 | 166 | 166 | 158 | 156 | 158 |
| **23** | 146 | 142 | 144 | 142 | 133 | 137 | 170 | 168 | 169 | 159 | 157 | 158 |
| **24** | 152 | 143 | 149 | 143 | 135 | 138 | 174 | 170 | 172 | 159 | 158 | 159 |
| **25** | 157 | 149 | 152 | 136 | 132 | 135 | 172 | 169 | 171 | 160 | 159 | 159 |
| **26** | 159 | 154 | 156 | 137 | 133 | 135 | 174 | 167 | 171 | 162 | 159 | 161 |
| **27** | 157 | 150 | 154 | 142 | 134 | 136 | 201 | 171 | 184 | 177 | 160 | 166 |
| **28** | 156 | 150 | 156 | 136 | 134 | 135 | 199 | 174 | 193 | 201 | 177 | 188 |
| **29** | --- | --- | --- | 138 | 135 | 137 | 195 | 172 | 185 | 196 | 175 | 184 |
| **30** | --- | --- | --- | 160 | 136 | 143 | 183 | 175 | 179 | 187 | 176 | 181 |
| **31** | --- | --- | --- | 156 | 141 | 148 | --- | --- | --- | 178 | 151 | 158 |
| **Month** | --- | --- | --- | 288 | 126 | 154 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 171 | 154 | 165 | 181 | 179 | 181 | 140 | 136 | 138 | 185 | 171 | 179 |
| **2** | 170 | 162 | 167 | 183 | 179 | 180 | 142 | 140 | 141 | 189 | 172 | 181 |
| **3** | 166 | 155 | 161 | 193 | 179 | 182 | 143 | 137 | 141 | 180 | 172 | 174 |
| **4** | 159 | 146 | 152 | 185 | 182 | 183 | 147 | 135 | 142 | 190 | 174 | 182 |
| **5** | 164 | 149 | 153 | 185 | 182 | 183 | 140 | 135 | 138 | 183 | 171 | 175 |
| **6** | 164 | 155 | 160 | 184 | 139 | 178 | 144 | 138 | 141 | 206 | 178 | 192 |
| **7** | 155 | 147 | 152 | 179 | 173 | 176 | 144 | 139 | 143 | 205 | 183 | 191 |
| **8** | 152 | 150 | 152 | 173 | 169 | 171 | 146 | 141 | 144 | 198 | 184 | 189 |
| **9** | 157 | 150 | 153 | 172 | 160 | 165 | 146 | 142 | 144 | 202 | 192 | 197 |
| **10** | 158 | 153 | 157 | 165 | 162 | 163 | 148 | 142 | 146 | 207 | 188 | 195 |
| **11** | 159 | 156 | 157 | 166 | 160 | 162 | 150 | 145 | 148 | 205 | 190 | 198 |
| **12** | 157 | 155 | 156 | 165 | 162 | 164 | 154 | 144 | 147 | 206 | 199 | 202 |
| **13** | 158 | 154 | 156 | 167 | 160 | 164 | 159 | 150 | 153 | 210 | 195 | 202 |
| **14** | 158 | 156 | 158 | 163 | 161 | 162 | 163 | 157 | 161 | 209 | 194 | 199 |
| **15** | 158 | 156 | 157 | 163 | 159 | 161 | 157 | 148 | 151 | 213 | 195 | 204 |
| **16** | 157 | 155 | 156 | 163 | 159 | 160 | 161 | 147 | 155 | 208 | 197 | 202 |
| **17** | 162 | 156 | 159 | 161 | 157 | 160 | 154 | 150 | 152 | 209 | 198 | 204 |
| **18** | 170 | 159 | 164 | 164 | 158 | 162 | 154 | 150 | 152 | 202 | 197 | 198 |
| **19** | 179 | 161 | 170 | 164 | 151 | 159 | 155 | 151 | 154 | 201 | 197 | 198 |
| **20** | 186 | 167 | 178 | 155 | 139 | 144 | 178 | 153 | 164 | 203 | 199 | 201 |
| **21** | 184 | 176 | 179 | 144 | 135 | 139 | 169 | 157 | 163 | 207 | 203 | 205 |
| **22** | 188 | 178 | 182 | 138 | 124 | 130 | 171 | 157 | 163 | 208 | 205 | 207 |
| **23** | 184 | 178 | 181 | 133 | 124 | 128 | 164 | 154 | 159 | 209 | 206 | 208 |
| **24** | 192 | 180 | 186 | 131 | 127 | 129 | 169 | 159 | 163 | 207 | 203 | 206 |
| **25** | 192 | 181 | 187 | 135 | 129 | 131 | 161 | 158 | 159 | 209 | 203 | 207 |
| **26** | 192 | 184 | 189 | 138 | 134 | 135 | 170 | 157 | 162 | 208 | 204 | 206 |
| **27** | 187 | 183 | 185 | 138 | 135 | 137 | 173 | 169 | 171 | 210 | 205 | 208 |
| **28** | 189 | 183 | 186 | 138 | 135 | 137 | 176 | 171 | 174 | 213 | 205 | 209 |
| **29** | 187 | 181 | 184 | 138 | 132 | 135 | 175 | 173 | 174 | 213 | 205 | 208 |
| **30** | 185 | 179 | 182 | 141 | 134 | 138 | 183 | 174 | 178 | 211 | 204 | 208 |
| **31** | --- | --- | --- | 143 | 135 | 139 | 186 | 178 | 182 | --- | --- | --- |
| **Month** | 192 | 146 | 167 | 193 | 124 | 156 | 186 | 135 | 155 | 213 | 171 | 198 |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

50

100

150

200

250

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** | 210 | 205 | 207 | --- | --- | --- | 211 | 211 | 211 | 226 | 209 | 215 |
| **2** | 209 | 204 | 206 | --- | --- | --- | 211 | 208 | 210 | 222 | 212 | 214 |
| **3** | 206 | 204 | 206 | 201 | 184 | 189 | 208 | 200 | 205 | 227 | 214 | 220 |
| **4** | 210 | 205 | 208 | 207 | 187 | 195 | 208 | 204 | 206 | 221 | 216 | 218 |
| **5** | 213 | 209 | 211 | 208 | 204 | 205 | 206 | 205 | 206 | 218 | 213 | 215 |
| **6** | 213 | 204 | 207 | 204 | 194 | 200 | 208 | 206 | 207 | 223 | 217 | 220 |
| **7** | 213 | 205 | 208 | 202 | 195 | 200 | 208 | 202 | 206 | 224 | 217 | 222 |
| **8** | 218 | 207 | 213 | 206 | 201 | 204 | 203 | 198 | 202 | 225 | 219 | 222 |
| **9** | 222 | 208 | 217 | 206 | 201 | 203 | 202 | 198 | 200 | 233 | 217 | 227 |
| **10** | 217 | 206 | 209 | 202 | 201 | 202 | 203 | 199 | 201 | 227 | 221 | 224 |
| **11** | 227 | 215 | 222 | 201 | 199 | 200 | 203 | 195 | 199 | 228 | 220 | 224 |
| **12** | 231 | 213 | 221 | 202 | 200 | 200 | 202 | 196 | 198 | 228 | 223 | 225 |
| **13** | 214 | 212 | 213 | 202 | 200 | 201 | 203 | 195 | 201 | 234 | 221 | 227 |
| **14** | 227 | 212 | 221 | 202 | 201 | 202 | 201 | 196 | 198 | 233 | 222 | 227 |
| **15** | 228 | 214 | 219 | 204 | 201 | 203 | 206 | 198 | 202 | 232 | 223 | 226 |
| **16** | 276 | 222 | 242 | 205 | 203 | 204 | 205 | 201 | 203 | 234 | 217 | 223 |
| **17** | 282 | 240 | 265 | 204 | 202 | 204 | 204 | 200 | 202 | 241 | 222 | 233 |
| **18** | 240 | 217 | 225 | 203 | 200 | 202 | 204 | 200 | 202 | 235 | 219 | 224 |
| **19** | 222 | 201 | 214 | 203 | 202 | 202 | 205 | 203 | 204 | 259 | 217 | 231 |
| **20** | 228 | 210 | 221 | 208 | 198 | 201 | 221 | 198 | 205 | 256 | 247 | 251 |
| **21** | 224 | 212 | 217 | 225 | 208 | 215 | 216 | 205 | 209 | 259 | 242 | 250 |
| **22** | 223 | 210 | 216 | 233 | 214 | 225 | 213 | 203 | 206 | 262 | 247 | 254 |
| **23** | 224 | 216 | 220 | 236 | 227 | 231 | 218 | 202 | 208 | 265 | 250 | 259 |
| **24** | 217 | 200 | 213 | 230 | 211 | 222 | 220 | 212 | 217 | 254 | 205 | 236 |
| **25** | 216 | 200 | 213 | 218 | 211 | 215 | 217 | 207 | 212 | 250 | 227 | 237 |
| **26** | 213 | 194 | 205 | 214 | 207 | 210 | 212 | 207 | 209 | 238 | 226 | 229 |
| **27** | 203 | 188 | 194 | 211 | 208 | 210 | 219 | 211 | 214 | 227 | 218 | 221 |
| **28** | 206 | 184 | 200 | 212 | 210 | 211 | 216 | 211 | 214 | 227 | 220 | 225 |
| **29** | 207 | 181 | 200 | 211 | 209 | 210 | 223 | 211 | 216 | 226 | 215 | 219 |
| **30** | 202 | 189 | 193 | 211 | 210 | 211 | 219 | 215 | 217 | 228 | 210 | 220 |
| **31** | --- | --- | --- | --- | --- | --- | 216 | 210 | 212 | 222 | 213 | 215 |
| **Month** | --- | --- | --- | --- | --- | --- | 223 | 195 | 207 | 265 | 205 | 228 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 232 | 213 | 227 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 231 | 214 | 223 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 222 | 210 | 219 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 218 | 208 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 214 | 205 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 224 | 201 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 220 | 199 | 206 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 220 | 205 | 212 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 214 | 206 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 214 | 204 | 208 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 224 | 209 | 219 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 219 | 206 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 217 | 208 | 213 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 213 | 208 | 210 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 209 | 209 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 214 | 208 | 209 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

180

190

200

210

220

230

240

250

260

270

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** | --- | --- | 6.8 | 6.6 | 7.4 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **2** | --- | --- | 6.9 | 6.6 | 7.4 | 7.2 | 7.5 | 7.5 | --- | --- | 7.6 | 7.5 |
| **3** | --- | --- | 6.9 | 6.8 | 7.4 | 7.2 | 7.7 | 7.5 | --- | --- | 7.6 | 7.5 |
| **4** | --- | --- | 6.9 | 6.7 | 7.6 | 7.2 | 7.7 | 7.6 | --- | --- | 7.7 | 7.5 |
| **5** | --- | --- | 6.9 | 6.9 | 7.5 | 7.3 | 7.7 | 7.4 | --- | --- | 7.6 | 7.5 |
| **6** | --- | --- | 6.9 | 6.9 | 7.5 | 7.4 | 7.6 | 7.4 | --- | --- | 7.6 | 7.4 |
| **7** | --- | --- | 6.9 | 6.8 | 7.5 | 7.4 | 7.6 | 7.4 | --- | --- | 7.5 | 7.4 |
| **8** | --- | --- | 7.0 | 6.9 | 7.6 | 7.4 | 7.4 | 7.4 | --- | --- | 7.5 | 7.4 |
| **9** | --- | --- | 7.0 | 7.0 | 7.6 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.4 |
| **10** | --- | --- | 7.0 | 7.0 | 7.5 | 7.4 | 7.4 | 7.3 | --- | --- | 7.5 | 7.3 |
| **11** | --- | --- | 7.1 | 7.0 | 7.5 | 7.4 | 7.4 | 7.3 | --- | --- | 7.6 | 7.4 |
| **12** | --- | --- | 7.1 | 7.0 | 7.5 | 7.2 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **13** | --- | --- | 7.1 | 7.0 | 7.3 | 7.1 | 7.4 | 7.4 | --- | --- | 7.6 | 7.5 |
| **14** | --- | --- | --- | --- | 7.5 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 |
| **15** | --- | --- | --- | --- | 7.4 | 7.2 | 7.5 | 7.5 | --- | --- | 7.8 | 7.5 |
| **16** | --- | --- | --- | --- | 7.3 | 7.2 | 7.6 | 7.5 | 7.6 | 7.4 | 7.5 | 7.2 |
| **17** | --- | --- | 7.1 | 7.0 | 7.4 | 7.2 | 7.6 | 7.4 | 7.6 | 7.2 | 7.3 | 7.2 |
| **18** | --- | --- | 7.2 | 7.0 | 7.4 | 7.3 | 7.4 | 7.3 | 7.6 | 7.4 | 7.3 | 7.2 |
| **19** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | 7.5 | 7.3 | 7.5 | 7.4 | 7.2 | 7.1 |
| **20** | --- | --- | 7.2 | 7.1 | 7.4 | 7.3 | 7.5 | 7.4 | 7.5 | 7.5 | 7.2 | 7.1 |
| **21** | --- | --- | 7.2 | 7.0 | 7.4 | 7.3 | 7.5 | 7.3 | 7.5 | 7.4 | 7.2 | 7.1 |
| **22** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | 7.6 | 7.3 | 7.5 | 7.2 | 7.2 | 7.1 |
| **23** | --- | --- | 7.1 | 7.0 | 7.4 | 7.3 | --- | --- | 7.7 | 7.5 | 7.1 | 7.1 |
| **24** | --- | --- | 7.1 | 7.1 | 7.4 | 7.3 | --- | --- | 7.6 | 7.5 | 7.1 | 7.1 |
| **25** | --- | --- | 7.2 | 7.0 | 7.5 | 7.3 | 7.6 | 7.4 | 7.6 | 7.5 | 7.1 | 7.1 |
| **26** | --- | --- | 7.2 | 7.0 | 7.6 | 7.3 | 7.4 | 7.3 | 7.6 | 7.5 | 7.1 | 7.0 |
| **27** | --- | --- | 7.2 | 7.1 | 7.5 | 7.4 | 7.4 | 7.3 | 7.6 | 7.5 | 7.2 | 7.1 |
| **28** | --- | --- | 7.2 | 7.2 | 7.5 | 7.4 | --- | --- | 7.6 | 7.5 | 7.3 | 7.1 |
| **29** | --- | --- | 7.2 | 7.2 | 7.6 | 7.5 | --- | --- | --- | --- | 7.4 | 7.3 |
| **30** | --- | --- | 7.3 | 7.2 | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **31** | 6.8 | 6.7 | --- | --- | 7.6 | 7.5 | --- | --- | --- | --- | 7.5 | 7.4 |
| **Month** | --- | --- | --- | --- | 7.6 | 7.1 | --- | --- | --- | --- | 7.8 | 7.0 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.5 | 7.4 | 7.6 | 7.4 | 8.9 | 7.2 | 8.3 | 7.9 | 8.3 | 7.7 | 7.9 | 7.6 |
| **2** | 7.5 | 7.4 | 7.5 | 7.4 | 8.9 | 7.5 | 7.9 | 7.8 | 8.4 | 7.4 | 7.8 | 7.6 |
| **3** | 7.5 | 7.3 | 7.5 | 7.3 | 8.6 | 7.5 | 8.6 | 7.8 | 8.9 | 7.3 | 8.4 | 7.8 |
| **4** | --- | --- | 7.5 | 7.4 | 8.0 | 7.3 | 8.1 | 7.6 | 8.9 | 8.0 | 8.2 | 7.5 |
| **5** | --- | --- | 7.5 | 7.3 | 8.9 | 7.2 | 8.1 | 7.4 | 8.2 | 7.6 | 8.0 | 7.6 |
| **6** | --- | --- | 7.4 | 7.2 | 8.7 | 7.4 | 7.6 | 7.4 | 8.0 | 7.4 | 8.7 | 7.7 |
| **7** | 7.5 | 7.2 | 7.3 | 7.1 | 7.4 | 7.1 | 7.6 | 7.3 | 7.6 | 7.3 | 9.0 | 7.7 |
| **8** | 7.6 | 7.4 | 7.3 | 7.1 | 7.2 | 7.1 | 8.3 | 7.2 | 7.6 | 7.3 | 9.1 | 8.0 |
| **9** | 7.5 | 7.3 | 7.3 | 7.2 | 7.3 | 7.0 | 8.0 | 7.5 | 7.8 | 7.2 | 9.0 | 8.5 |
| **10** | 7.4 | 7.3 | 7.5 | 7.1 | 7.7 | 7.1 | 8.3 | 7.5 | 8.8 | 7.1 | 9.4 | 8.3 |
| **11** | 7.4 | 7.3 | 7.4 | 7.2 | 8.2 | 7.1 | 8.1 | 7.5 | 8.8 | 7.1 | 9.0 | 7.5 |
| **12** | 7.5 | 7.3 | 7.3 | 7.1 | 8.3 | 7.1 | 8.2 | 7.5 | 8.3 | 7.2 | 8.4 | 7.6 |
| **13** | 7.4 | 7.3 | 7.5 | 7.0 | 8.4 | 7.1 | 8.2 | 7.5 | 7.8 | 7.4 | 8.5 | 7.9 |
| **14** | 7.4 | 7.3 | --- | --- | 8.0 | 7.2 | 8.1 | 7.6 | 8.0 | 7.6 | 9.3 | 8.2 |
| **15** | --- | --- | --- | --- | 8.1 | 7.4 | 8.0 | 7.7 | 7.7 | 7.4 | 9.2 | 8.7 |
| **16** | --- | --- | --- | --- | 7.7 | 7.3 | 7.8 | 7.5 | 7.4 | 7.3 | 9.2 | 8.5 |
| **17** | --- | --- | --- | --- | 7.3 | 7.2 | 8.0 | 7.5 | 7.5 | 7.2 | 9.2 | 8.8 |
| **18** | --- | --- | 7.4 | 7.2 | --- | --- | 8.0 | 7.6 | 7.6 | 7.4 | 9.1 | 8.5 |
| **19** | 7.7 | 7.3 | 7.6 | 7.3 | --- | --- | 7.9 | 7.6 | 8.0 | 7.4 | 9.2 | 8.6 |
| **20** | 7.7 | 7.3 | 7.4 | 7.3 | 8.7 | 7.6 | 7.7 | 7.4 | 8.5 | 7.7 | 9.2 | 8.8 |
| **21** | 7.6 | 7.4 | 7.4 | 7.3 | 8.5 | 7.8 | 8.0 | 7.4 | 8.8 | 7.8 | 9.4 | 8.8 |
| **22** | 7.6 | 7.4 | 7.4 | 7.2 | 8.3 | 7.7 | 7.7 | 7.3 | 8.9 | 8.0 | 9.1 | 8.1 |
| **23** | 7.6 | 7.4 | 7.4 | 7.2 | 8.2 | 7.7 | 7.7 | 7.4 | 8.9 | 8.0 | 8.5 | 8.0 |
| **24** | 7.5 | 7.4 | 7.4 | 7.3 | 8.0 | 7.4 | 7.9 | 7.6 | 9.2 | 8.0 | 9.3 | 7.9 |
| **25** | 7.5 | 7.4 | 7.5 | 7.3 | 7.8 | 7.5 | 8.3 | 7.8 | 8.6 | 8.1 | 9.2 | 9.0 |
| **26** | 7.5 | 7.3 | 7.4 | 7.3 | 7.6 | 7.6 | 8.3 | 7.7 | 8.9 | 8.1 | 9.3 | 8.7 |
| **27** | 7.6 | 7.3 | 7.6 | 7.3 | 7.8 | 7.6 | 7.8 | 7.4 | 9.1 | 8.4 | 9.3 | 8.8 |
| **28** | 8.0 | 7.4 | 7.5 | 7.4 | 8.1 | 7.6 | 7.6 | 7.3 | 9.1 | 8.5 | 9.1 | 8.7 |
| **29** | 7.7 | 7.3 | 7.6 | 7.2 | 8.1 | 7.7 | 8.0 | 7.5 | 8.9 | 8.1 | 8.8 | 8.3 |
| **30** | 7.9 | 7.3 | 7.8 | 7.2 | 8.5 | 7.7 | 8.0 | 7.6 | 8.9 | 7.7 | 8.6 | 7.9 |
| **31** | --- | --- | 8.3 | 7.3 | --- | --- | 8.3 | 7.7 | 8.5 | 7.7 | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 8.6 | 7.2 | 9.2 | 7.1 | 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** | 9.4 | 8.3 | --- | --- | 8.6 | 7.9 | 8.1 | 7.8 | 7.9 | 7.5 | --- | --- |
| **2** | 9.8 | 8.4 | --- | --- | 8.0 | 7.7 | 8.1 | 7.8 | 8.1 | 7.6 | --- | --- |
| **3** | 9.8 | 9.1 | 9.5 | 8.6 | 7.8 | 7.6 | 8.0 | 7.9 | 7.7 | 7.6 | --- | --- |
| **4** | 9.8 | 8.7 | 9.6 | 8.6 | 7.8 | 7.6 | 7.9 | 7.8 | 7.6 | 7.5 | --- | --- |
| **5** | 9.5 | 8.4 | 9.5 | 9.3 | 7.8 | 7.7 | 7.9 | 7.7 | 7.7 | 7.6 | --- | --- |
| **6** | 9.1 | 8.2 | 9.3 | 8.7 | 7.9 | 7.7 | 7.8 | 7.7 | 7.8 | 7.6 | --- | --- |
| **7** | 8.8 | 8.3 | 8.8 | 8.0 | 7.9 | 7.5 | 7.8 | 7.7 | 7.7 | 7.6 | --- | --- |
| **8** | 8.6 | 8.2 | 8.2 | 7.7 | 7.8 | 7.4 | 7.8 | 7.7 | 7.8 | 7.6 | --- | --- |
| **9** | 8.7 | 8.4 | 8.2 | 7.6 | 7.7 | 7.4 | 7.9 | 7.6 | 7.8 | 7.6 | --- | --- |
| **10** | 8.7 | 8.1 | 8.4 | 7.8 | 8.2 | 7.4 | 7.9 | 7.6 | 8.1 | 7.6 | --- | --- |
| **11** | 9.3 | 8.3 | 8.2 | 7.8 | 7.7 | 7.4 | 7.8 | 7.6 | 8.4 | 7.8 | --- | --- |
| **12** | 9.2 | 8.3 | 8.3 | 7.6 | 7.6 | 7.4 | 7.8 | 7.6 | 7.9 | 7.6 | --- | --- |
| **13** | 9.2 | 8.5 | 8.1 | 7.8 | 7.7 | 7.4 | 7.9 | 7.7 | 8.0 | 7.7 | --- | --- |
| **14** | 8.9 | 8.4 | 8.1 | 7.7 | 7.4 | 7.4 | 8.2 | 7.7 | 7.9 | 7.7 | --- | --- |
| **15** | 8.8 | 8.2 | 7.8 | 7.5 | 7.6 | 7.4 | 8.4 | 7.8 | 7.8 | 7.7 | --- | --- |
| **16** | 8.9 | 8.2 | 9.5 | 7.5 | 7.8 | 7.5 | 8.3 | 7.8 | 7.8 | 7.7 | --- | --- |
| **17** | 9.0 | 8.5 | 9.1 | 8.7 | 7.8 | 7.5 | 8.4 | 7.8 | \*--- | \*--- | --- | --- |
| **18** | 8.5 | 7.9 | 8.8 | 8.2 | 7.8 | 7.5 | 8.0 | 7.8 | --- | --- | --- | --- |
| **19** | 8.7 | 7.8 | 9.2 | 8.6 | 8.0 | 7.6 | 8.2 | 7.8 | --- | --- | --- | --- |
| **20** | 9.2 | 8.6 | 9.1 | 8.2 | 8.1 | 7.6 | 8.4 | 8.1 | --- | --- | --- | --- |
| **21** | 9.1 | 8.7 | 8.4 | 8.1 | 8.0 | 7.6 | 8.3 | 8.0 | --- | --- | --- | --- |
| **22** | 9.2 | 8.5 | 8.3 | 7.9 | 8.2 | 7.6 | 8.5 | 8.0 | --- | --- | --- | --- |
| **23** | 9.2 | 8.6 | 7.9 | 7.8 | 8.4 | 7.6 | 8.3 | 7.9 | --- | --- | --- | --- |
| **24** | 9.3 | 8.5 | 7.8 | 7.7 | 8.1 | 7.9 | 8.2 | 7.7 | --- | --- | --- | --- |
| **25** | 9.5 | 8.6 | 7.8 | 7.7 | 8.3 | 7.9 | 7.9 | 7.8 | --- | --- | --- | --- |
| **26** | 9.2 | 8.6 | 8.5 | 7.5 | 8.3 | 7.7 | 7.8 | 7.7 | --- | --- | --- | --- |
| **27** | 9.1 | 8.7 | 7.7 | 7.5 | 8.1 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **28** | 8.9 | 8.7 | 8.1 | 7.6 | 8.2 | 7.8 | 7.8 | 7.6 | --- | --- | --- | --- |
| **29** | 9.0 | 8.7 | 8.4 | 7.5 | 7.9 | 7.8 | 7.8 | 7.5 | --- | --- | --- | --- |
| **30** | 9.0 | 8.8 | 8.3 | 7.6 | 7.8 | 7.6 | 7.7 | 7.6 | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | 8.1 | 7.6 | 7.7 | 7.5 | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | 8.6 | 7.4 | 8.5 | 7.5 | --- | --- | --- | --- |

| **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** | --- | --- | --- | 4.5 | 3.8 | 4.3 | 9.0 | 8.3 | 8.6 | 10.3 | 9.7 | 10.0 |
| **2** | --- | --- | --- | 4.3 | 3.9 | 4.1 | 9.3 | 8.6 | 8.9 | 10.3 | 10.0 | 10.1 |
| **3** | --- | --- | --- | --- | --- | --- | 10.1 | 9.0 | 9.7 | 10.0 | 9.2 | 9.7 |
| **4** | --- | --- | --- | --- | --- | --- | 10.2 | 9.2 | 9.8 | 9.6 | 8.8 | 9.3 |
| **5** | --- | --- | --- | --- | --- | --- | 10.1 | 9.0 | 9.6 | 9.7 | 8.5 | 9.2 |
| **6** | --- | --- | --- | --- | --- | --- | 9.3 | 8.7 | 9.2 | 9.7 | 8.8 | 9.4 |
| **7** | --- | --- | --- | --- | --- | --- | 9.6 | 9.0 | 9.4 | 9.7 | 8.1 | 9.2 |
| **8** | --- | --- | --- | --- | --- | --- | 9.8 | 9.5 | 9.6 | 9.7 | 9.3 | 9.5 |
| **9** | --- | --- | --- | --- | --- | --- | 10.0 | 9.5 | 9.7 | 9.8 | 9.1 | 9.4 |
| **10** | --- | --- | --- | --- | --- | --- | 9.5 | 9.3 | 9.5 | 9.7 | 9.3 | 9.5 |
| **11** | --- | --- | --- | --- | --- | --- | 9.6 | 8.9 | 9.4 | 9.7 | 9.3 | 9.5 |
| **12** | --- | --- | --- | --- | --- | --- | 9.9 | 9.1 | 9.4 | 9.7 | 9.0 | 9.6 |
| **13** | --- | --- | --- | --- | --- | --- | 9.8 | 9.2 | 9.5 | 9.7 | 8.8 | 9.4 |
| **14** | --- | --- | --- | --- | --- | --- | 10.4 | 9.5 | 9.9 | 9.8 | 8.2 | 9.3 |
| **15** | --- | --- | --- | --- | --- | --- | 10.3 | 9.3 | 9.9 | 10.5 | 9.7 | 10.0 |
| **16** | --- | --- | --- | --- | --- | --- | 9.9 | 9.3 | 9.7 | 11.4 | 10.3 | 10.7 |
| **17** | --- | --- | --- | 8.8 | 7.8 | 8.4 | 10.0 | 9.3 | 9.6 | 11.2 | 10.6 | 11.0 |
| **18** | --- | --- | --- | 8.9 | 8.2 | 8.6 | 9.7 | 9.5 | 9.6 | 11.1 | 10.9 | 11.0 |
| **19** | --- | --- | --- | 9.1 | 8.4 | 8.6 | 9.8 | 9.5 | 9.6 | 11.4 | 11.0 | 11.2 |
| **20** | --- | --- | --- | 8.9 | 8.4 | 8.7 | 9.8 | 9.3 | 9.6 | 11.1 | 10.6 | 10.8 |
| **21** | --- | --- | --- | 9.0 | 7.8 | 8.5 | 9.7 | 9.4 | 9.6 | --- | --- | --- |
| **22** | --- | --- | --- | 8.8 | 7.8 | 8.6 | 9.5 | 9.3 | 9.4 | --- | --- | --- |
| **23** | --- | --- | --- | 8.7 | 7.9 | 8.4 | 9.5 | 9.3 | 9.4 | --- | --- | --- |
| **24** | --- | --- | --- | 8.8 | 7.8 | 8.5 | 9.8 | 9.3 | 9.6 | --- | --- | --- |
| **25** | --- | --- | --- | 8.7 | 7.8 | 8.4 | 9.9 | 9.4 | 9.6 | --- | --- | --- |
| **26** | --- | --- | --- | 8.8 | 8.1 | 8.5 | 10.3 | 9.5 | 9.8 | 9.9 | 9.6 | 9.8 |
| **27** | --- | --- | --- | 8.6 | 7.8 | 8.4 | 10.1 | 9.7 | 9.8 | 9.8 | 8.6 | 9.4 |
| **28** | --- | --- | --- | 8.8 | 7.8 | 8.5 | 10.2 | 9.6 | 9.8 | --- | --- | --- |
| **29** | --- | --- | --- | 8.6 | 7.7 | 8.2 | 10.1 | 9.8 | 10 | --- | --- | --- |
| **30** | --- | --- | --- | 8.9 | 7.6 | 8.3 | 10.2 | 9.8 | 10 | --- | --- | --- |
| **31** | 5.1 | 4.3 | 4.7 | --- | --- | --- | 10.0 | 9.7 | 9.8 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | 10.4 | 8.3 | 9.6 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 9.4 | 8.6 | 9.1 | 7.6 | 6.8 | 7.4 | 7.3 | 5.9 | 6.2 |
| **2** | --- | --- | --- | 9.5 | 8.7 | 9.1 | 7.4 | 6.0 | 7.0 | 7.1 | 5.6 | 5.9 |
| **3** | --- | --- | --- | 9.4 | 8.9 | 9.1 | 7.6 | 5.9 | 7.1 | 6.7 | 5.6 | 5.9 |
| **4** | --- | --- | --- | 9.6 | 9.0 | 9.3 | 8.3 | 6.9 | 7.2 | 6.8 | 5.3 | 5.6 |
| **5** | --- | --- | --- | 9.6 | 9.1 | 9.3 | --- | --- | --- | 5.8 | 5.2 | 5.4 |
| **6** | --- | --- | --- | 9.6 | 8.5 | 9.1 | --- | --- | --- | 6.2 | 5.1 | 5.3 |
| **7** | --- | --- | --- | 9.5 | 8.9 | 9.2 | 8.2 | 7.8 | 8.0 | 6.7 | 5.2 | 5.6 |
| **8** | --- | --- | --- | 9.2 | 8.0 | 8.8 | 8.7 | 8.1 | 8.4 | 6.6 | 5.2 | 5.6 |
| **9** | --- | --- | --- | 9.2 | 8.2 | 8.8 | 8.6 | 7.7 | 8.4 | 6.6 | 5.1 | 5.5 |
| **10** | --- | --- | --- | 8.9 | 7.8 | 8.5 | 8.4 | 7.4 | 8.2 | --- | --- | --- |
| **11** | --- | --- | --- | 9.0 | 7.6 | 8.7 | 8.1 | 7.6 | 7.9 | 7.2 | 5.0 | 5.6 |
| **12** | --- | --- | --- | 8.8 | 8.0 | 8.5 | 8.3 | 7.3 | 7.9 | 5.9 | 4.5 | 5.2 |
| **13** | --- | --- | --- | 8.7 | 8.3 | 8.5 | 7.9 | 7.8 | 7.8 | 5.5 | 3.5 | 4.5 |
| **14** | --- | --- | --- | 8.7 | 7.8 | 8.3 | 8.1 | 7.8 | 7.9 | --- | --- | --- |
| **15** | --- | --- | --- | 8.3 | 7.6 | 8.0 | --- | --- | --- | --- | --- | --- |
| **16** | 10.6 | 10.0 | 10.4 | 8.2 | 7.3 | 7.6 | --- | --- | --- | --- | --- | --- |
| **17** | 10.8 | 9.9 | 10.5 | 7.6 | 7.2 | 7.4 | --- | --- | --- | --- | --- | --- |
| **18** | 10.7 | 10.4 | 10.5 | 7.5 | 7.3 | 7.4 | --- | --- | --- | 6.8 | 5.1 | 5.6 |
| **19** | 10.5 | 10.3 | 10.4 | 7.6 | 7.3 | 7.5 | 8.4 | 7.6 | 7.9 | 7.5 | 6.1 | 6.5 |
| **20** | 10.3 | 10.1 | 10.2 | 7.7 | 7.3 | 7.6 | 8.5 | 7.3 | 8.0 | 7.0 | 6.1 | 6.5 |
| **21** | 10.4 | 10.1 | 10.3 | 8.0 | 7.4 | 7.7 | 8.3 | 7.7 | 8.1 | 6.8 | 6.2 | 6.5 |
| **22** | 10.3 | 9.8 | 10.1 | 7.8 | 7.4 | 7.6 | 8.2 | 7.7 | 8.0 | 6.9 | 6.0 | 6.4 |
| **23** | 10.3 | 9.9 | 10.1 | 7.7 | 7.3 | 7.5 | 7.9 | 7.5 | 7.7 | 7.1 | 6.2 | 6.7 |
| **24** | 10.0 | 9.6 | 9.8 | 7.7 | 7.3 | 7.5 | 7.7 | 7.2 | 7.4 | 7.7 | 6.7 | 7.2 |
| **25** | 9.8 | 9.4 | 9.6 | 7.6 | 7.2 | 7.4 | 7.7 | 6.9 | 7.2 | 8.0 | 7.0 | 7.5 |
| **26** | 9.8 | 9.1 | 9.5 | 7.5 | 7.2 | 7.3 | 7.0 | 6.5 | 6.8 | 7.6 | 7.0 | 7.3 |
| **27** | 10.0 | 9.3 | 9.5 | 7.6 | 7.1 | 7.3 | 7.0 | 6.4 | 6.8 | 8.5 | 7.0 | 7.6 |
| **28** | 9.6 | 8.7 | 9.2 | 7.5 | 7.1 | 7.2 | 8.4 | 5.9 | 6.8 | 7.8 | 7.0 | 7.3 |
| **29** | --- | --- | --- | 7.6 | 7.2 | 7.4 | 6.8 | 5.6 | 6.2 | 8.8 | 6.0 | 7.0 |
| **30** | --- | --- | --- | 7.6 | 7.3 | 7.5 | 6.9 | 5.5 | 6.2 | --- | --- | --- |
| **31** | --- | --- | --- | 7.6 | 7.3 | 7.5 | --- | --- | --- | 11.4 | 7.3 | 8.9 |
| **Month** | --- | --- | --- | 9.6 | 7.1 | 8.1 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 10.4 | 6.2 | 8.4 | 8.0 | 6.8 | 7.4 | 9.0 | 3.9 | 6.7 | --- | --- | --- |
| **2** | 10.3 | 6.7 | 7.8 | 7.2 | 6.4 | 6.8 | 8.1 | 4.0 | 6.4 | --- | --- | --- |
| **3** | 8.9 | 6.6 | 7.6 | --- | --- | --- | 9.4 | 4.9 | 7.1 | --- | --- | --- |
| **4** | 8.0 | 5.4 | 6.4 | --- | --- | --- | 9.1 | 6.5 | 7.6 | 8.5 | 4.6 | 6.7 |
| **5** | 10.8 | 4.7 | 7.5 | --- | --- | --- | 8.0 | 5.5 | 7.0 | 8.4 | 7.1 | 7.9 |
| **6** | 10.1 | 7.2 | 8.3 | 7.0 | 5.8 | 6.6 | 7.9 | 5.9 | 6.8 | 9.0 | 7.2 | 8.1 |
| **7** | 7.5 | 5.8 | 6.4 | 7.4 | 5.3 | 6.1 | 7.6 | 5.3 | 6.2 | 10.8 | 6.1 | 7.8 |
| **8** | 6.7 | 5.8 | 6.3 | 10.3 | 5.0 | 7.5 | 7.1 | 5.6 | 6.0 | 11.0 | 7.2 | 8.6 |
| **9** | 7.2 | 5.5 | 6.1 | 8.9 | 7.3 | 8.1 | 7.6 | 4.3 | 5.3 | 10.7 | 8.2 | 9.2 |
| **10** | 8.2 | 5.1 | 6.1 | 10.1 | 7.4 | 8.4 | 8.7 | 2.8 | 5.5 | --- | --- | --- |
| **11** | 8.7 | 4.8 | 6.6 | 8.8 | 6.8 | 7.5 | 8.7 | 1.1 | 3.9 | --- | --- | --- |
| **12** | 9.7 | 4.7 | 7.4 | 8.5 | 5.6 | 7.0 | 7.4 | 1.4 | 5.3 | --- | --- | --- |
| **13** | 9.7 | 4.1 | 6.7 | 7.4 | 5.5 | 6.5 | 7.2 | 4.1 | 5.8 | --- | --- | --- |
| **14** | 7.2 | 5.0 | 5.9 | --- | --- | --- | 8.5 | 5.4 | 6.8 | --- | --- | --- |
| **15** | 7.4 | 4.9 | 5.7 | --- | --- | --- | 7.6 | 5.9 | 6.9 | 11.4 | 8.4 | 10.0 |
| **16** | 6.1 | 5.2 | 5.7 | --- | --- | --- | 7.2 | 4.1 | 5.2 | 10.8 | 7.6 | 9.0 |
| **17** | 5.8 | 4.7 | 5.5 | --- | --- | --- | 7.2 | 3.6 | 4.8 | 10.6 | 8.1 | 9.0 |
| **18** | --- | --- | --- | 8.0 | 6.0 | 7.2 | 7.4 | 4.5 | 5.7 | 10.4 | 7.0 | 8.4 |
| **19** | --- | --- | --- | 7.8 | 6.4 | 7.0 | 8.0 | 4.8 | 6.2 | 10.1 | 7.3 | 8.5 |
| **20** | 9.6 | 6.3 | 7.4 | 7.1 | 5.3 | 6.4 | 9.4 | 5.8 | 7.1 | 9.7 | 7.0 | 8.3 |
| **21** | 8.6 | 6.9 | 7.5 | 10.1 | 5.2 | 6.8 | 9.6 | 6.8 | 8.0 | 10.8 | 7.2 | 8.4 |
| **22** | 8.6 | 6.2 | 7.2 | 9.0 | 4.8 | 6.8 | 9.2 | 7.2 | 7.9 | 8.3 | 5.1 | 7.3 |
| **23** | 8.1 | 6.2 | 7.3 | 8.3 | 6.7 | 7.6 | 8.8 | 6.6 | 7.8 | 8.6 | 4.9 | 6.2 |
| **24** | 7.6 | 4.3 | 6.4 | 9.1 | 6.9 | 7.7 | 10.5 | 6.1 | 7.6 | 9.5 | 5.1 | 6.9 |
| **25** | 6.8 | 5.2 | 5.9 | 10.2 | 6.4 | 8.0 | 8.6 | 5.9 | 7.2 | 8.9 | 7.3 | 8.0 |
| **26** | 5.6 | 4.8 | 5.2 | 8.9 | 5.5 | 7.6 | 8.3 | 3.7 | 6.6 | 9.2 | 6.5 | 7.5 |
| **27** | 7.3 | 5.6 | 6.3 | 7.6 | 6.4 | 6.8 | --- | --- | --- | 9.3 | 7.1 | 8.2 |
| **28** | 8.4 | 5.6 | 7.0 | 6.9 | 5.1 | 6.1 | --- | --- | --- | 8.9 | 7.1 | 7.9 |
| **29** | 9.2 | 6.2 | 7.5 | 9.0 | 6.2 | 7.0 | 8.2 | 5.8 | 6.6 | 7.8 | 6.0 | 6.9 |
| **30** | 10.7 | 6.5 | 8.3 | 8.7 | 6.2 | 7.5 | 9.7 | 5.1 | 6.7 | 7.9 | 5.0 | 6.1 |
| **31** | --- | --- | --- | 9.6 | 5.7 | 6.7 | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

3.0

4.0

5.0

6.0

7.0

8.0

9.0

10.0

11.0

12.0

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** | 9.5 | 5.7 | 7.0 | --- | --- | --- | 11.6 | 9.8 | 10.5 | 10.9 | 9.9 | 10.4 |
| **2** | 11.0 | 6.0 | 7.9 | --- | --- | --- | 10.2 | 8.7 | 9.5 | 11.2 | 10.1 | 10.6 |
| **3** | 10.6 | 7.6 | 8.6 | 14.1 | 9.6 | 11.1 | 9.5 | 8.6 | 9.0 | 11.0 | 10.5 | 10.8 |
| **4** | 9.6 | 5.9 | 8.7 | 14.0 | 8.8 | 11.7 | 9.9 | 8.2 | 8.7 | 11.0 | 10.2 | 10.6 |
| **5** | 8.7 | 5.5 | 7.0 | 12.1 | 10.3 | 11.2 | 9.0 | 8.0 | 8.6 | 11.2 | 10.3 | 10.7 |
| **6** | 9.3 | 5.5 | 7.0 | 10.9 | 8.4 | 9.8 | 9.6 | 8.2 | 9.0 | 10.9 | 10.4 | 10.6 |
| **7** | 8.4 | 6.9 | 7.5 | 8.5 | 6.3 | 7.3 | 9.6 | 7.7 | 8.9 | 10.6 | 10.2 | 10.4 |
| **8** | 8.3 | 6.4 | 7.1 | 8.0 | 6.5 | 7.1 | 9.7 | 8.7 | 9.1 | 10.4 | 10.0 | 10.2 |
| **9** | 9.0 | 7.1 | 8.0 | 8.5 | 5.6 | 7.2 | 9.7 | 8.7 | 9.1 | 10.6 | 9.6 | 10.0 |
| **10** | 8.8 | 5.4 | 7.1 | 9.6 | 6.8 | 8.1 | 10.5 | 8.4 | 9.2 | 10.8 | 9.5 | 10.0 |
| **11** | 11.4 | 6.6 | 8.6 | 9.4 | 6.9 | 8.0 | 9.3 | 8.4 | 8.8 | 10.4 | 9.3 | 9.8 |
| **12** | 10.4 | 6.8 | 8.6 | 10.9 | 6.3 | 7.9 | 8.8 | 8.0 | 8.4 | 10.7 | 9.6 | 10.1 |
| **13** | 9.6 | 7.3 | 8.4 | 8.7 | 5.3 | 7.3 | 9.0 | 7.4 | 8.1 | 11.2 | 9.7 | 10.3 |
| **14** | 8.5 | 7.0 | 7.6 | --- | --- | --- | 8.0 | 7.3 | 7.7 | 10.6 | 9.5 | 9.9 |
| **15** | 8.1 | 6.6 | 7.2 | --- | --- | --- | 8.1 | 7.1 | 7.7 | 11.1 | 9.7 | 10.2 |
| **16** | 8.6 | 6.4 | 7.4 | --- | --- | --- | 8.8 | 7.7 | 8.2 | 10.8 | 9.5 | 9.9 |
| **17** | 9.5 | 6.7 | 7.8 | 9.3 | 8.3 | 8.8 | 8.9 | 7.7 | 8.3 | 11.2 | 9.6 | 10.2 |
| **18** | 9.4 | 6.9 | 8.0 | 8.8 | 7.2 | 8.0 | 9.2 | 7.8 | 8.3 | 10.2 | 9.8 | 10.0 |
| **19** | 9.7 | 6.9 | 8.2 | 10.5 | 8.8 | 9.5 | 9.7 | 7.7 | 8.8 | 11.3 | 10.0 | 10.7 |
| **20** | 10.4 | 8.6 | 9.5 | 10.7 | 7.9 | 9.5 | 10.4 | 7.7 | 9.1 | 11.6 | 10.7 | 11.1 |
| **21** | 9.5 | 8.2 | 8.9 | 9.4 | 7.7 | 8.5 | 10.3 | 9.1 | 9.7 | 11.4 | 10.7 | 11.0 |
| **22** | 9.1 | 7.3 | 8.2 | 9.0 | 7.8 | 8.4 | 10.6 | 9.2 | 9.7 | 12.0 | 10.5 | 11.0 |
| **23** | 10.0 | 7.8 | 8.9 | 8.6 | 8.1 | 8.3 | 11.2 | 9.1 | 10.1 | 11.5 | 10.6 | 10.8 |
| **24** | 11.0 | 8.2 | 9.4 | 8.2 | 7.8 | 8.1 | 10.5 | 9.9 | 10.2 | 11.0 | 10.6 | 10.7 |
| **25** | 11.7 | 8.6 | 10.0 | 7.8 | 7.0 | 7.5 | 11.1 | 9.8 | 10.3 | 10.6 | 10.0 | 10.4 |
| **26** | 11.2 | 8.9 | 10 | 9.0 | 6.6 | 7.8 | 11.0 | 9.7 | 10.3 | 10.5 | 10.0 | 10.1 |
| **27** | 11.2 | 9.4 | 10.2 | 8.6 | 7.5 | 8.1 | 10.6 | 9.6 | 10.1 | 10.5 | 10.2 | 10.4 |
| **28** | 10.9 | 9.1 | 9.8 | 9.4 | 8.0 | 8.7 | 11.1 | 9.6 | 10.2 | 10.6 | 9.8 | 10.2 |
| **29** | 11.2 | 9.3 | 10.1 | 11.2 | 7.4 | 8.9 | 10.3 | 9.4 | 9.9 | 10.7 | 9.7 | 10.0 |
| **30** | 11.6 | 9.3 | 9.9 | 10.8 | 7.5 | 9.3 | 9.8 | 8.7 | 9.4 | 10.4 | 9.4 | 10.0 |
| **31** | --- | --- | --- | --- | --- | --- | 10.6 | 9.1 | 9.9 | 10.4 | 9.8 | 10.0 |
| **Month** | --- | --- | --- | --- | --- | --- | 11.6 | 7.1 | 9.2 | 12.0 | 9.3 | 10.4 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.8 | 9.9 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 11.4 | 9.9 | 10.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 10.4 | 9.8 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 10.0 | 9.6 | 9.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 9.8 | 9.2 | 9.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 10.0 | 8.9 | 9.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 9.6 | 8.6 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 9.5 | 8.8 | 9.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 9.5 | 8.8 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 10.3 | 9.0 | 9.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 10.9 | 9.5 | 10.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 9.6 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 9.7 | 8.7 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 9.4 | 8.6 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 9.3 | 8.7 | 9.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 9.1 | 7.7 | 8.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

7.0

8.0

9.0

10.0

11.0

12.0

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** | --- | --- | --- | 99 | 75 | 85 | 63 | 55 | 58 | 44 | 40 | 42 |
| **2** | --- | --- | --- | 93 | 74 | 81 | 61 | 53 | 56 | 45 | 41 | 43 |
| **3** | --- | --- | --- | 90 | 66 | 75 | 61 | 50 | 56 | 52 | 42 | 46 |
| **4** | --- | --- | --- | 86 | 64 | 72 | 62 | 52 | 56 | 55 | 37 | 47 |
| **5** | --- | --- | --- | 83 | 58 | 67 | 66 | 53 | 58 | 55 | 35 | 45 |
| **6** | --- | --- | --- | 73 | 56 | 61 | 58 | 52 | 56 | 49 | 40 | 46 |
| **7** | --- | --- | --- | 67 | 52 | 57 | 57 | 52 | 55 | 64 | 36 | 52 |
| **8** | --- | --- | --- | 71 | 49 | 56 | 60 | 54 | 57 | 62 | 45 | 54 |
| **9** | --- | --- | --- | 75 | 48 | 54 | 60 | 54 | 57 | 60 | 50 | 54 |
| **10** | --- | --- | --- | 72 | 49 | 55 | 59 | 54 | 57 | 54 | 49 | 51 |
| **11** | --- | --- | --- | 70 | 48 | 55 | 58 | 53 | 56 | 54 | 50 | 53 |
| **12** | --- | --- | --- | 70 | 47 | 52 | 57 | 48 | 52 | 54 | 47 | 51 |
| **13** | --- | --- | --- | 66 | 46 | 53 | 50 | 47 | 49 | 51 | 44 | 49 |
| **14** | --- | --- | --- | 65 | 44 | 53 | 49 | 45 | 47 | 50 | 40 | 47 |
| **15** | --- | --- | --- | 64 | 45 | 53 | 47 | 45 | 46 | 51 | 48 | 49 |
| **16** | --- | --- | --- | 64 | 42 | 55 | 48 | 44 | 46 | 65 | 49 | 52 |
| **17** | --- | --- | --- | 62 | 55 | 58 | 49 | 42 | 44 | 150 | 65 | 120 |
| **18** | --- | --- | --- | 61 | 52 | 56 | 45 | 40 | 42 | 160 | 120 | 140 |
| **19** | --- | --- | --- | 62 | 51 | 57 | 43 | 38 | 39 | 140 | 110 | 120 |
| **20** | --- | --- | --- | 63 | 52 | 56 | 44 | 40 | 42 | 130 | 94 | 110 |
| **21** | --- | --- | --- | 59 | 54 | 55 | 42 | 38 | 40 | 94 | 77 | 86 |
| **22** | --- | --- | --- | 60 | 53 | 58 | 46 | 39 | 44 | 77 | 66 | 73 |
| **23** | --- | --- | --- | 59 | 52 | 56 | 48 | 37 | 42 | --- | --- | --- |
| **24** | --- | --- | --- | 60 | 51 | 56 | 47 | 40 | 43 | --- | --- | --- |
| **25** | --- | --- | --- | 61 | 52 | 56 | 44 | 39 | 42 | 63 | 59 | 60 |
| **26** | --- | --- | --- | 61 | 52 | 56 | 45 | 36 | 39 | 63 | 57 | 60 |
| **27** | --- | --- | --- | 58 | 50 | 54 | 38 | 36 | 37 | 61 | 44 | 55 |
| **28** | --- | --- | --- | 61 | 50 | 54 | 39 | 35 | 37 | --- | --- | --- |
| **29** | --- | --- | --- | 62 | 50 | 55 | 51 | 36 | 40 | --- | --- | --- |
| **30** | --- | --- | --- | 58 | 49 | 54 | 41 | 37 | 38 | --- | --- | --- |
| **31** | 110 | 76 | 91 | --- | --- | --- | 43 | 37 | 40 | --- | --- | --- |
| **Month** | --- | --- | --- | 99 | 42 | 59 | 66 | 35 | 47 | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | --- | --- | --- | 41 | 36 | 39 | 55 | 41 | 46 | 53 | 38 | 44 |
| **2** | --- | --- | --- | 41 | 36 | 37 | 43 | 36 | 39 | 45 | 39 | 41 |
| **3** | --- | --- | --- | 42 | 36 | 38 | 39 | 31 | 34 | 56 | 39 | 48 |
| **4** | --- | --- | --- | 42 | 37 | 39 | --- | --- | --- | 59 | 42 | 50 |
| **5** | --- | --- | --- | 43 | 38 | 40 | --- | --- | --- | 85 | 54 | 64 |
| **6** | --- | --- | --- | 46 | 38 | 41 | --- | --- | --- | 140 | 71 | 91 |
| **7** | --- | --- | --- | 43 | 40 | 41 | 42 | 35 | 39 | 120 | 74 | 92 |
| **8** | --- | --- | --- | 50 | 41 | 45 | 39 | 36 | 38 | 79 | 63 | 67 |
| **9** | --- | --- | --- | 49 | 41 | 45 | 38 | 35 | 36 | 67 | 61 | 64 |
| **10** | --- | --- | --- | 80 | 41 | 53 | 40 | 34 | 36 | 73 | 54 | 64 |
| **11** | --- | --- | --- | 55 | 40 | 47 | 41 | 36 | 37 | 55 | 46 | 50 |
| **12** | --- | --- | --- | 53 | 42 | 45 | 38 | 34 | 36 | 58 | 47 | 52 |
| **13** | --- | --- | --- | 55 | 38 | 45 | 38 | 38 | 38 | --- | --- | --- |
| **14** | --- | --- | --- | 44 | 36 | 40 | 38 | 38 | 38 | --- | --- | --- |
| **15** | --- | --- | --- | 66 | 25 | 43 | --- | --- | --- | --- | --- | --- |
| **16** | 46 | 44 | 45 | 80 | 49 | 65 | --- | --- | --- | --- | --- | --- |
| **17** | 45 | 43 | 44 | 73 | 48 | 55 | --- | --- | --- | --- | --- | --- |
| **18** | 44 | 42 | 43 | 53 | 49 | 51 | --- | --- | --- | 39 | 36 | 37 |
| **19** | 42 | 41 | 42 | 56 | 46 | 50 | 41 | 38 | 39 | 36 | 32 | 34 |
| **20** | 42 | 40 | 41 | 64 | 45 | 51 | 41 | 37 | 38 | 36 | 34 | 34 |
| **21** | 41 | 39 | 40 | 51 | 46 | 48 | 41 | 37 | 38 | 34 | 32 | 34 |
| **22** | 42 | 38 | 39 | 47 | 41 | 44 | 40 | 37 | 38 | 35 | 32 | 34 |
| **23** | 41 | 37 | 39 | 48 | 40 | 43 | 39 | 37 | 38 | 33 | 32 | 33 |
| **24** | 41 | 38 | 39 | 60 | 41 | 47 | 41 | 38 | 40 | 33 | 30 | 32 |
| **25** | 41 | 39 | 39 | 58 | 39 | 45 | 40 | 39 | 39 | 32 | 30 | 31 |
| **26** | 40 | 37 | 38 | 51 | 39 | 42 | 43 | 39 | 41 | 37 | 30 | 31 |
| **27** | 39 | 36 | 37 | 55 | 40 | 44 | 42 | 39 | 40 | 36 | 29 | 30 |
| **28** | 38 | 36 | 37 | 46 | 42 | 44 | 44 | 38 | 39 | 46 | 27 | 35 |
| **29** | --- | --- | --- | 54 | 44 | 46 | 45 | 37 | 40 | 49 | 35 | 42 |
| **30** | --- | --- | --- | 60 | 47 | 50 | 51 | 39 | 44 | 43 | 30 | 34 |
| **31** | --- | --- | --- | 54 | 47 | 50 | --- | --- | --- | 42 | 30 | 39 |
| **Month** | --- | --- | --- | 80 | 25 | 46 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 40 | 28 | 33 | 19 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **2** | 32 | 26 | 29 | 18 | 14 | 16 | --- | --- | --- | --- | --- | --- |
| **3** | 33 | 25 | 28 | --- | --- | --- | 21 | 11 | 15 | --- | --- | --- |
| **4** | 35 | 26 | 29 | --- | --- | --- | 22 | 12 | 14 | 9.7 | 6.2 | 8.3 |
| **5** | 35 | 25 | 28 | --- | --- | --- | 18 | 9.5 | 13 | 9.1 | 6.4 | 7.7 |
| **6** | 31 | 23 | 26 | --- | --- | --- | 18 | 9.5 | 12 | 12 | 6.5 | 8.2 |
| **7** | 32 | 26 | 29 | 42 | 32 | 36 | --- | --- | --- | 13 | 6.2 | 8.8 |
| **8** | 32 | 27 | 29 | 39 | 30 | 34 | --- | --- | --- | 11 | 6.3 | 8.3 |
| **9** | 28 | 23 | 25 | --- | --- | --- | --- | --- | --- | 9.8 | 6.7 | 8.2 |
| **10** | 29 | 21 | 24 | --- | --- | --- | --- | --- | --- | 10 | 6.8 | 8.3 |
| **11** | 28 | 22 | 24 | --- | --- | --- | 23 | 6.9 | 15 | --- | --- | --- |
| **12** | 26 | 18 | 20 | --- | --- | --- | 21 | 6.4 | 13 | --- | --- | --- |
| **13** | 23 | 17 | 19 | --- | --- | --- | 22 | 9.1 | 16 | --- | --- | --- |
| **14** | 22 | 17 | 19 | 25 | 19 | 21 | --- | --- | --- | --- | --- | --- |
| **15** | 21 | 17 | 19 | 24 | 18 | 21 | --- | --- | --- | 9.5 | 6.5 | 7.6 |
| **16** | 25 | 19 | 21 | 30 | 19 | 23 | --- | --- | --- | 10 | 6.0 | 7.5 |
| **17** | --- | --- | --- | 27 | 21 | 23 | --- | --- | --- | 11 | 6.1 | 8.1 |
| **18** | --- | --- | --- | 31 | 22 | 27 | --- | --- | --- | 12 | 7.4 | 8.7 |
| **19** | --- | --- | --- | 36 | 28 | 32 | --- | --- | --- | 10 | 5.9 | 8.0 |
| **20** | 18 | 15 | 17 | 44 | 34 | 39 | --- | --- | --- | 11 | 7.5 | 8.7 |
| **21** | 19 | 15 | 17 | 44 | 35 | 40 | --- | --- | --- | 15 | 7.5 | 12 |
| **22** | 18 | 14 | 16 | --- | --- | --- | 12 | 7.3 | 9.3 | --- | --- | --- |
| **23** | 18 | 14 | 15 | --- | --- | --- | 15 | 9.6 | 11 | --- | --- | --- |
| **24** | 20 | 13 | 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | 21 | 13 | 17 | --- | --- | --- | --- | --- | --- | 9.2 | 6.7 | 8.1 |
| **26** | 20 | 16 | 19 | --- | --- | --- | --- | --- | --- | 12 | 5.6 | 7.7 |
| **27** | 23 | 20 | 21 | 35 | 20 | 26 | --- | --- | --- | 10 | 5.9 | 8.1 |
| **28** | 21 | 17 | 19 | 33 | 20 | 25 | --- | --- | --- | 10 | 5.6 | 7.2 |
| **29** | 18 | 15 | 17 | 33 | 20 | 26 | 18 | 7.4 | 12 | 16 | 6.5 | 9.2 |
| **30** | 17 | 13 | 15 | --- | --- | --- | 13 | 6.0 | 9.2 | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | 17 | 5.8 | 8.8 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2006

J

F

M

A

M

J

J

A

S

2007

0

20

40

60

80

100

120

140

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** | --- | --- | --- | --- | --- | --- | 15 | 13 | 14 | 32 | 26 | 28 |
| **2** | --- | --- | --- | --- | --- | --- | 21 | 14 | 17 | 28 | 27 | 27 |
| **3** | 10 | 5.0 | 6.8 | 24 | 10 | 19 | 34 | 21 | 28 | 30 | 26 | 28 |
| **4** | 13 | 4.8 | 7.8 | 22 | 6.6 | 15 | 29 | 25 | 27 | 28 | 26 | 28 |
| **5** | 27 | 6.1 | 9.1 | 9.4 | 6.1 | 7.1 | 33 | 25 | 27 | 26 | 24 | 25 |
| **6** | --- | --- | --- | 16 | 6.6 | 11 | 36 | 25 | 28 | 27 | 22 | 26 |
| **7** | --- | --- | --- | 21 | 11 | 15 | 36 | 25 | 26 | 25 | 22 | 23 |
| **8** | --- | --- | --- | 13 | 11 | 12 | 38 | 24 | 28 | 29 | 23 | 25 |
| **9** | --- | --- | --- | 16 | 9.5 | 12 | 31 | 29 | 30 | 26 | 20 | 23 |
| **10** | --- | --- | --- | 15 | 9.1 | 11 | 33 | 28 | 30 | 25 | 21 | 22 |
| **11** | --- | --- | --- | 13 | 9.6 | 11 | 38 | 27 | 32 | 31 | 21 | 24 |
| **12** | 13 | 6.2 | 9.3 | 14 | 11 | 12 | 47 | 32 | 36 | 23 | 20 | 22 |
| **13** | 12 | 6.2 | 8.7 | 27 | 10 | 16 | 42 | 34 | 36 | 28 | 19 | 25 |
| **14** | 16 | 7.7 | 10 | 21 | 11 | 14 | 45 | 38 | 40 | 28 | 21 | 25 |
| **15** | 19 | 8.3 | 12 | --- | --- | --- | --- | --- | --- | 24 | 21 | 22 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 | 21 | 23 |
| **17** | --- | --- | --- | 12 | 9.9 | 11 | --- | --- | --- | 26 | 23 | 24 |
| **18** | --- | --- | --- | 17 | 9.9 | 13 | --- | --- | --- | 29 | 24 | 26 |
| **19** | --- | --- | --- | 12 | 9.1 | 10 | --- | --- | --- | 35 | 26 | 28 |
| **20** | 23 | 12 | 16 | 12 | 8.9 | 10 | --- | --- | --- | 32 | 26 | 27 |
| **21** | 21 | 13 | 18 | 25 | 11 | 14 | --- | --- | --- | 29 | 26 | 28 |
| **22** | 27 | 16 | 21 | 46 | 14 | 30 | --- | --- | --- | 28 | 26 | 27 |
| **23** | 23 | 15 | 19 | --- | --- | --- | 41 | 27 | 29 | 48 | 27 | 33 |
| **24** | 28 | 17 | 20 | --- | --- | --- | 32 | 26 | 30 | 53 | 28 | 38 |
| **25** | 25 | 17 | 19 | --- | --- | --- | 35 | 23 | 27 | 49 | 34 | 38 |
| **26** | 27 | 18 | 22 | --- | --- | --- | 33 | 23 | 25 | 61 | 36 | 41 |
| **27** | 32 | 22 | 27 | 34 | 20 | 29 | 34 | 22 | 27 | 62 | 40 | 46 |
| **28** | 32 | 21 | 25 | 24 | 16 | 20 | --- | --- | --- | 60 | 37 | 43 |
| **29** | 34 | 21 | 27 | 31 | 16 | 21 | --- | --- | --- | 50 | 41 | 46 |
| **30** | --- | --- | --- | 24 | 13 | 18 | --- | --- | --- | 58 | 42 | 49 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 44 | 48 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 62 | 19 | 30 |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 33 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | 43 | 32 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | 42 | 36 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | 43 | 37 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | 43 | 38 | 41 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | 44 | 31 | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | 43 | 32 | 38 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | 42 | 30 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | 37 | 34 | 35 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | 35 | 29 | 33 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 33 | 25 | 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | 35 | 28 | 32 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | 36 | 30 | 33 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | 38 | 31 | 36 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | 42 | 36 | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | 49 | 36 | 39 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17** | \*--- | \*--- | \*--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

O

N

D

2007

J

F

M

A

M

J

J

A

S

2008

0

10

20

30

40

50

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

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

NEPHELOMETRIC UNITS (FNU)