| **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** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 13.9 | 14.3 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.4 | 14.3 | 14.9 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.8 | 14.5 | 15.1 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14.7 | 13.0 | 13.8 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.0 | 11.2 | 12.1 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.2 | 10.4 | 10.7 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 9.2 | 10.0 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.2 | 8.6 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.7 | 8.2 | 8.5 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.7 | 8.6 | 9.3 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.7 | 8.7 | 9.2 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.7 | 9.0 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.8 | 9.1 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.1 | 8.7 | 9.9 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.0 | 9.8 | 10.4 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.0 | 9.9 | 10.6 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 9.6 | 10.1 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 9.3 | 9.8 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 9.5 | 9.8 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.0 | 9.4 | 9.8 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.6 | 9.4 | 9.9 | 16.6 | 15.3 | 16.0 | 24.6 | 22.4 | 23.1 | 23.2 | 22.4 | 22.8 |
| **2** | 10.0 | 9.3 | 9.8 | 17.4 | 14.8 | 15.8 | 23.2 | 22.3 | 22.7 | 24.0 | 22.3 | 23.2 |
| **3** | 10.7 | 8.9 | 9.6 | 16.1 | 15.1 | 15.5 | 24.3 | 22.7 | 23.4 | 24.1 | 22.4 | 23.1 |
| **4** | 13.1 | 9.2 | 10.5 | 15.6 | 14.6 | 15.1 | 23.6 | 22.2 | 23.2 | 25.3 | 23.3 | 24.3 |
| **5** | 14.0 | 9.6 | 11.1 | 19.1 | 14.1 | 16.1 | 23.0 | 21.4 | 22.1 | 25.4 | 24.3 | 24.7 |
| **6** | 11.2 | 9.6 | 10.5 | 17.1 | 14.4 | 15.6 | 24.8 | 21.3 | 22.5 | 25.2 | 24.6 | 24.9 |
| **7** | 13.3 | 10.3 | 11.5 | 18.1 | 14.7 | 16.1 | 22.0 | 18.7 | 19.9 | 26.3 | 24.8 | 25.3 |
| **8** | 13.5 | 11.0 | 11.9 | 21.5 | 15.2 | 17.1 | 19.7 | 18.1 | 18.8 | 27.1 | 24.8 | 25.7 |
| **9** | 13.2 | 11.3 | 12.4 | 19.4 | 16.1 | 17.3 | 19.4 | 18.0 | 18.7 | 27.4 | 25.1 | 26.2 |
| **10** | 11.4 | 10.7 | 10.9 | 23.4 | 16.1 | 17.9 | 20.2 | 18.5 | 19.2 | 27.7 | 24.9 | 26.1 |
| **11** | 11.0 | 10.7 | 10.9 | 17.6 | 15.8 | 16.8 | 21.5 | 18.8 | 20.0 | 29.4 | 24.6 | 26.3 |
| **12** | 12.9 | 11.0 | 11.7 | 18.0 | 16.2 | 16.9 | 21.1 | 19.9 | 20.3 | 31.8 | 26.2 | 28.4 |
| **13** | 11.9 | 10.9 | 11.5 | 18.7 | 16.9 | 17.9 | 20.6 | 19.8 | 20.1 | 33.6 | 26.3 | 28.8 |
| **14** | 10.9 | 10.2 | 10.6 | 19.0 | 17.7 | 18.0 | 20.6 | 18.7 | 19.8 | 32.4 | 27.0 | 28.8 |
| **15** | 10.6 | 9.7 | 10.1 | 22.0 | 17.7 | 19.4 | 20.2 | 18.1 | 19.2 | 31.4 | 26.5 | 28.1 |
| **16** | 11.8 | 9.2 | 10.3 | 21.2 | 19.3 | 20.0 | 20.7 | 19.1 | 19.8 | 27.1 | 26.1 | 26.6 |
| **17** | 10.8 | 9.6 | 10.2 | 19.6 | 18.5 | 19.0 | 19.4 | 18.7 | 19.1 | 26.6 | 24.9 | 25.7 |
| **18** | 13.8 | 9.4 | 11.3 | 19.3 | 18.6 | 18.8 | 19.7 | 18.6 | 19.2 | 27.2 | 24.3 | 25.7 |
| **19** | 11.3 | 10.1 | 10.9 | 19.5 | 18.5 | 18.9 | 23.6 | 19.0 | 20.4 | 28.1 | 24.1 | 26.1 |
| **20** | 12.6 | 11.1 | 11.6 | 20.2 | 18.7 | 19.3 | 21.4 | 19.1 | 20.3 | 27.0 | 25.0 | 26.0 |
| **21** | 13.1 | 11.2 | 11.9 | 20.4 | 19.4 | 19.8 | 21.4 | 19.8 | 20.7 | 26.3 | 24.8 | 25.5 |
| **22** | 18.1 | 11.3 | 12.7 | 21.0 | 19.7 | 20.2 | 21.3 | 19.5 | 20.5 | 25.7 | 23.9 | 25.0 |
| **23** | 13.2 | 12.0 | 12.5 | 21.3 | 19.9 | 20.5 | 21.8 | 20.6 | 21.3 | 26.3 | 24.8 | 25.5 |
| **24** | 13.7 | 12.3 | 13.1 | 21.3 | 20.3 | 20.8 | 21.4 | 21.0 | 21.2 | 26.5 | 25.1 | 25.8 |
| **25** | 18.0 | 13.2 | 14.9 | 21.5 | 20.8 | 21.1 | 22.4 | 20.5 | 21.1 | 26.2 | 25.3 | 25.8 |
| **26** | 15.3 | 13.9 | 14.6 | 21.6 | 20.8 | 21.1 | 24.0 | 20.5 | 22.0 | 25.8 | 25.1 | 25.4 |
| **27** | 15.8 | 13.9 | 14.7 | 22.6 | 21.0 | 21.7 | 23.0 | 22.1 | 22.5 | 26.2 | 24.9 | 25.4 |
| **28** | 15.8 | 14.6 | 15.3 | 22.8 | 21.7 | 22.1 | 27.6 | 21.8 | 23.4 | 25.7 | 24.8 | 25.0 |
| **29** | --- | --- | --- | 23.2 | 21.8 | 22.4 | 25.3 | 21.7 | 23.4 | 29.3 | 24.7 | 26.4 |
| **30** | --- | --- | --- | 22.9 | 22.1 | 22.5 | 25.7 | 22.5 | 24.0 | 28.7 | 25.4 | 26.7 |
| **31** | --- | --- | --- | 22.7 | 22.0 | 22.4 | --- | --- | --- | 30.9 | 25.4 | 27.8 |
| **Month** | 18.1 | 8.9 | 11.7 | 23.4 | 14.1 | 18.8 | 27.6 | 18.0 | 21.1 | 33.6 | 22.3 | 25.8 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27.8 | 26.2 | 26.9 | 29.6 | 28.7 | 29.1 | 32.9 | 28.5 | 30.0 | 30.9 | 30.0 | 30.4 |
| **2** | 32.2 | 26.2 | 28.2 | 29.1 | 28.1 | 28.6 | 33.8 | 29.2 | 30.4 | 30.7 | 29.4 | 29.9 |
| **3** | 29.5 | 26.0 | 27.7 | 29.2 | 27.9 | 28.5 | 32.7 | 29.2 | 30.7 | 31.0 | 29.3 | 29.7 |
| **4** | 33.3 | 25.3 | 28.3 | 28.3 | 27.8 | 28.0 | 32.3 | 30.3 | 31.2 | 32.1 | 29.0 | 30.1 |
| **5** | 31.8 | 27.3 | 28.7 | 29.1 | 27.2 | 28.0 | 31.6 | 29.0 | 30.3 | 30.4 | 29.1 | 29.7 |
| **6** | 28.1 | 26.2 | 27.0 | --- | --- | --- | 32.0 | 28.9 | 30.3 | 30.0 | 28.9 | 29.4 |
| **7** | 27.6 | 26.1 | 26.9 | --- | --- | --- | 31.8 | 29.6 | 30.6 | 31.0 | 28.9 | 29.6 |
| **8** | 28.6 | 27.2 | 27.8 | 29.7 | 27.1 | 28.0 | 33.2 | 29.2 | 30.6 | 31.0 | 28.9 | 29.9 |
| **9** | 31.5 | 27.8 | 29.0 | 29.2 | 27.1 | 28.1 | 36.4 | 30.1 | 32.4 | 31.6 | 29.4 | 30.4 |
| **10** | 34.4 | 27.8 | 30.2 | 30.0 | 27.7 | 28.6 | 36.9 | 30.3 | 32.7 | --- | --- | --- |
| **11** | 34.4 | 28.5 | 30.5 | 31.8 | 27.6 | 29.3 | 35.4 | 30.6 | 32.8 | --- | --- | --- |
| **12** | 34.5 | 28.7 | 30.8 | 35.6 | 28.3 | 30.7 | 33.5 | 32.3 | 33.0 | --- | --- | --- |
| **13** | 33.2 | 28.6 | 30.1 | 31.4 | 28.4 | 29.8 | 35.1 | 32.2 | 33.6 | --- | --- | --- |
| **14** | 32.1 | 29.0 | 30.1 | 31.1 | 28.9 | 29.5 | 35.0 | 32.9 | 33.8 | --- | --- | --- |
| **15** | 31.6 | 28.6 | 29.4 | 29.8 | 28.4 | 29.0 | 33.5 | 32.1 | 33.0 | --- | --- | --- |
| **16** | 29.1 | 28.0 | 28.5 | 31.1 | 28.0 | 29.2 | 32.1 | 30.5 | 31.0 | --- | --- | --- |
| **17** | 28.4 | 27.8 | 28.0 | 30.3 | 28.1 | 29.0 | 31.7 | 29.9 | 30.6 | --- | --- | --- |
| **18** | 29.6 | 27.6 | 28.5 | 30.0 | 28.7 | 29.2 | 31.4 | 29.7 | 30.3 | --- | --- | --- |
| **19** | 30.1 | 28.4 | 29.1 | 29.8 | 28.5 | 28.9 | 31.4 | 29.8 | 30.4 | --- | --- | --- |
| **20** | 30.8 | 28.4 | 29.3 | 29.4 | 28.0 | 28.6 | 31.1 | 29.7 | 30.4 | --- | --- | --- |
| **21** | 29.8 | 28.8 | 29.1 | 30.7 | 28.1 | 28.8 | 31.7 | 30.0 | 30.7 | --- | --- | --- |
| **22** | 30.5 | 28.9 | 29.6 | 32.6 | 28.4 | 30.3 | 31.2 | 29.8 | 30.5 | --- | --- | --- |
| **23** | 29.8 | 28.7 | 29.2 | 33.1 | 29.9 | 31.2 | 31.4 | 30.0 | 30.6 | --- | --- | --- |
| **24** | 30.0 | 28.2 | 29.0 | 33.0 | 29.7 | 31.1 | 33.3 | 30.2 | 31.6 | --- | --- | --- |
| **25** | 29.4 | 28.3 | 28.9 | 31.1 | 29.6 | 30.4 | 32.4 | 30.6 | 31.3 | --- | --- | --- |
| **26** | 29.2 | 28.4 | 28.8 | 29.8 | 28.8 | 29.5 | 34.5 | 30.2 | 32.0 | --- | --- | --- |
| **27** | 29.4 | 28.4 | 28.9 | 28.8 | 27.9 | 28.4 | 34.6 | 30.5 | 31.9 | --- | --- | --- |
| **28** | 29.7 | 28.3 | 29.0 | 30.6 | 28.0 | 29.0 | 32.6 | 30.7 | 31.3 | --- | --- | --- |
| **29** | 30.0 | 28.5 | 29.0 | 31.2 | 28.0 | 29.1 | 31.3 | 30.4 | 30.7 | --- | --- | --- |
| **30** | 31.2 | 28.6 | 29.4 | 31.5 | 28.3 | 29.4 | 34.4 | 30.0 | 31.6 | --- | --- | --- |
| **31** | --- | --- | --- | 36.0 | 28.4 | 30.6 | 32.4 | 30.5 | 31.1 | --- | --- | --- |
| **Month** | 34.5 | 25.3 | 28.9 | --- | --- | --- | 36.9 | 28.5 | 31.3 | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 192 | 163 | 177 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 174 | 161 | 168 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 168 | 175 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 160 | 174 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 187 | 160 | 173 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 182 | 173 | 176 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 175 | 153 | 165 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 136 | 141 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 143 | 137 | 140 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 156 | 140 | 146 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 159 | 142 | 147 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 167 | 142 | 158 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 150 | 162 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 146 | 158 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 157 | 153 | 155 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 155 | 148 | 152 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 142 | 148 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 137 | 141 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 148 | 139 | 142 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 151 | 147 | 149 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 150 | 132 | 142 | 151 | 144 | 148 | 167 | 146 | 158 | 184 | 176 | 180 |
| **2** | 144 | 141 | 142 | 150 | 148 | 149 | 170 | 164 | 167 | 181 | 176 | 178 |
| **3** | 143 | 136 | 140 | 152 | 150 | 151 | 172 | 164 | 170 | 179 | 170 | 177 |
| **4** | 140 | 134 | 137 | 154 | 150 | 152 | 172 | 170 | 171 | 190 | 178 | 185 |
| **5** | 138 | 132 | 134 | 155 | 152 | 153 | 173 | 167 | 170 | 203 | 187 | 191 |
| **6** | 137 | 133 | 135 | 155 | 152 | 153 | 171 | 168 | 169 | 206 | 194 | 201 |
| **7** | 139 | 134 | 136 | 155 | 151 | 153 | 170 | 168 | 169 | 198 | 180 | 191 |
| **8** | 137 | 134 | 136 | 156 | 153 | 154 | 169 | 168 | 169 | 186 | 179 | 182 |
| **9** | 137 | 134 | 135 | 156 | 155 | 156 | 171 | 169 | 170 | 181 | 164 | 166 |
| **10** | 139 | 137 | 138 | 160 | 156 | 157 | 169 | 168 | 168 | 166 | 163 | 165 |
| **11** | 139 | 138 | 139 | 161 | 155 | 158 | 169 | 166 | 167 | 165 | 153 | 159 |
| **12** | 138 | 136 | 138 | 159 | 156 | 158 | 168 | 165 | 166 | 160 | 147 | 154 |
| **13** | 142 | 138 | 139 | 160 | 158 | 159 | 169 | 167 | 168 | 159 | 149 | 153 |
| **14** | 143 | 140 | 141 | 163 | 159 | 160 | 169 | 166 | 167 | 154 | 151 | 152 |
| **15** | 143 | 140 | 142 | 249 | 161 | 199 | 169 | 166 | 167 | 155 | 152 | 154 |
| **16** | 145 | 142 | 144 | 250 | 198 | 221 | 170 | 167 | 168 | 155 | 152 | 154 |
| **17** | 145 | 143 | 144 | 207 | 185 | 193 | 169 | 168 | 168 | 156 | 153 | 155 |
| **18** | 146 | 143 | 144 | 195 | 156 | 177 | 170 | 167 | 168 | 157 | 155 | 156 |
| **19** | 145 | 144 | 145 | 166 | 152 | 160 | 169 | 168 | 168 | 159 | 157 | 157 |
| **20** | 147 | 144 | 145 | 163 | 150 | 155 | 169 | 168 | 168 | 160 | 158 | 159 |
| **21** | 149 | 145 | 146 | 152 | 141 | 147 | 169 | 167 | 168 | 161 | 159 | 161 |
| **22** | 149 | 138 | 144 | 144 | 139 | 141 | 170 | 168 | 169 | 162 | 159 | 160 |
| **23** | 144 | 140 | 142 | 146 | 143 | 144 | 170 | 169 | 169 | 166 | 161 | 164 |
| **24** | 146 | 140 | 142 | 147 | 143 | 144 | 171 | 170 | 170 | 167 | 163 | 165 |
| **25** | 145 | 141 | 144 | 150 | 144 | 146 | 172 | 167 | 169 | 168 | 163 | 165 |
| **26** | 145 | 144 | 145 | 146 | 143 | 144 | 171 | 167 | 169 | 168 | 162 | 164 |
| **27** | 146 | 142 | 144 | 146 | 143 | 144 | 171 | 170 | 171 | 165 | 159 | 163 |
| **28** | 147 | 145 | 146 | 144 | 139 | 142 | 173 | 170 | 171 | 165 | 161 | 163 |
| **29** | --- | --- | --- | 144 | 142 | 143 | 182 | 172 | 177 | 186 | 164 | 173 |
| **30** | --- | --- | --- | 142 | 140 | 141 | 184 | 179 | 182 | 183 | 172 | 180 |
| **31** | --- | --- | --- | 146 | 138 | 141 | --- | --- | --- | 181 | 177 | 179 |
| **Month** | 150 | 132 | 141 | 250 | 138 | 156 | 184 | 146 | 169 | 206 | 147 | 168 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 180 | 172 | 176 | 184 | 182 | 183 | 138 | 133 | 135 | 168 | 165 | 166 |
| **2** | 173 | 166 | 172 | 183 | 181 | 182 | 136 | 132 | 134 | 168 | 162 | 165 |
| **3** | 173 | 165 | 169 | 186 | 182 | 184 | 142 | 132 | 133 | 175 | 165 | 171 |
| **4** | 175 | 153 | 165 | 183 | 183 | 183 | 139 | 134 | 138 | 176 | 174 | 175 |
| **5** | 167 | 157 | 162 | 183 | 181 | 182 | 141 | 138 | 139 | 177 | 174 | 175 |
| **6** | 158 | 154 | 156 | --- | --- | --- | 142 | 138 | 140 | 178 | 175 | 176 |
| **7** | 159 | 157 | 158 | --- | --- | --- | 141 | 139 | 140 | 185 | 175 | 180 |
| **8** | 159 | 158 | 159 | 182 | 174 | 178 | 146 | 140 | 143 | 188 | 185 | 186 |
| **9** | 159 | 157 | 158 | 179 | 171 | 175 | 145 | 138 | 141 | 190 | 186 | 188 |
| **10** | 159 | 153 | 155 | 173 | 169 | 170 | 148 | 141 | 144 | --- | --- | --- |
| **11** | 160 | 155 | 156 | 171 | 163 | 166 | 149 | 143 | 145 | --- | --- | --- |
| **12** | 158 | 153 | 155 | 168 | 160 | 164 | 151 | 144 | 147 | --- | --- | --- |
| **13** | 160 | 153 | 156 | 166 | 158 | 162 | 150 | 146 | 148 | --- | --- | --- |
| **14** | 160 | 155 | 158 | 160 | 155 | 158 | 153 | 147 | 150 | --- | --- | --- |
| **15** | 161 | 156 | 157 | 161 | 158 | 159 | 161 | 150 | 156 | --- | --- | --- |
| **16** | 161 | 157 | 159 | 159 | 150 | 157 | 152 | 146 | 149 | --- | --- | --- |
| **17** | 161 | 158 | 159 | 159 | 152 | 157 | 152 | 146 | 149 | --- | --- | --- |
| **18** | 167 | 159 | 160 | 159 | 155 | 157 | 152 | 146 | 149 | --- | --- | --- |
| **19** | 163 | 160 | 161 | 160 | 157 | 159 | 150 | 148 | 149 | --- | --- | --- |
| **20** | 168 | 162 | 165 | 159 | 155 | 157 | 152 | 147 | 149 | --- | --- | --- |
| **21** | 173 | 164 | 170 | 158 | 152 | 155 | 150 | 147 | 149 | --- | --- | --- |
| **22** | 176 | 169 | 173 | 155 | 131 | 141 | 153 | 148 | 150 | --- | --- | --- |
| **23** | 180 | 171 | 178 | 136 | 125 | 131 | 155 | 151 | 153 | --- | --- | --- |
| **24** | 180 | 174 | 177 | 129 | 125 | 127 | 159 | 155 | 158 | --- | --- | --- |
| **25** | 185 | 174 | 179 | 129 | 124 | 127 | 162 | 157 | 159 | --- | --- | --- |
| **26** | 186 | 177 | 182 | 136 | 127 | 131 | 169 | 162 | 164 | --- | --- | --- |
| **27** | 187 | 180 | 183 | 138 | 135 | 136 | 171 | 163 | 167 | --- | --- | --- |
| **28** | 187 | 182 | 185 | 137 | 132 | 134 | 166 | 162 | 164 | --- | --- | --- |
| **29** | 194 | 180 | 183 | 136 | 131 | 134 | 166 | 163 | 164 | --- | --- | --- |
| **30** | 183 | 180 | 182 | 135 | 131 | 133 | 168 | 163 | 166 | --- | --- | --- |
| **31** | --- | --- | --- | 137 | 131 | 133 | 171 | 166 | 168 | --- | --- | --- |
| **Month** | 194 | 153 | 167 | --- | --- | --- | 171 | 132 | 150 | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.3 |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.3 |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | 7.5 | 7.4 |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | 7.8 | 7.4 |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.4 |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | 7.8 | 7.3 |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 8.2 | 7.4 |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | 7.8 | 7.4 |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.8 | 7.4 |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.4 | 7.2 |
| **12** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 |
| **13** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 |
| **14** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.4 | 7.8 | 7.4 |
| **15** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.6 | 7.5 | 8.8 | 7.4 |
| **16** | --- | --- | --- | --- | --- | --- | 7.8 | 7.6 | 7.6 | 7.5 | 8.7 | 7.6 |
| **17** | --- | --- | --- | --- | --- | --- | 7.7 | 7.6 | 7.6 | 7.5 | 7.7 | 7.4 |
| **18** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.8 | 7.5 | 7.5 | 7.2 |
| **19** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.5 | 7.3 | 7.1 |
| **20** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.6 | 7.5 | 7.2 | 7.2 |
| **21** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.5 | 7.5 | 7.2 | 7.2 |
| **22** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **23** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| **24** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 |
| **25** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.5 | 7.4 | 7.2 | 7.2 |
| **26** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **27** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 |
| **28** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 |
| **29** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | --- | --- | 7.3 | 7.2 |
| **30** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | --- | --- | 7.3 | 7.3 |
| **31** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | --- | --- | 7.4 | 7.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | 7.8 | 7.3 | 8.8 | 7.1 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.5 | 7.3 | 7.5 | 7.3 | 8.3 | 7.3 | 8.8 | 7.6 | 8.6 | 7.8 | 9.0 | 8.3 |
| **2** | 7.3 | 7.3 | 7.5 | 7.3 | 9.2 | 7.4 | 8.5 | 7.6 | 9.1 | 7.6 | 8.8 | 8.1 |
| **3** | 7.4 | 7.3 | 7.8 | 7.4 | 8.4 | 7.2 | 8.7 | 7.6 | 8.9 | 7.4 | 8.8 | 7.8 |
| **4** | 7.4 | 7.3 | 7.7 | 7.4 | 9.3 | 7.0 | 8.0 | 7.6 | 8.0 | 7.3 | 9.0 | 7.9 |
| **5** | 7.4 | 7.4 | 7.6 | 7.4 | 9.0 | 7.3 | 8.5 | 7.7 | 7.5 | 7.2 | 8.3 | 7.6 |
| **6** | 8.2 | 7.4 | 7.5 | 7.4 | 7.6 | 6.7 | --- | --- | 7.6 | 7.3 | 8.8 | 7.6 |
| **7** | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 6.7 | --- | --- | 7.6 | 7.5 | 9.2 | 8.1 |
| **8** | 7.6 | 7.5 | 7.4 | 7.3 | 7.4 | 7.0 | 8.1 | 7.2 | 7.9 | 7.5 | 9.9 | 8.1 |
| **9** | 7.6 | 7.5 | 7.5 | 7.2 | 8.0 | 7.2 | 7.6 | 7.2 | 8.0 | 7.7 | 9.6 | 8.5 |
| **10** | 7.5 | 7.4 | 7.6 | 7.2 | 9.3 | 7.4 | 8.0 | 7.3 | 9.0 | 7.8 | --- | --- |
| **11** | 7.6 | 7.4 | 8.2 | 7.0 | 9.8 | 7.5 | 8.8 | 7.4 | 9.0 | 7.4 | --- | --- |
| **12** | 7.6 | 7.5 | 8.7 | 7.3 | 9.8 | 7.6 | 9.2 | 7.5 | 8.7 | 8.0 | --- | --- |
| **13** | 7.5 | 7.5 | 8.8 | 7.1 | 9.4 | 7.2 | 8.7 | 7.6 | 8.3 | 7.7 | --- | --- |
| **14** | 7.6 | 7.5 | 8.7 | 7.3 | 9.1 | 7.7 | 8.6 | 7.5 | 8.2 | 7.6 | --- | --- |
| **15** | 7.6 | 7.6 | 8.4 | 7.3 | 8.6 | 7.6 | 7.9 | 7.4 | 7.9 | 7.7 | --- | --- |
| **16** | 7.7 | 7.6 | 7.3 | 7.2 | 7.8 | 7.6 | 8.1 | 7.4 | 7.8 | 7.7 | --- | --- |
| **17** | 7.6 | 7.5 | 8.0 | 7.2 | 7.7 | 7.5 | 7.9 | 7.4 | 7.9 | 7.7 | --- | --- |
| **18** | 7.6 | 7.5 | 7.8 | 7.2 | 7.8 | 7.6 | 7.9 | 7.5 | 8.2 | 7.8 | --- | --- |
| **19** | 8.0 | 7.5 | 8.6 | 7.3 | 7.7 | 7.5 | 7.9 | 7.5 | 8.5 | 8.1 | --- | --- |
| **20** | 7.8 | 7.5 | 8.1 | 7.3 | 8.3 | 7.5 | 7.8 | 7.6 | 8.4 | 8.2 | --- | --- |
| **21** | 7.8 | 7.5 | 8.0 | 7.2 | 8.3 | 7.6 | 8.0 | 7.7 | 8.5 | 7.9 | --- | --- |
| **22** | 7.5 | 7.5 | 7.4 | 7.2 | 9.1 | 8.0 | 8.4 | 7.7 | 8.4 | 7.5 | --- | --- |
| **23** | 7.7 | 7.5 | 7.3 | 7.2 | 8.5 | 7.4 | 8.6 | 7.8 | 8.3 | 7.7 | --- | --- |
| **24** | 7.6 | 7.5 | 7.4 | 7.2 | 8.2 | 7.5 | 8.8 | 7.8 | 8.8 | 7.8 | --- | --- |
| **25** | 7.6 | 7.4 | 7.4 | 7.3 | 7.7 | 7.4 | 8.4 | 7.8 | 8.6 | 7.9 | --- | --- |
| **26** | 7.8 | 7.5 | 7.5 | 7.3 | 7.9 | 7.5 | 8.0 | 7.3 | 8.9 | 8.0 | --- | --- |
| **27** | 7.8 | 7.5 | 7.6 | 7.3 | 8.0 | 7.6 | 7.7 | 7.3 | 9.0 | 8.2 | --- | --- |
| **28** | 8.3 | 7.5 | 7.6 | 7.4 | 8.2 | 7.6 | 8.5 | 7.6 | 9.0 | 8.4 | --- | --- |
| **29** | 8.5 | 7.4 | 9.0 | 7.4 | 8.7 | 7.8 | 8.3 | 7.6 | 8.6 | 7.8 | --- | --- |
| **30** | 8.5 | 7.4 | 8.9 | 7.5 | 9.0 | 7.7 | 8.3 | 7.6 | 9.3 | 7.7 | --- | --- |
| **31** | --- | --- | 9.4 | 7.5 | --- | --- | 8.8 | 7.6 | 9.0 | 7.9 | --- | --- |
| **Month** | 8.5 | 7.3 | 9.4 | 7.0 | 9.8 | 6.7 | --- | --- | 9.3 | 7.2 | --- | --- |

| **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** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.9 | 8.6 | 8.8 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.5 | 8.6 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.5 | 8.6 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.6 | 9.0 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.3 | 9.6 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 9.7 | 9.8 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.6 | 9.7 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 9.8 | 10.1 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.2 | 10.4 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.4 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.4 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.5 | 10.6 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.3 | 10.5 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.4 | 10.5 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.3 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.0 | 10.2 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.1 | 10.2 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.0 | 10.1 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 10.0 | 10.2 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 10.0 | 10.2 | 8.9 | 8.5 | 8.7 | 7.6 | 6.3 | 6.9 | --- | --- | --- |
| **2** | 10.0 | 9.9 | 10 | 9.0 | 8.3 | 8.7 | 6.6 | 6.2 | 6.4 | 6.9 | 6.2 | 6.6 |
| **3** | 10.1 | 9.9 | 10.0 | 8.9 | 8.6 | 8.8 | 7.0 | 6.2 | 6.5 | 7.1 | 6.5 | 6.9 |
| **4** | 10.1 | 9.8 | 9.9 | 9.1 | 8.8 | 9.0 | 7.0 | 6.2 | 6.7 | 7.8 | 6.8 | 7.2 |
| **5** | 10.3 | 9.6 | 9.9 | 9.9 | 8.8 | 9.4 | 7.1 | 6.8 | 6.9 | 7.2 | 6.5 | 6.9 |
| **6** | 9.6 | 9.4 | 9.5 | 9.6 | 8.5 | 9.1 | 8.5 | 6.8 | 7.3 | 6.8 | 6.4 | 6.6 |
| **7** | 10.2 | 9.3 | 9.6 | 9.9 | 8.7 | 9.1 | 7.7 | 7.2 | 7.5 | 6.9 | 6.1 | 6.5 |
| **8** | 9.8 | 9.2 | 9.4 | 10.6 | 8.6 | 9.2 | 8.2 | 7.7 | 7.9 | 6.5 | 5.9 | 6.2 |
| **9** | 10.2 | 9.3 | 9.9 | 9.7 | 8.2 | 8.9 | 8.4 | 7.9 | 8.1 | 7.5 | 5.9 | 6.5 |
| **10** | 9.7 | 9.5 | 9.5 | 9.5 | 8.0 | 8.6 | 7.9 | 7.3 | 7.7 | 7.7 | 5.8 | 6.5 |
| **11** | 9.6 | 9.5 | 9.5 | 8.3 | 7.3 | 8.0 | 8.2 | 7.2 | 7.7 | 9.7 | 5.1 | 6.9 |
| **12** | 9.6 | 9.3 | 9.4 | 8.1 | 7.7 | 8.0 | 8.3 | 7.7 | 7.9 | 11.5 | 6.9 | 8.4 |
| **13** | 9.8 | 9.3 | 9.6 | 8.3 | 7.8 | 8.2 | 7.8 | 7.7 | 7.7 | 11.6 | 6.1 | 8.7 |
| **14** | 10.0 | 9.8 | 9.9 | 8.5 | 8.1 | 8.2 | 8.3 | 7.7 | 8.0 | 11.0 | 6.5 | 8.6 |
| **15** | 10.2 | 10.0 | 10.1 | 10.4 | 7.8 | 8.7 | 8.5 | 8.0 | 8.3 | 10.7 | 6.1 | 7.4 |
| **16** | 10.4 | 10.1 | 10.3 | 9.6 | 7.8 | 8.3 | 8.8 | 8.2 | 8.4 | 6.4 | 5.5 | 5.9 |
| **17** | 10.3 | 10.1 | 10.2 | 8.0 | 7.2 | 7.5 | 8.3 | 7.9 | 8.1 | 8.8 | 5.8 | 6.8 |
| **18** | 10.9 | 10.2 | 10.4 | 7.5 | 6.6 | 7.0 | 8.4 | 8.0 | 8.2 | 8.3 | 6.3 | 6.9 |
| **19** | 10.3 | 9.9 | 10.1 | 7.1 | 6.4 | 6.7 | 9.5 | 8.1 | 8.5 | 10.8 | 6.6 | 8.2 |
| **20** | 10.3 | 9.9 | 10 | 7.1 | 6.5 | 6.8 | 8.9 | 7.8 | 8.4 | 8.8 | 6.5 | 7.6 |
| **21** | 9.9 | 9.5 | 9.6 | 7.1 | 6.7 | 6.9 | 8.9 | 7.7 | 8.5 | 9.2 | 6.1 | 7.3 |
| **22** | 9.8 | 8.8 | 9.5 | 7.1 | 6.7 | 6.9 | 8.0 | 7.6 | 7.8 | 6.7 | 5.5 | 6.1 |
| **23** | 9.8 | 9.4 | 9.7 | 7.0 | 6.4 | 6.8 | 8.6 | 7.8 | 8.2 | 6.2 | 5.8 | 6.0 |
| **24** | 9.8 | 9.3 | 9.5 | 7.0 | 6.6 | 6.9 | 8.1 | 7.6 | 7.7 | 6.7 | 5.8 | 6.3 |
| **25** | 9.5 | 8.0 | 8.9 | 6.9 | 6.6 | 6.8 | 8.0 | 7.3 | 7.7 | 6.8 | 6.0 | 6.4 |
| **26** | 9.3 | 8.8 | 9.0 | 7.0 | 6.5 | 6.8 | 8.2 | 7.4 | 7.9 | 7.0 | 6.4 | 6.6 |
| **27** | 9.3 | 8.7 | 9.0 | 6.8 | 6.4 | 6.7 | 7.9 | 7.7 | 7.8 | 7.2 | 6.2 | 6.7 |
| **28** | 9.0 | 8.7 | 8.8 | 6.8 | 6.6 | 6.7 | --- | --- | --- | 7.5 | 6.4 | 6.9 |
| **29** | --- | --- | --- | 7.1 | 6.6 | 6.8 | --- | --- | --- | 11.2 | 6.4 | 8.0 |
| **30** | --- | --- | --- | 7.2 | 6.9 | 7.0 | --- | --- | --- | 11.3 | 6.2 | 8.2 |
| **31** | --- | --- | --- | 7.3 | 7.0 | 7.1 | --- | --- | --- | 13.7 | 6.2 | 9.3 |
| **Month** | 10.9 | 8.0 | 9.7 | 10.6 | 6.4 | 7.8 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.4 | 5.8 | 7.2 | 9.6 | 6.5 | 7.9 | 10.6 | 3.2 | 6.9 | 8.8 | 6.8 | 7.7 |
| **2** | 12.0 | 5.9 | 8.4 | 8.3 | 5.7 | 6.9 | 10.6 | 5.0 | 7.4 | 8.6 | 6.9 | 7.7 |
| **3** | 8.3 | 5.1 | 6.6 | 8.9 | 5.7 | 7.1 | 10.0 | 5.8 | 8.3 | 8.8 | 5.9 | 7.1 |
| **4** | 11.6 | 2.9 | 7.4 | 7.3 | 6.0 | 6.6 | 8.8 | 2.7 | 7.4 | 9.4 | 5.8 | 7.6 |
| **5** | 12.2 | 5.9 | 8.2 | 8.1 | 6.3 | 7.1 | 5.6 | 1.1 | 3.7 | 7.8 | 4.0 | 6.1 |
| **6** | 6.0 | 1.8 | 4.1 | --- | --- | --- | 5.3 | 1.1 | 3.1 | 7.6 | 3.5 | 5.7 |
| **7** | 4.6 | 2.3 | 3.6 | --- | --- | --- | 6.2 | 2.5 | 4.5 | 9.7 | 5.3 | 7.1 |
| **8** | 5.0 | 4.1 | 4.6 | 8.5 | 4.8 | 6.1 | 8.7 | 1.4 | 4.9 | 11.9 | 4.9 | 8.4 |
| **9** | 7.2 | 5.0 | 5.7 | 7.6 | 4.9 | 6.7 | 8.4 | 3.0 | 5.3 | 11.6 | 7.0 | 9.4 |
| **10** | 11.8 | 4.8 | 7.3 | 9.4 | 5.5 | 7.7 | 10.2 | 3.2 | 7.1 | --- | --- | --- |
| **11** | 15.4 | 5.0 | 8.6 | 12.1 | 5.0 | 8.3 | 10.4 | 4.6 | 7.8 | --- | --- | --- |
| **12** | 14.4 | 5.6 | 8.8 | 9.8 | 3.1 | 7.2 | 8.8 | 6.4 | 7.5 | --- | --- | --- |
| **13** | 10.8 | 4.2 | 7.0 | 9.4 | 2.5 | 6.5 | 8.1 | 5.1 | 6.6 | --- | --- | --- |
| **14** | 9.1 | 5.4 | 6.9 | 9.6 | 5.6 | 7.0 | 7.8 | 3.5 | 5.6 | --- | --- | --- |
| **15** | 8.3 | 5.4 | 6.1 | 7.1 | 4.7 | 5.8 | 6.4 | 4.0 | 5.3 | --- | --- | --- |
| **16** | 7.8 | 5.4 | 6.2 | 9.3 | 4.2 | 5.9 | 4.8 | 3.1 | 4.3 | --- | --- | --- |
| **17** | 6.3 | 5.7 | 6.0 | 7.5 | 3.8 | 5.4 | 5.4 | 3.3 | 4.1 | --- | --- | --- |
| **18** | 6.8 | 5.6 | 6.2 | 5.4 | 2.3 | 3.7 | 6.3 | 4.1 | 5.2 | --- | --- | --- |
| **19** | 8.0 | 5.4 | 6.4 | 5.6 | 2.3 | 3.7 | 7.3 | 4.2 | 5.4 | --- | --- | --- |
| **20** | 10.2 | 5.4 | 7.5 | 5.8 | 3.2 | 4.0 | --- | --- | --- | --- | --- | --- |
| **21** | 9.6 | 6.7 | 7.9 | 5.8 | 3.2 | 4.2 | --- | --- | --- | --- | --- | --- |
| **22** | 11.5 | 7.7 | 9.2 | 10.8 | 3.0 | 6.8 | 8.1 | 5.7 | 7.0 | --- | --- | --- |
| **23** | 8.4 | 5.8 | 7.4 | 11.0 | 3.4 | 6.9 | 8.1 | 6.1 | 7.1 | --- | --- | --- |
| **24** | 8.4 | 5.7 | 6.6 | 11.6 | 4.0 | 7.1 | 9.8 | 5.8 | 7.5 | --- | --- | --- |
| **25** | 6.8 | 4.4 | 5.9 | --- | --- | --- | 8.5 | 3.8 | 6.5 | --- | --- | --- |
| **26** | 7.4 | 4.8 | 6.0 | --- | --- | --- | 9.1 | 2.9 | 5.9 | --- | --- | --- |
| **27** | 7.8 | 4.8 | 6.3 | 6.6 | 4.9 | 5.8 | 9.0 | 3.2 | 6.2 | --- | --- | --- |
| **28** | 8.9 | 5.3 | 7.2 | 10.1 | 6.3 | 7.7 | --- | --- | --- | --- | --- | --- |
| **29** | 9.6 | 6.6 | 8.0 | 10.4 | 5.4 | 7.1 | 7.6 | 5.3 | 6.5 | --- | --- | --- |
| **30** | 10.5 | 7.3 | 8.4 | 11.6 | 5.3 | 7.4 | 10.5 | 5.2 | 7.5 | --- | --- | --- |
| **31** | --- | --- | --- | 12.6 | 4.2 | 8.0 | 9.2 | 5.8 | 7.5 | --- | --- | --- |
| **Month** | 15.4 | 1.8 | 6.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 1 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 44 | 47 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 46 | 47 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 48 | 45 | 46 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 52 | 47 | 50 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 51 | 52 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 52 | 60 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 55 | 86 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 140 | 120 | 130 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 120 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 94 | 110 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 100 | 75 | 86 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 75 | 67 | 71 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 62 | 65 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 62 | 51 | 57 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 53 | 54 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 60 | 49 | 51 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 52 | 49 | 50 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 50 | 51 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 48 | 51 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51 | 48 | 49 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 49 | 46 | 47 | 40 | 40 | 40 | 45 | 42 | 44 | --- | --- | --- |
| **2** | 48 | 46 | 47 | 40 | 40 | 40 | 44 | 40 | 42 | 39 | 35 | 37 |
| **3** | 46 | 44 | 45 | 40 | 40 | 40 | 42 | 37 | 38 | 89 | 36 | 44 |
| **4** | 44 | 42 | 43 | 40 | 40 | 40 | 40 | 33 | 36 | 37 | 32 | 34 |
| **5** | 42 | 40 | 41 | 41 | 40 | 40 | 38 | 34 | 37 | 36 | 32 | 34 |
| **6** | 42 | 40 | 41 | 43 | 40 | 42 | 37 | 34 | 36 | 38 | 35 | 36 |
| **7** | 40 | 38 | 39 | 44 | 41 | 42 | 42 | 35 | 39 | 43 | 37 | 39 |
| **8** | 40 | 37 | 38 | 44 | 39 | 42 | 39 | 37 | 38 | 43 | 39 | 41 |
| **9** | 39 | 36 | 37 | 41 | 39 | 40 | 37 | 36 | 37 | 44 | 40 | 41 |
| **10** | 40 | 38 | 39 | 44 | 41 | 42 | 40 | 37 | 38 | 42 | 40 | 41 |
| **11** | 39 | 36 | 38 | 51 | 43 | 46 | 40 | 37 | 38 | 43 | 39 | 41 |
| **12** | 37 | 34 | 36 | 54 | 50 | 52 | 39 | 37 | 38 | 41 | 38 | 40 |
| **13** | 38 | 35 | 37 | 66 | 53 | 59 | 43 | 36 | 38 | 39 | 34 | 37 |
| **14** | 39 | 37 | 38 | 81 | 54 | 63 | 42 | 36 | 39 | 35 | 32 | 34 |
| **15** | 39 | 35 | 37 | 80 | 59 | 68 | 40 | 37 | 38 | 34 | 32 | 33 |
| **16** | 37 | 33 | 34 | 88 | 63 | 78 | 39 | 37 | 38 | 37 | 33 | 35 |
| **17** | 35 | 32 | 33 | 82 | 44 | 49 | 41 | 37 | 39 | 43 | 34 | 37 |
| **18** | 35 | 32 | 34 | 49 | 42 | 45 | 41 | 39 | 40 | 40 | 32 | 35 |
| **19** | 33 | 32 | 32 | 47 | 44 | 45 | 40 | 38 | 39 | 40 | 32 | 35 |
| **20** | 33 | 31 | 32 | 46 | 44 | 45 | 40 | 37 | 38 | 44 | 31 | 33 |
| **21** | 38 | 32 | 34 | 48 | 43 | 45 | 41 | 37 | 39 | 49 | 30 | 33 |
| **22** | 41 | 32 | 38 | 49 | 42 | 45 | 42 | 41 | 42 | 37 | 29 | 33 |
| **23** | 40 | 39 | 39 | 44 | 40 | 42 | 42 | 38 | 39 | 38 | 32 | 34 |
| **24** | 40 | 39 | 40 | 43 | 40 | 41 | 44 | 38 | 41 | 56 | 31 | 39 |
| **25** | 41 | 40 | 40 | 45 | 39 | 41 | 54 | 41 | 47 | 46 | 31 | 36 |
| **26** | 40 | 40 | 40 | 44 | 42 | 43 | 42 | 41 | 41 | 34 | 29 | 31 |
| **27** | 40 | 40 | 40 | 46 | 42 | 44 | 41 | 40 | 40 | 75 | 31 | 39 |
| **28** | 40 | 40 | 40 | 48 | 44 | 45 | 40 | 38 | 40 | 42 | 31 | 35 |
| **29** | --- | --- | --- | 48 | 45 | 47 | 38 | 37 | 38 | 31 | 26 | 28 |
| **30** | --- | --- | --- | 49 | 47 | 48 | 37 | 36 | 37 | 31 | 26 | 29 |
| **31** | --- | --- | --- | 48 | 45 | 47 | --- | --- | --- | 32 | 27 | 28 |
| **Month** | 49 | 31 | 39 | 88 | 39 | 47 | 54 | 33 | 39 | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | --- | --- | --- | 20 | 16 | 18 | 18 | 9.1 | 12 | 9.5 | 5.5 | 7.1 |
| **2** | 32 | 24 | 26 | 22 | 16 | 19 | 17 | 8.7 | 14 | 9.6 | 5.9 | 7.3 |
| **3** | 28 | 25 | 26 | 22 | 15 | 18 | 14 | 10 | 12 | 15 | 6.9 | 9.6 |
| **4** | 35 | 25 | 28 | 21 | 16 | 18 | 13 | 9.5 | 10 | 13 | 5.6 | 9.0 |
| **5** | 28 | 24 | 25 | 18 | 15 | 16 | 18 | 10 | 13 | 12 | 5.7 | 8.4 |
| **6** | 41 | 23 | 30 | --- | --- | --- | 22 | 12 | 16 | 15 | 5.5 | 9.0 |
| **7** | 50 | 41 | 45 | --- | --- | --- | 24 | 12 | 17 | 11 | 4.7 | 7.2 |
| **8** | 50 | 33 | 37 | --- | --- | --- | --- | --- | --- | 10 | 4.2 | 6.8 |
| **9** | 35 | 25 | 31 | --- | --- | --- | --- | --- | --- | 7.8 | 4.3 | 5.7 |
| **10** | 31 | 26 | 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 33 | 22 | 26 | --- | --- | --- | 10 | 5.7 | 7.6 | --- | --- | --- |
| **12** | 25 | 20 | 22 | --- | --- | --- | 11 | 6.7 | 7.8 | --- | --- | --- |
| **13** | 24 | 18 | 20 | --- | --- | --- | 9.9 | 5.9 | 7.5 | --- | --- | --- |
| **14** | 21 | 17 | 19 | 28 | 16 | 21 | 11 | 6.3 | 8.5 | --- | --- | --- |
| **15** | 23 | 16 | 18 | 21 | 18 | 19 | 19 | 7.4 | 13 | --- | --- | --- |
| **16** | 24 | 14 | 16 | 21 | 17 | 19 | 20 | 14 | 18 | --- | --- | --- |
| **17** | 17 | 14 | 16 | 24 | 18 | 20 | --- | --- | --- | --- | --- | --- |
| **18** | 23 | 16 | 18 | 24 | 18 | 20 | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | 24 | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | 27 | 20 | 23 | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | 32 | 24 | 27 | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | 12 | 7.1 | 8.8 | --- | --- | --- |
| **23** | 16 | 11 | 13 | --- | --- | --- | 11 | 7.7 | 9.1 | --- | --- | --- |
| **24** | 14 | 13 | 14 | --- | --- | --- | 13 | 5.1 | 8.9 | --- | --- | --- |
| **25** | 18 | 14 | 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | 28 | 18 | 23 | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | 21 | 15 | 17 | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | 26 | 15 | 19 | 12 | 5.1 | 7.5 | --- | --- | --- |
| **30** | 18 | 16 | 17 | 31 | 15 | 18 | 11 | 3.1 | 5.7 | --- | --- | --- |
| **31** | --- | --- | --- | 21 | 10 | 14 | 9.2 | 3.1 | 5.8 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 3 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.1 | 14.2 | 14.6 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.7 | 14.6 | 15.1 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 14.8 | 15.3 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.1 | 13.3 | 14.1 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.3 | 11.3 | 12.4 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.5 | 10.6 | 10.9 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.3 | 10.1 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.3 | 8.7 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.3 | 8.5 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 8.7 | 9.2 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 8.8 | 9.3 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.8 | 9.1 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.9 | 9.2 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.0 | 8.8 | 9.7 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.2 | 10.0 | 10.5 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.9 | 10.0 | 10.7 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.8 | 10.3 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 9.5 | 9.9 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 9.6 | 9.9 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.1 | 9.5 | 9.9 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 9.5 | 9.9 | 16.5 | 15.3 | 15.9 | 24.5 | 22.4 | 22.9 | 23.2 | 22.1 | 22.7 |
| **2** | 10.1 | 9.5 | 9.9 | 16.8 | 14.9 | 15.7 | 23.1 | 22.3 | 22.7 | 23.8 | 22.3 | 23.2 |
| **3** | 10.6 | 9.0 | 9.7 | 16.1 | 15.1 | 15.5 | 24.3 | 22.7 | 23.4 | 24.0 | 22.4 | 23.1 |
| **4** | 11.8 | 9.3 | 10.1 | 15.6 | 14.6 | 15.1 | 23.6 | 22.2 | 23.2 | 25.0 | 23.3 | 24.3 |
| **5** | 13.7 | 9.7 | 10.9 | 18.9 | 14.2 | 15.6 | 23.0 | 21.4 | 22.1 | 25.4 | 24.3 | 24.8 |
| **6** | 11.2 | 9.7 | 10.5 | 16.5 | 14.4 | 15.5 | 24.5 | 21.3 | 22.3 | 25.2 | 24.6 | 24.9 |
| **7** | 12.7 | 10.3 | 11.3 | 16.8 | 14.7 | 15.7 | 22.0 | 18.7 | 19.9 | 26.0 | 24.8 | 25.2 |
| **8** | 13.2 | 10.6 | 11.7 | 18.8 | 15.2 | 16.6 | 19.6 | 18.1 | 18.8 | 26.8 | 24.8 | 25.6 |
| **9** | 13.3 | 11.5 | 12.5 | 18.7 | 15.5 | 16.9 | 19.3 | 18.0 | 18.7 | 27.1 | 25.2 | 26.1 |
| **10** | 11.5 | 10.7 | 10.9 | 19.8 | 16.1 | 17.1 | 20.2 | 18.5 | 19.2 | 27.0 | 24.9 | 25.8 |
| **11** | 11.2 | 10.7 | 10.9 | 17.6 | 15.8 | 16.7 | 21.4 | 18.8 | 19.9 | 28.2 | 24.6 | 26.1 |
| **12** | 12.4 | 11.1 | 11.7 | 17.7 | 16.1 | 16.9 | 21.1 | 19.9 | 20.4 | 30.0 | 26.2 | 27.7 |
| **13** | 12.0 | 11.1 | 11.6 | 18.6 | 16.9 | 17.8 | 20.6 | 19.8 | 20.1 | 28.6 | 26.3 | 27.2 |
| **14** | 11.1 | 10.2 | 10.7 | 18.2 | 17.7 | 17.9 | 20.6 | 18.7 | 19.8 | 30.9 | 26.4 | 28.1 |
| **15** | 10.7 | 9.7 | 10.1 | 21.4 | 17.6 | 19.1 | 20.2 | 18.1 | 19.2 | 29.9 | 26.6 | 27.6 |
| **16** | 11.8 | 9.2 | 10.3 | 21.3 | 19.3 | 20.0 | 20.6 | 19.2 | 19.7 | 27.1 | 26.1 | 26.6 |
| **17** | 10.9 | 9.6 | 10.3 | 19.5 | 18.4 | 19.0 | 19.4 | 18.7 | 19.1 | 26.7 | 25.0 | 25.7 |
| **18** | 13.4 | 9.4 | 11.1 | 19.2 | 18.6 | 18.8 | 19.7 | 18.7 | 19.2 | 27.2 | 24.5 | 25.7 |
| **19** | 11.4 | 10.2 | 10.9 | 19.5 | 18.5 | 18.9 | 20.9 | 19.0 | 19.7 | 28.2 | 24.2 | 26.0 |
| **20** | 12.0 | 11.1 | 11.5 | 20.2 | 18.7 | 19.3 | 21.4 | 19.1 | 20.2 | 27.0 | 25.1 | 26.0 |
| **21** | 12.4 | 11.2 | 11.7 | 20.4 | 19.4 | 19.8 | 21.3 | 19.8 | 20.7 | 26.2 | 24.8 | 25.5 |
| **22** | 13.8 | 11.2 | 12.0 | 21.0 | 19.7 | 20.2 | 21.4 | 19.5 | 20.5 | 25.7 | 23.9 | 25.0 |
| **23** | 13.2 | 11.7 | 12.4 | 21.3 | 19.9 | 20.5 | 21.8 | 20.5 | 21.3 | 26.3 | 24.8 | 25.5 |
| **24** | 13.7 | 12.3 | 13.1 | 21.4 | 20.3 | 20.8 | 21.5 | 21.0 | 21.2 | 26.5 | 25.1 | 25.8 |
| **25** | 17.3 | 13.2 | 14.7 | 21.5 | 20.8 | 21.1 | 22.0 | 20.5 | 21.1 | 26.2 | 25.3 | 25.7 |
| **26** | 15.3 | 13.9 | 14.5 | 21.5 | 20.8 | 21.1 | 23.8 | 20.5 | 21.9 | 25.7 | 25.1 | 25.4 |
| **27** | 15.3 | 13.9 | 14.5 | 22.6 | 21.0 | 21.6 | 23.0 | 22.1 | 22.5 | 26.1 | 24.8 | 25.3 |
| **28** | 15.8 | 14.6 | 15.3 | 22.8 | 21.7 | 22.1 | 25.2 | 21.8 | 22.8 | 25.5 | 24.8 | 25.0 |
| **29** | --- | --- | --- | 23.2 | 21.8 | 22.4 | 25.3 | 21.8 | 23.1 | 29.0 | 24.7 | 26.1 |
| **30** | --- | --- | --- | 22.9 | 22.1 | 22.5 | 25.5 | 22.5 | 23.8 | 27.8 | 25.1 | 26.4 |
| **31** | --- | --- | --- | 22.6 | 22.0 | 22.4 | --- | --- | --- | 30.5 | 25.5 | 27.6 |
| **Month** | 17.3 | 9.0 | 11.6 | 23.2 | 14.2 | 18.7 | 25.5 | 18.0 | 21.0 | 30.9 | 22.1 | 25.7 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27.7 | 26.1 | 26.9 | 29.4 | 28.7 | 29.1 | 31.1 | 28.5 | 29.6 | 30.9 | 30.0 | 30.4 |
| **2** | 29.5 | 26.1 | 27.2 | 29.0 | 28.1 | 28.6 | 31.4 | 29.2 | 29.8 | 30.3 | 29.4 | 29.8 |
| **3** | 28.9 | 26.0 | 27.2 | 29.2 | 27.9 | 28.5 | 31.8 | 29.1 | 30.3 | 30.6 | 29.4 | 29.7 |
| **4** | 30.1 | 25.4 | 27.3 | 28.4 | 27.8 | 28.0 | 31.5 | 30.3 | 31.1 | 31.2 | 29.0 | 29.9 |
| **5** | 30.8 | 27.4 | 28.3 | 28.7 | 27.2 | 27.9 | 30.7 | 29.0 | 30.1 | 30.1 | 29.1 | 29.7 |
| **6** | 27.8 | 26.2 | 26.9 | --- | --- | --- | 31.0 | 28.9 | 30.1 | 29.9 | 28.9 | 29.3 |
| **7** | 27.6 | 26.1 | 26.8 | --- | --- | --- | 30.9 | 29.6 | 30.2 | 30.3 | 28.9 | 29.5 |
| **8** | 28.5 | 27.2 | 27.8 | 28.4 | 27.1 | 27.6 | 31.9 | 29.1 | 30.2 | 31.2 | 28.9 | 29.9 |
| **9** | 30.1 | 27.8 | 28.6 | 29.1 | 27.1 | 28.1 | 34.9 | 30.1 | 31.3 | 31.4 | 29.4 | 30.3 |
| **10** | 32.1 | 27.8 | 29.2 | 29.0 | 27.7 | 28.4 | 35.2 | 30.4 | 31.7 | --- | --- | --- |
| **11** | 32.4 | 28.5 | 29.7 | 29.7 | 27.6 | 28.6 | 35.0 | 30.6 | 32.3 | --- | --- | --- |
| **12** | 32.9 | 28.5 | 30.1 | 31.4 | 28.3 | 29.6 | 33.6 | 31.5 | 32.9 | --- | --- | --- |
| **13** | 32.8 | 28.5 | 29.7 | 30.4 | 28.4 | 29.6 | 35.0 | 32.2 | 33.4 | --- | --- | --- |
| **14** | 30.9 | 29.0 | 29.8 | 30.8 | 28.9 | 29.3 | 34.8 | 32.9 | 33.8 | --- | --- | --- |
| **15** | 30.5 | 28.7 | 29.2 | 29.4 | 28.5 | 28.9 | 33.6 | 32.1 | 33.0 | --- | --- | --- |
| **16** | 29.1 | 27.9 | 28.5 | 30.5 | 28.0 | 28.9 | 32.1 | 30.5 | 31.0 | --- | --- | --- |
| **17** | 28.4 | 27.8 | 28.0 | 30.0 | 28.1 | 29.0 | 31.3 | 29.9 | 30.5 | --- | --- | --- |
| **18** | 29.3 | 27.6 | 28.4 | 29.8 | 28.7 | 29.2 | 30.9 | 29.7 | 30.2 | --- | --- | --- |
| **19** | 29.6 | 28.4 | 29.0 | 29.6 | 28.5 | 28.8 | 31.2 | 29.8 | 30.4 | --- | --- | --- |
| **20** | 30.2 | 28.3 | 29.1 | 29.1 | 28.0 | 28.5 | 31.1 | 29.8 | 30.4 | --- | --- | --- |
| **21** | 29.8 | 28.8 | 29.1 | 29.5 | 28.1 | 28.6 | 31.4 | 30.0 | 30.6 | --- | --- | --- |
| **22** | 30.3 | 28.9 | 29.4 | 32.2 | 28.5 | 30.1 | 31.1 | 29.8 | 30.4 | --- | --- | --- |
| **23** | 29.8 | 28.7 | 29.2 | 32.9 | 29.9 | 30.9 | 31.3 | 30.0 | 30.6 | --- | --- | --- |
| **24** | 30.0 | 28.2 | 28.9 | 32.8 | 29.7 | 30.9 | 33.2 | 30.2 | 31.4 | --- | --- | --- |
| **25** | 29.3 | 28.3 | 28.9 | 31.0 | 29.3 | 30.3 | 32.2 | 30.7 | 31.2 | --- | --- | --- |
| **26** | 29.2 | 28.5 | 28.8 | 29.8 | 28.8 | 29.5 | 34.0 | 30.2 | 31.8 | --- | --- | --- |
| **27** | 29.4 | 28.4 | 28.9 | 28.8 | 27.9 | 28.5 | 32.8 | 30.5 | 31.6 | --- | --- | --- |
| **28** | 29.7 | 28.3 | 29.0 | 30.1 | 28.0 | 28.7 | 32.1 | 30.7 | 31.3 | --- | --- | --- |
| **29** | 29.8 | 28.5 | 29.0 | 29.6 | 28.0 | 28.6 | 31.3 | 30.4 | 30.7 | --- | --- | --- |
| **30** | 30.1 | 28.6 | 29.2 | 29.9 | 28.4 | 28.8 | 33.8 | 30.0 | 31.2 | --- | --- | --- |
| **31** | --- | --- | --- | 32.6 | 28.4 | 29.5 | 31.7 | 30.5 | 31.0 | --- | --- | --- |
| **Month** | 32.9 | 25.4 | 28.6 | --- | --- | --- | 35.2 | 28.5 | 31.1 | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 3 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 192 | 163 | 177 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 174 | 162 | 168 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 181 | 169 | 175 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 160 | 174 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 187 | 160 | 173 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 183 | 173 | 176 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 175 | 152 | 165 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 152 | 136 | 141 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 143 | 137 | 140 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 154 | 140 | 145 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 158 | 142 | 147 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 166 | 141 | 158 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 150 | 162 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 148 | 158 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 157 | 153 | 155 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 156 | 149 | 153 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 143 | 148 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 137 | 141 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 148 | 139 | 142 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 151 | 146 | 149 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 150 | 133 | 141 | 150 | 144 | 148 | 167 | 146 | 157 | 185 | 173 | 180 |
| **2** | 144 | 141 | 142 | 150 | 148 | 149 | 171 | 164 | 167 | 181 | 176 | 178 |
| **3** | 143 | 136 | 140 | 152 | 150 | 151 | 172 | 164 | 170 | 179 | 167 | 176 |
| **4** | 140 | 135 | 137 | 154 | 150 | 152 | 172 | 170 | 171 | 190 | 178 | 185 |
| **5** | 138 | 132 | 134 | 154 | 151 | 153 | 173 | 168 | 170 | 201 | 187 | 191 |
| **6** | 137 | 133 | 135 | 156 | 152 | 153 | 171 | 168 | 169 | 205 | 198 | 202 |
| **7** | 139 | 134 | 135 | 154 | 152 | 153 | 170 | 168 | 170 | 198 | 180 | 191 |
| **8** | 137 | 134 | 136 | 155 | 153 | 154 | 169 | 168 | 169 | 186 | 178 | 181 |
| **9** | 137 | 134 | 135 | 156 | 154 | 155 | 171 | 168 | 170 | 180 | 164 | 166 |
| **10** | 139 | 136 | 138 | 160 | 156 | 157 | 169 | 168 | 168 | 166 | 163 | 165 |
| **11** | 139 | 138 | 139 | 160 | 155 | 158 | 168 | 166 | 167 | 165 | 153 | 159 |
| **12** | 138 | 137 | 138 | 159 | 156 | 158 | 168 | 165 | 166 | 163 | 147 | 154 |
| **13** | 142 | 138 | 139 | 160 | 158 | 159 | 169 | 166 | 168 | 155 | 148 | 151 |
| **14** | 143 | 140 | 142 | 162 | 158 | 160 | 169 | 166 | 167 | 154 | 150 | 152 |
| **15** | 143 | 140 | 142 | 265 | 161 | 198 | 168 | 166 | 167 | 155 | 152 | 154 |
| **16** | 145 | 142 | 144 | 250 | 197 | 221 | 170 | 167 | 168 | 155 | 152 | 154 |
| **17** | 144 | 143 | 144 | 206 | 185 | 194 | 169 | 168 | 168 | 156 | 154 | 155 |
| **18** | 146 | 143 | 144 | 195 | 156 | 177 | 174 | 167 | 168 | 157 | 155 | 156 |
| **19** | 145 | 144 | 145 | 167 | 152 | 160 | 169 | 166 | 168 | 159 | 157 | 158 |
| **20** | 148 | 144 | 145 | 163 | 150 | 155 | 168 | 168 | 168 | 161 | 158 | 159 |
| **21** | 146 | 144 | 145 | 152 | 141 | 147 | 169 | 168 | 168 | 161 | 160 | 161 |
| **22** | 148 | 138 | 143 | 144 | 139 | 142 | 170 | 168 | 169 | 161 | 159 | 160 |
| **23** | 144 | 139 | 141 | 145 | 143 | 144 | 170 | 169 | 169 | 167 | 161 | 164 |
| **24** | 146 | 140 | 142 | 147 | 142 | 144 | 171 | 170 | 170 | 167 | 163 | 165 |
| **25** | 145 | 141 | 143 | 150 | 144 | 146 | 171 | 167 | 169 | 169 | 163 | 165 |
| **26** | 145 | 144 | 145 | 146 | 143 | 144 | 171 | 167 | 169 | 166 | 163 | 164 |
| **27** | 146 | 143 | 144 | 146 | 143 | 143 | 171 | 170 | 171 | 165 | 155 | 163 |
| **28** | 147 | 145 | 146 | 144 | 139 | 142 | 173 | 169 | 171 | 166 | 161 | 163 |
| **29** | --- | --- | --- | 144 | 142 | 143 | 182 | 172 | 177 | 182 | 164 | 173 |
| **30** | --- | --- | --- | 142 | 140 | 141 | 185 | 178 | 182 | 184 | 172 | 180 |
| **31** | --- | --- | --- | 146 | 139 | 141 | --- | --- | --- | 181 | 176 | 179 |
| **Month** | 150 | 132 | 141 | 265 | 139 | 156 | 185 | 146 | 169 | 205 | 147 | 168 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 180 | 171 | 176 | 184 | 183 | 183 | 138 | 134 | 135 | 168 | 165 | 166 |
| **2** | 173 | 167 | 171 | 183 | 182 | 182 | 135 | 132 | 134 | 167 | 162 | 164 |
| **3** | 173 | 166 | 169 | 186 | 182 | 184 | 135 | 131 | 133 | 175 | 164 | 171 |
| **4** | 170 | 152 | 163 | 184 | 183 | 183 | 140 | 134 | 138 | 176 | 174 | 175 |
| **5** | 166 | 156 | 161 | 183 | 181 | 182 | 140 | 137 | 139 | 177 | 174 | 175 |
| **6** | 159 | 154 | 156 | --- | --- | --- | 142 | 138 | 140 | 178 | 175 | 176 |
| **7** | 159 | 157 | 158 | --- | --- | --- | 142 | 139 | 140 | 185 | 175 | 181 |
| **8** | 159 | 158 | 159 | 182 | 175 | 179 | 145 | 141 | 142 | 189 | 185 | 186 |
| **9** | 159 | 157 | 158 | 178 | 171 | 175 | 144 | 139 | 142 | 190 | 186 | 188 |
| **10** | 159 | 153 | 156 | 172 | 169 | 170 | 146 | 141 | 144 | --- | --- | --- |
| **11** | 156 | 154 | 155 | 170 | 165 | 168 | 148 | 143 | 145 | --- | --- | --- |
| **12** | 156 | 153 | 154 | 169 | 163 | 166 | 150 | 143 | 147 | --- | --- | --- |
| **13** | 159 | 152 | 156 | 167 | 158 | 162 | 150 | 146 | 148 | --- | --- | --- |
| **14** | 161 | 156 | 158 | 160 | 155 | 158 | 153 | 146 | 150 | --- | --- | --- |
| **15** | 160 | 157 | 158 | 160 | 158 | 159 | 161 | 151 | 156 | --- | --- | --- |
| **16** | 161 | 157 | 159 | 159 | 155 | 157 | 152 | 147 | 149 | --- | --- | --- |
| **17** | 161 | 158 | 159 | 159 | 156 | 157 | 151 | 146 | 149 | --- | --- | --- |
| **18** | 166 | 159 | 161 | 159 | 156 | 157 | 152 | 146 | 149 | --- | --- | --- |
| **19** | 162 | 160 | 161 | 160 | 157 | 159 | 150 | 148 | 149 | --- | --- | --- |
| **20** | 168 | 162 | 165 | 160 | 156 | 158 | 152 | 147 | 150 | --- | --- | --- |
| **21** | 172 | 164 | 169 | 158 | 149 | 155 | 150 | 147 | 149 | --- | --- | --- |
| **22** | 177 | 171 | 173 | 153 | 133 | 141 | 152 | 148 | 150 | --- | --- | --- |
| **23** | 180 | 171 | 178 | 137 | 125 | 131 | 155 | 151 | 153 | --- | --- | --- |
| **24** | 180 | 174 | 177 | 129 | 125 | 127 | 159 | 155 | 158 | --- | --- | --- |
| **25** | 185 | 174 | 179 | 129 | 125 | 127 | 162 | 157 | 159 | --- | --- | --- |
| **26** | 185 | 177 | 182 | 136 | 127 | 131 | 169 | 161 | 164 | --- | --- | --- |
| **27** | 187 | 180 | 183 | 138 | 134 | 136 | 170 | 162 | 166 | --- | --- | --- |
| **28** | 188 | 182 | 185 | 137 | 133 | 135 | 167 | 162 | 164 | --- | --- | --- |
| **29** | 186 | 180 | 182 | 136 | 131 | 134 | 166 | 163 | 164 | --- | --- | --- |
| **30** | 183 | 180 | 182 | 136 | 132 | 133 | 168 | 163 | 166 | --- | --- | --- |
| **31** | --- | --- | --- | 137 | 132 | 134 | 174 | 166 | 168 | --- | --- | --- |
| **Month** | 188 | 152 | 167 | --- | --- | --- | 174 | 131 | 150 | --- | --- | --- |

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180

200

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240

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

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 3 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.9 | 8.6 | 8.8 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.4 | 8.6 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.5 | 8.6 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.6 | 8.9 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.2 | 9.6 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 9.6 | 9.8 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.6 | 9.7 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 9.8 | 10.1 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.2 | 10.4 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.4 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.4 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.5 | 10.6 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.3 | 10.5 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.4 | 10.4 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.2 | 10.3 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.0 | 10.2 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.1 | 10.2 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.0 | 10.1 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 10.0 | 10.1 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.1 | 10.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 10.0 | 10.1 | 8.9 | 8.5 | 8.7 | 7.5 | 6.3 | 6.8 | --- | --- | --- |
| **2** | 10.0 | 9.9 | 10 | 9.0 | 8.4 | 8.7 | 6.5 | 6.1 | 6.3 | 6.8 | 6.1 | 6.5 |
| **3** | 10.1 | 9.9 | 10 | 8.9 | 8.6 | 8.8 | 6.7 | 6.2 | 6.5 | 7.0 | 6.4 | 6.9 |
| **4** | 10.0 | 9.8 | 9.9 | 9.1 | 8.8 | 9.0 | 7.1 | 6.2 | 6.7 | 7.6 | 6.8 | 7.1 |
| **5** | 10.3 | 9.6 | 9.9 | 10.1 | 8.6 | 9.2 | 7.0 | 6.7 | 6.9 | 7.1 | 6.5 | 6.8 |
| **6** | 9.7 | 9.4 | 9.5 | 9.6 | 8.5 | 9.0 | 8.4 | 6.8 | 7.3 | 6.8 | 6.4 | 6.6 |
| **7** | 9.9 | 9.3 | 9.6 | 9.2 | 8.7 | 8.9 | 7.7 | 7.2 | 7.5 | 6.7 | 6.1 | 6.5 |
| **8** | 9.8 | 9.1 | 9.3 | 10.1 | 8.3 | 9.1 | 8.2 | 7.7 | 7.9 | 6.4 | 5.8 | 6.2 |
| **9** | 10.2 | 9.4 | 9.9 | 9.5 | 8.2 | 8.7 | 8.4 | 7.8 | 8.1 | 7.2 | 5.8 | 6.3 |
| **10** | 9.7 | 9.5 | 9.5 | 9.2 | 7.6 | 8.4 | 8.0 | 7.3 | 7.7 | 6.9 | 5.8 | 6.2 |
| **11** | 9.6 | 9.5 | 9.5 | 8.3 | 7.3 | 8.0 | 8.2 | 7.2 | 7.6 | 9.1 | 5.1 | 6.6 |
| **12** | 9.5 | 9.3 | 9.4 | 8.1 | 7.6 | 7.9 | 8.3 | 7.7 | 7.9 | 9.5 | 6.7 | 7.9 |
| **13** | 9.8 | 9.2 | 9.5 | 8.3 | 7.8 | 8.2 | 7.8 | 7.7 | 7.7 | 9.4 | 6.2 | 7.4 |
| **14** | 10.0 | 9.8 | 9.9 | 8.3 | 8.0 | 8.2 | 8.3 | 7.7 | 8.0 | 10.1 | 4.8 | 7.7 |
| **15** | 10.2 | 10.0 | 10.1 | 9.9 | 7.8 | 8.6 | 8.5 | 8.0 | 8.3 | 8.8 | 6.1 | 6.9 |
| **16** | 10.4 | 10.2 | 10.3 | 9.7 | 7.8 | 8.3 | 8.7 | 8.2 | 8.3 | 6.4 | 5.5 | 5.9 |
| **17** | 10.3 | 10.1 | 10.2 | 8.0 | 7.2 | 7.5 | 8.3 | 7.9 | 8.1 | 8.7 | 5.8 | 6.8 |
| **18** | 10.8 | 10.2 | 10.4 | 7.6 | 6.6 | 7.0 | 8.4 | 7.9 | 8.2 | 8.3 | 6.3 | 6.9 |
| **19** | 10.3 | 9.9 | 10.1 | 7.1 | 6.4 | 6.7 | 8.8 | 8.1 | 8.3 | 10.5 | 6.6 | 8.0 |
| **20** | 10.1 | 9.9 | 9.9 | 7.1 | 6.5 | 6.8 | 8.9 | 7.9 | 8.3 | 8.8 | 6.1 | 7.5 |
| **21** | 9.9 | 9.4 | 9.6 | 7.1 | 6.8 | 6.9 | 8.8 | 7.7 | 8.4 | 8.1 | 6.1 | 7.0 |
| **22** | 10.0 | 9.2 | 9.6 | 7.1 | 6.7 | 6.9 | 7.9 | 7.6 | 7.7 | 6.6 | 5.5 | 6.0 |
| **23** | 9.9 | 9.4 | 9.7 | 7.0 | 6.4 | 6.7 | 8.5 | 7.7 | 8.1 | 6.2 | 5.8 | 6.0 |
| **24** | 9.8 | 9.3 | 9.5 | 7.0 | 6.6 | 6.8 | 8.1 | 7.5 | 7.7 | 6.7 | 5.8 | 6.3 |
| **25** | 9.5 | 8.2 | 9.0 | 6.9 | 6.6 | 6.8 | 8.0 | 7.4 | 7.7 | 6.7 | 6.0 | 6.4 |
| **26** | 9.3 | 8.8 | 9.0 | 7.0 | 6.5 | 6.8 | 8.2 | 7.5 | 7.9 | 7.0 | 6.3 | 6.6 |
| **27** | 9.3 | 8.8 | 9.1 | 6.8 | 6.4 | 6.7 | 7.9 | 7.7 | 7.8 | 7.0 | 6.2 | 6.6 |
| **28** | 9.0 | 8.7 | 8.8 | 6.8 | 6.5 | 6.7 | --- | --- | --- | 7.3 | 6.4 | 6.9 |
| **29** | --- | --- | --- | 7.0 | 6.5 | 6.8 | --- | --- | --- | 10.6 | 6.4 | 7.8 |
| **30** | --- | --- | --- | 7.1 | 6.9 | 7.0 | --- | --- | --- | 9.6 | 6.2 | 7.6 |
| **31** | --- | --- | --- | 7.2 | 6.9 | 7.1 | --- | --- | --- | 13.3 | 6.4 | 9.0 |
| **Month** | 10.8 | 8.2 | 9.7 | 10.1 | 6.4 | 7.8 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.3 | 5.7 | 7.0 | 9.3 | 6.5 | 7.8 | 10.7 | 3.8 | 6.8 | 8.8 | 6.8 | 7.7 |
| **2** | 10.5 | 5.8 | 7.5 | 8.0 | 5.7 | 6.8 | 10.5 | 5.2 | 7.0 | 8.5 | 6.9 | 7.7 |
| **3** | 8.3 | 5.0 | 6.4 | 8.9 | 5.8 | 7.1 | 10.3 | 5.0 | 8.0 | 8.8 | 5.6 | 7.2 |
| **4** | 12.2 | 3.2 | 6.6 | 7.2 | 5.9 | 6.6 | 8.6 | 4.3 | 7.3 | 10.1 | 5.9 | 7.6 |
| **5** | 10.7 | 6.0 | 7.7 | 7.7 | 6.3 | 6.8 | 5.6 | 1.1 | 3.8 | 8.1 | 3.6 | 6.3 |
| **6** | 6.2 | 1.9 | 4.1 | --- | --- | --- | 6.3 | 0.8 | 3.6 | 7.6 | 3.3 | 5.6 |
| **7** | 4.6 | 2.4 | 3.6 | --- | --- | --- | 6.2 | 1.9 | 4.3 | 9.3 | 5.4 | 6.9 |
| **8** | 5.0 | 4.2 | 4.7 | 7.4 | 4.6 | 5.5 | 8.9 | 1.5 | 4.8 | 12.2 | 4.9 | 8.5 |
| **9** | 6.9 | 4.9 | 5.5 | 7.4 | 4.9 | 6.6 | 9.8 | 4.4 | 6.4 | 11.6 | 7.2 | 9.5 |
| **10** | 10.9 | 4.2 | 6.4 | 8.8 | 5.6 | 7.4 | 11.0 | 3.1 | 7.1 | --- | --- | --- |
| **11** | 11.6 | 5.0 | 7.6 | 9.4 | 5.2 | 7.4 | 10.5 | 4.6 | 7.5 | --- | --- | --- |
| **12** | 12.1 | 4.8 | 7.4 | 14.4 | 5.7 | 9.1 | 8.6 | 6.0 | 7.4 | --- | --- | --- |
| **13** | 10.3 | 4.0 | 6.2 | 8.5 | 4.4 | 6.7 | 8.5 | 5.2 | 6.8 | --- | --- | --- |
| **14** | 8.1 | 5.3 | 6.3 | 9.7 | 5.6 | 6.5 | 8.3 | 3.4 | 5.9 | --- | --- | --- |
| **15** | 7.2 | 5.4 | 5.9 | 6.3 | 4.7 | 5.6 | 6.9 | 4.4 | 5.4 | --- | --- | --- |
| **16** | 7.9 | 5.4 | 6.1 | 8.0 | 4.2 | 5.3 | 4.9 | 3.1 | 4.2 | --- | --- | --- |
| **17** | 6.2 | 5.7 | 5.9 | 7.1 | 3.4 | 5.3 | 5.0 | 3.2 | 4.1 | --- | --- | --- |
| **18** | 8.2 | 5.6 | 6.2 | 6.4 | 2.7 | 4.4 | 6.3 | 4.1 | 5.1 | --- | --- | --- |
| **19** | 6.7 | 5.5 | 6.2 | 5.8 | 2.2 | 3.8 | --- | --- | --- | --- | --- | --- |
| **20** | 9.5 | 5.4 | 7.2 | 5.6 | 3.4 | 4.2 | --- | --- | --- | --- | --- | --- |
| **21** | 9.3 | 6.6 | 7.8 | 7.0 | 3.2 | 4.7 | --- | --- | --- | --- | --- | --- |
| **22** | 11.3 | 7.5 | 9.0 | 10.9 | 4.1 | 7.2 | 8.0 | 5.7 | 7.0 | --- | --- | --- |
| **23** | 8.7 | 5.9 | 7.4 | 11.1 | 4.3 | 7.1 | 8.0 | 6.2 | 7.1 | --- | --- | --- |
| **24** | 8.4 | 5.3 | 6.7 | 11.7 | 4.4 | 7.4 | 9.8 | 5.9 | 7.4 | --- | --- | --- |
| **25** | 6.6 | 4.9 | 6.0 | --- | --- | --- | 8.4 | 4.2 | 6.3 | --- | --- | --- |
| **26** | 7.5 | 4.9 | 6.0 | --- | --- | --- | 9.8 | 2.5 | 6.0 | --- | --- | --- |
| **27** | 7.6 | 5.0 | 6.2 | 6.6 | 4.9 | 5.8 | 8.9 | 3.3 | 6.1 | --- | --- | --- |
| **28** | 9.2 | 4.8 | 7.2 | 9.5 | 6.1 | 7.2 | --- | --- | --- | --- | --- | --- |
| **29** | 9.3 | 6.3 | 7.8 | 7.6 | 4.6 | 6.1 | 7.6 | 5.3 | 6.5 | --- | --- | --- |
| **30** | 9.4 | 7.3 | 8.2 | 9.2 | 4.6 | 6.4 | 10.4 | 5.2 | 7.5 | --- | --- | --- |
| **31** | --- | --- | --- | 12.5 | 4.7 | 7.5 | 8.7 | 5.8 | 7.3 | --- | --- | --- |
| **Month** | 12.2 | 1.9 | 6.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 3 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 45 | 47 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 46 | 48 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 48 | 45 | 47 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 47 | 50 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 51 | 53 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 51 | 60 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 55 | 85 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 140 | 120 | 130 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 130 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 100 | 110 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 100 | 73 | 87 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 75 | 67 | 71 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 62 | 66 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 64 | 54 | 58 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 53 | 54 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 54 | 49 | 51 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 52 | 49 | 51 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 50 | 52 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 49 | 52 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51 | 49 | 50 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 46 | 48 | 40 | 40 | 40 | 46 | 42 | 44 | 41 | 32 | 38 |
| **2** | 48 | 46 | 47 | 40 | 40 | 40 | 45 | 40 | 42 | 36 | 34 | 35 |
| **3** | 47 | 44 | 45 | 40 | 40 | 40 | 42 | 37 | 39 | 80 | 34 | 40 |
| **4** | 44 | 42 | 43 | 40 | 40 | 40 | 41 | 33 | 36 | 35 | 30 | 32 |
| **5** | 43 | 40 | 41 | 43 | 40 | 41 | 38 | 35 | 37 | 34 | 30 | 33 |
| **6** | 43 | 40 | 41 | 43 | 40 | 42 | 38 | 34 | 36 | 36 | 32 | 34 |
| **7** | 41 | 38 | 39 | 44 | 41 | 43 | 41 | 35 | 39 | 40 | 35 | 37 |
| **8** | 41 | 37 | 39 | 44 | 38 | 42 | 39 | 36 | 38 | 42 | 37 | 38 |
| **9** | 39 | 36 | 38 | 42 | 39 | 40 | 38 | 36 | 37 | 40 | 38 | 39 |
| **10** | 41 | 39 | 40 | 45 | 40 | 41 | 40 | 37 | 38 | 41 | 37 | 39 |
| **11** | 39 | 36 | 38 | 51 | 43 | 46 | 40 | 37 | 38 | 42 | 37 | 39 |
| **12** | 39 | 36 | 37 | 53 | 50 | 52 | 39 | 37 | 38 | 42 | 36 | 38 |
| **13** | 39 | 36 | 37 | 66 | 52 | 59 | 39 | 36 | 38 | 37 | 33 | 35 |
| **14** | 39 | 37 | 38 | 81 | 55 | 64 | 42 | 36 | 39 | 36 | 30 | 33 |
| **15** | 39 | 36 | 37 | 80 | 55 | 69 | 40 | 37 | 38 | 32 | 31 | 32 |
| **16** | 39 | 34 | 35 | 90 | 63 | 78 | 39 | 37 | 38 | 35 | 32 | 34 |
| **17** | 37 | 33 | 35 | 85 | 44 | 49 | 41 | 37 | 39 | 43 | 34 | 37 |
| **18** | 36 | 32 | 34 | 50 | 42 | 45 | 41 | 39 | 40 | 38 | 31 | 33 |
| **19** | 34 | 32 | 32 | 46 | 44 | 45 | 40 | 38 | 39 | 48 | 31 | 34 |
| **20** | 33 | 31 | 32 | 47 | 44 | 46 | 40 | 37 | 39 | 37 | 30 | 32 |
| **21** | 38 | 33 | 35 | 52 | 43 | 45 | 42 | 37 | 39 | 45 | 29 | 31 |
| **22** | 41 | 34 | 38 | 49 | 42 | 45 | 42 | 41 | 42 | 36 | 29 | 32 |
| **23** | 40 | 39 | 39 | 45 | 41 | 42 | 42 | 38 | 39 | 36 | 31 | 33 |
| **24** | 40 | 39 | 40 | 43 | 40 | 41 | 44 | 39 | 41 | 53 | 31 | 39 |
| **25** | 40 | 40 | 40 | 45 | 39 | 41 | 54 | 42 | 47 | 43 | 30 | 36 |
| **26** | 40 | 40 | 40 | 44 | 42 | 43 | 52 | 51 | 52 | 33 | 29 | 31 |
| **27** | 40 | 40 | 40 | 47 | 43 | 44 | 51 | 48 | 49 | 64 | 31 | 37 |
| **28** | 40 | 40 | 40 | 48 | 44 | 45 | 48 | 46 | 47 | 45 | 31 | 36 |
| **29** | --- | --- | --- | 48 | 45 | 47 | 46 | 43 | 44 | 31 | 26 | 27 |
| **30** | --- | --- | --- | 49 | 47 | 48 | 43 | 41 | 42 | 31 | 27 | 29 |
| **31** | --- | --- | --- | 48 | 45 | 47 | --- | --- | --- | 33 | 26 | 28 |
| **Month** | 50 | 31 | 39 | 90 | 38 | 47 | 54 | 33 | 40 | 80 | 26 | 35 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | --- | --- | --- | 20 | 16 | 18 | 17 | 11 | 14 | 10 | 5.8 | 7.3 |
| **2** | 33 | 23 | 26 | 22 | 16 | 19 | 17 | 8.8 | 14 | 9.3 | 5.9 | 7.5 |
| **3** | 28 | 25 | 26 | 22 | 16 | 19 | 14 | 10 | 12 | 13 | 7.5 | 9.8 |
| **4** | 34 | 25 | 28 | 22 | 16 | 19 | 12 | 9.6 | 10 | 14 | 6.3 | 10 |
| **5** | 26 | 24 | 25 | 18 | 16 | 17 | 17 | 10 | 13 | 14 | 5.8 | 8.8 |
| **6** | 41 | 24 | 30 | --- | --- | --- | 21 | 13 | 16 | 13 | 6.1 | 9.4 |
| **7** | 50 | 40 | 45 | --- | --- | --- | 24 | 12 | 17 | 11 | 5.4 | 7.6 |
| **8** | 43 | 33 | 37 | --- | --- | --- | --- | --- | --- | 11 | 4.7 | 6.9 |
| **9** | 36 | 28 | 32 | --- | --- | --- | --- | --- | --- | 7.7 | 4.3 | 5.8 |
| **10** | 32 | 26 | 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 29 | 22 | 26 | --- | --- | --- | 11 | 5.9 | 8.0 | --- | --- | --- |
| **12** | 28 | 20 | 22 | --- | --- | --- | 12 | 6.0 | 7.9 | --- | --- | --- |
| **13** | 25 | 18 | 21 | --- | --- | --- | 10 | 6.2 | 7.8 | --- | --- | --- |
| **14** | 21 | 18 | 19 | 29 | 16 | 22 | 12 | 6.3 | 8.4 | --- | --- | --- |
| **15** | 20 | 16 | 18 | 22 | 18 | 19 | 19 | 7.4 | 13 | --- | --- | --- |
| **16** | 20 | 14 | 16 | 22 | 17 | 19 | 23 | 15 | 18 | --- | --- | --- |
| **17** | 18 | 14 | 16 | 23 | 18 | 20 | --- | --- | --- | --- | --- | --- |
| **18** | 23 | 16 | 18 | 24 | 18 | 20 | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | 24 | 20 | 22 | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | 27 | 20 | 24 | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | 12 | 7.2 | 9.0 | --- | --- | --- |
| **23** | 16 | 11 | 13 | --- | --- | --- | 12 | 7.6 | 9.0 | --- | --- | --- |
| **24** | 14 | 13 | 14 | --- | --- | --- | 12 | 5.6 | 8.6 | --- | --- | --- |
| **25** | 19 | 14 | 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | 29 | 18 | 23 | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | 24 | 16 | 18 | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | 25 | 16 | 19 | 12 | 5.2 | 7.5 | --- | --- | --- |
| **30** | 19 | 16 | 17 | 22 | 16 | 18 | 12 | 3.4 | 6.1 | --- | --- | --- |
| **31** | --- | --- | --- | 23 | 12 | 15 | 9.7 | 3.7 | 6.3 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.1 | 14.0 | 14.5 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.6 | 14.6 | 15.1 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.9 | 14.8 | 15.3 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 13.3 | 14.1 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.3 | 11.3 | 12.4 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.5 | 10.6 | 10.9 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.3 | 10.2 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.3 | 8.7 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.3 | 8.5 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.7 | 8.9 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 8.7 | 9.3 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.8 | 9.1 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.9 | 9.2 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.9 | 8.8 | 9.5 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.0 | 9.8 | 10.4 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.2 | 10.0 | 10.6 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.8 | 10.3 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 9.5 | 9.9 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 9.6 | 9.9 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 9.5 | 9.9 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.3 | 9.5 | 9.9 | 16.5 | 15.3 | 15.8 | 23.0 | 22.4 | 22.7 | 23.2 | 22.0 | 22.5 |
| **2** | 10.1 | 9.5 | 9.9 | 16.5 | 14.9 | 15.6 | 23.1 | 22.3 | 22.7 | 23.8 | 21.9 | 22.9 |
| **3** | 10.2 | 9.1 | 9.6 | 16.1 | 15.1 | 15.5 | 24.0 | 22.7 | 23.3 | 24.0 | 22.3 | 23.0 |
| **4** | 11.0 | 9.3 | 9.9 | 15.6 | 14.7 | 15.1 | 23.6 | 22.2 | 23.2 | 24.8 | 23.3 | 24.1 |
| **5** | 12.5 | 9.7 | 10.4 | 17.3 | 14.2 | 15.2 | 23.0 | 21.4 | 22.1 | 25.3 | 24.3 | 24.7 |
| **6** | 11.2 | 9.7 | 10.4 | 16.4 | 14.5 | 15.3 | 24.4 | 21.3 | 22.2 | 25.2 | 24.5 | 24.9 |
| **7** | 12.0 | 10.2 | 11.1 | 16.5 | 14.7 | 15.5 | 22.1 | 18.7 | 19.9 | 25.8 | 24.8 | 25.2 |
| **8** | 12.6 | 10.6 | 11.4 | 18.3 | 15.2 | 16.2 | 19.6 | 18.1 | 18.7 | 26.4 | 24.8 | 25.5 |
| **9** | 13.4 | 11.5 | 12.5 | 17.4 | 15.4 | 16.5 | 19.3 | 18.0 | 18.7 | 26.9 | 25.0 | 26.0 |
| **10** | 11.5 | 10.7 | 10.9 | 18.1 | 15.9 | 16.7 | 20.0 | 18.5 | 19.1 | 26.2 | 24.9 | 25.7 |
| **11** | 11.1 | 10.7 | 10.9 | 17.6 | 15.8 | 16.6 | 21.4 | 18.8 | 19.8 | 27.5 | 24.6 | 25.7 |
| **12** | 12.1 | 11.1 | 11.6 | 17.4 | 16.1 | 16.7 | 21.1 | 19.9 | 20.3 | 29.0 | 26.2 | 27.0 |
| **13** | 12.0 | 11.1 | 11.6 | 18.4 | 16.9 | 17.7 | 20.4 | 19.8 | 20.1 | 27.5 | 26.0 | 26.7 |
| **14** | 11.1 | 10.2 | 10.7 | 18.1 | 17.7 | 17.9 | 20.4 | 18.8 | 19.8 | 28.5 | 26.1 | 27.4 |
| **15** | 10.7 | 9.7 | 10.2 | 21.0 | 17.7 | 19.0 | 20.2 | 18.1 | 19.2 | 28.2 | 26.6 | 27.3 |
| **16** | 11.6 | 9.3 | 10.2 | 20.9 | 19.2 | 20.0 | 20.4 | 19.1 | 19.6 | 27.1 | 26.1 | 26.6 |
| **17** | 10.9 | 9.6 | 10.2 | 19.5 | 18.4 | 19.0 | 19.3 | 18.7 | 19.0 | 26.7 | 24.9 | 25.7 |
| **18** | 13.1 | 9.5 | 10.6 | 19.2 | 18.6 | 18.8 | 19.7 | 18.7 | 19.2 | 27.1 | 24.5 | 25.6 |
| **19** | 11.2 | 10.0 | 10.7 | 19.5 | 18.5 | 18.9 | 20.2 | 19.0 | 19.5 | 27.6 | 24.2 | 25.9 |
| **20** | 11.6 | 10.9 | 11.3 | 20.1 | 18.7 | 19.3 | 21.1 | 19.1 | 20.1 | 26.9 | 25.0 | 26.0 |
| **21** | 11.8 | 11.0 | 11.4 | 20.4 | 19.4 | 19.8 | 21.3 | 19.8 | 20.6 | 26.1 | 24.8 | 25.5 |
| **22** | 12.7 | 11.0 | 11.6 | 20.9 | 19.6 | 20.2 | 21.3 | 19.5 | 20.4 | 25.7 | 23.9 | 25.0 |
| **23** | 13.2 | 11.6 | 12.3 | 21.2 | 19.9 | 20.5 | 21.7 | 20.4 | 21.2 | 26.2 | 24.9 | 25.4 |
| **24** | 13.6 | 12.3 | 13.0 | 21.3 | 20.3 | 20.8 | 21.3 | 20.7 | 21.1 | 26.4 | 25.1 | 25.7 |
| **25** | 16.0 | 13.3 | 14.2 | 21.5 | 20.8 | 21.1 | 21.6 | 20.5 | 21.0 | 26.2 | 25.3 | 25.7 |
| **26** | 14.8 | 13.6 | 14.2 | 21.5 | 20.8 | 21.1 | 23.3 | 20.5 | 21.8 | 25.7 | 25.1 | 25.4 |
| **27** | 15.2 | 13.9 | 14.4 | 22.4 | 21.0 | 21.6 | 22.9 | 22.1 | 22.5 | 25.9 | 24.9 | 25.3 |
| **28** | 15.6 | 14.5 | 15.1 | 22.7 | 21.7 | 22.1 | 23.4 | 21.8 | 22.4 | 25.3 | 24.8 | 25.0 |
| **29** | --- | --- | --- | 23.1 | 21.8 | 22.4 | 24.9 | 21.8 | 22.9 | 28.3 | 24.7 | 25.6 |
| **30** | --- | --- | --- | 22.9 | 22.2 | 22.6 | 25.0 | 22.2 | 23.4 | 27.3 | 25.1 | 26.1 |
| **31** | --- | --- | --- | 22.6 | 22.0 | 22.3 | --- | --- | --- | 28.1 | 25.5 | 26.8 |
| **Month** | 16.0 | 9.1 | 11.4 | 23.1 | 14.2 | 18.6 | 25.0 | 18.0 | 20.9 | 29.0 | 21.9 | 25.5 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27.3 | 25.8 | 26.6 | 29.2 | 28.7 | 29.0 | 30.7 | 28.3 | 29.3 | 30.9 | 30.0 | 30.4 |
| **2** | 27.6 | 25.9 | 26.8 | 29.0 | 28.1 | 28.6 | 32.1 | 29.0 | 29.6 | 30.2 | 29.4 | 29.8 |
| **3** | 27.8 | 25.9 | 26.6 | 29.1 | 27.9 | 28.5 | 31.7 | 29.0 | 30.0 | 30.2 | 29.3 | 29.6 |
| **4** | 28.4 | 25.3 | 26.7 | 28.3 | 27.8 | 28.0 | 31.2 | 29.4 | 30.7 | 30.9 | 29.0 | 29.6 |
| **5** | 31.2 | 27.2 | 28.1 | 28.4 | 27.3 | 27.8 | 30.4 | 28.9 | 29.8 | 30.0 | 29.1 | 29.6 |
| **6** | 27.8 | 26.2 | 26.9 | --- | --- | --- | 30.3 | 28.9 | 29.8 | 29.7 | 28.9 | 29.2 |
| **7** | 27.4 | 26.1 | 26.8 | --- | --- | --- | 30.4 | 29.6 | 30.1 | 29.8 | 29.0 | 29.3 |
| **8** | 28.4 | 27.1 | 27.7 | 27.8 | 27.1 | 27.4 | 31.2 | 29.1 | 30.0 | 30.8 | 28.9 | 29.7 |
| **9** | 28.8 | 27.8 | 28.3 | 28.4 | 27.1 | 27.9 | 31.9 | 30.1 | 30.7 | 30.9 | 29.4 | 30.1 |
| **10** | 29.7 | 27.8 | 28.7 | 28.7 | 27.8 | 28.2 | 32.7 | 30.2 | 31.1 | --- | --- | --- |
| **11** | 30.7 | 28.1 | 29.1 | 29.0 | 27.6 | 28.4 | 34.0 | 30.6 | 31.7 | --- | --- | --- |
| **12** | 31.7 | 27.9 | 29.4 | 30.5 | 28.3 | 29.1 | 33.3 | 31.1 | 32.7 | --- | --- | --- |
| **13** | 31.5 | 28.6 | 29.4 | 30.0 | 28.2 | 29.2 | 34.8 | 32.2 | 33.3 | --- | --- | --- |
| **14** | 30.3 | 29.0 | 29.6 | 29.5 | 28.9 | 29.1 | 34.5 | 33.0 | 33.6 | --- | --- | --- |
| **15** | 29.7 | 28.6 | 29.1 | 29.0 | 28.5 | 28.8 | 34.6 | 32.1 | 33.0 | --- | --- | --- |
| **16** | 29.0 | 27.9 | 28.5 | 29.3 | 28.1 | 28.8 | 32.1 | 30.1 | 31.0 | --- | --- | --- |
| **17** | 28.4 | 27.8 | 28.0 | 29.6 | 28.1 | 28.9 | 31.0 | 29.9 | 30.4 | --- | --- | --- |
| **18** | 28.7 | 27.6 | 28.2 | 29.7 | 28.7 | 29.1 | 31.1 | 29.7 | 30.2 | --- | --- | --- |
| **19** | 29.4 | 28.3 | 28.8 | 29.4 | 28.5 | 28.8 | 31.0 | 29.8 | 30.3 | --- | --- | --- |
| **20** | 29.8 | 28.3 | 29.0 | 28.9 | 28.0 | 28.4 | 31.1 | 29.8 | 30.3 | --- | --- | --- |
| **21** | 29.4 | 28.8 | 29.0 | 29.1 | 28.0 | 28.3 | 31.4 | 30.0 | 30.5 | --- | --- | --- |
| **22** | 29.9 | 28.9 | 29.4 | 31.5 | 28.0 | 29.9 | 31.0 | 29.8 | 30.4 | --- | --- | --- |
| **23** | 29.7 | 28.7 | 29.1 | 32.4 | 29.5 | 30.6 | 31.4 | 30.0 | 30.5 | --- | --- | --- |
| **24** | 29.8 | 28.3 | 28.9 | 32.6 | 29.7 | 30.7 | 32.9 | 30.2 | 31.3 | --- | --- | --- |
| **25** | 29.3 | 28.3 | 28.8 | 30.8 | 28.9 | 30.1 | 31.7 | 30.6 | 31.0 | --- | --- | --- |
| **26** | 29.1 | 28.4 | 28.8 | 29.8 | 28.8 | 29.4 | 33.4 | 30.2 | 31.2 | --- | --- | --- |
| **27** | 29.4 | 28.4 | 28.8 | 28.8 | 27.9 | 28.4 | 32.5 | 30.5 | 31.3 | --- | --- | --- |
| **28** | 29.7 | 28.3 | 28.9 | 29.8 | 28.0 | 28.4 | 32.0 | 30.7 | 31.2 | --- | --- | --- |
| **29** | 29.5 | 28.5 | 28.9 | 28.6 | 28.0 | 28.3 | 31.3 | 30.4 | 30.7 | --- | --- | --- |
| **30** | 29.5 | 28.6 | 29.1 | 29.4 | 28.3 | 28.6 | 31.9 | 30.0 | 30.6 | --- | --- | --- |
| **31** | --- | --- | --- | 30.1 | 28.3 | 29.0 | 31.6 | 30.5 | 30.9 | --- | --- | --- |
| **Month** | 31.7 | 25.3 | 28.4 | --- | --- | --- | 34.8 | 28.3 | 30.9 | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 191 | 164 | 177 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 174 | 162 | 168 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 167 | 175 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 160 | 174 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 185 | 160 | 172 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 183 | 173 | 176 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 175 | 152 | 165 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 152 | 136 | 141 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 136 | 140 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 146 | 140 | 142 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 159 | 142 | 146 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 167 | 140 | 157 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 151 | 162 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 147 | 158 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 156 | 150 | 155 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 156 | 150 | 154 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 143 | 148 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 138 | 141 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 147 | 139 | 142 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 147 | 149 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 150 | 133 | 141 | 149 | 144 | 147 | 166 | 146 | 156 | 183 | 172 | 179 |
| **2** | 144 | 140 | 142 | 150 | 148 | 148 | 170 | 164 | 167 | 181 | 172 | 177 |
| **3** | 143 | 136 | 140 | 152 | 150 | 151 | 172 | 164 | 169 | 180 | 168 | 177 |
| **4** | 141 | 135 | 136 | 154 | 150 | 152 | 173 | 170 | 171 | 190 | 178 | 184 |
| **5** | 139 | 132 | 134 | 154 | 150 | 153 | 172 | 168 | 170 | 202 | 187 | 191 |
| **6** | 137 | 133 | 135 | 158 | 151 | 153 | 171 | 168 | 169 | 205 | 199 | 202 |
| **7** | 137 | 134 | 135 | 154 | 151 | 153 | 171 | 168 | 169 | 199 | 180 | 191 |
| **8** | 137 | 134 | 136 | 155 | 153 | 154 | 169 | 168 | 169 | 186 | 178 | 181 |
| **9** | 137 | 134 | 135 | 157 | 154 | 156 | 171 | 169 | 170 | 178 | 164 | 167 |
| **10** | 139 | 136 | 138 | 159 | 155 | 158 | 169 | 167 | 168 | 167 | 163 | 165 |
| **11** | 139 | 138 | 139 | 161 | 155 | 158 | 169 | 165 | 167 | 165 | 154 | 159 |
| **12** | 138 | 137 | 138 | 159 | 156 | 158 | 168 | 166 | 166 | 162 | 149 | 154 |
| **13** | 142 | 138 | 139 | 160 | 158 | 159 | 169 | 166 | 168 | 154 | 149 | 152 |
| **14** | 142 | 140 | 141 | 162 | 159 | 160 | 168 | 166 | 167 | 156 | 151 | 153 |
| **15** | 143 | 140 | 142 | 254 | 161 | 195 | 168 | 166 | 167 | 155 | 152 | 154 |
| **16** | 145 | 142 | 144 | 258 | 196 | 222 | 169 | 167 | 168 | 155 | 152 | 154 |
| **17** | 144 | 143 | 144 | 205 | 185 | 193 | 169 | 168 | 168 | 156 | 154 | 155 |
| **18** | 145 | 143 | 144 | 195 | 156 | 176 | 169 | 167 | 168 | 157 | 155 | 156 |
| **19** | 145 | 144 | 145 | 166 | 152 | 160 | 170 | 167 | 168 | 159 | 157 | 158 |
| **20** | 146 | 144 | 145 | 164 | 150 | 155 | 169 | 168 | 168 | 160 | 158 | 159 |
| **21** | 146 | 144 | 145 | 152 | 141 | 147 | 169 | 168 | 168 | 162 | 160 | 161 |
| **22** | 147 | 138 | 143 | 144 | 139 | 142 | 170 | 168 | 169 | 161 | 159 | 160 |
| **23** | 143 | 139 | 141 | 146 | 143 | 144 | 170 | 169 | 169 | 169 | 161 | 164 |
| **24** | 145 | 140 | 142 | 146 | 142 | 144 | 171 | 170 | 170 | 167 | 162 | 165 |
| **25** | 145 | 141 | 143 | 150 | 144 | 146 | 172 | 167 | 170 | 167 | 163 | 165 |
| **26** | 146 | 143 | 144 | 146 | 143 | 144 | 171 | 167 | 169 | 167 | 163 | 164 |
| **27** | 146 | 143 | 144 | 145 | 143 | 143 | 171 | 170 | 171 | 165 | 161 | 163 |
| **28** | 147 | 145 | 146 | 144 | 139 | 142 | 175 | 170 | 172 | 166 | 161 | 164 |
| **29** | --- | --- | --- | 144 | 142 | 143 | 181 | 172 | 176 | 182 | 165 | 173 |
| **30** | --- | --- | --- | 142 | 140 | 141 | 187 | 178 | 183 | 183 | 174 | 180 |
| **31** | --- | --- | --- | 146 | 140 | 141 | --- | --- | --- | 183 | 179 | 181 |
| **Month** | 150 | 132 | 141 | 258 | 139 | 156 | 187 | 146 | 169 | 205 | 149 | 168 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 181 | 170 | 175 | 185 | 183 | 183 | 140 | 133 | 136 | 168 | 165 | 166 |
| **2** | 173 | 166 | 171 | 183 | 181 | 183 | 135 | 132 | 134 | 166 | 163 | 164 |
| **3** | 173 | 150 | 168 | 186 | 183 | 184 | 134 | 131 | 132 | 175 | 165 | 171 |
| **4** | 169 | 146 | 160 | 183 | 183 | 183 | 139 | 133 | 137 | 176 | 174 | 175 |
| **5** | 166 | 158 | 162 | 183 | 181 | 182 | 142 | 137 | 139 | 178 | 174 | 175 |
| **6** | 160 | 154 | 156 | --- | --- | --- | 142 | 138 | 140 | 178 | 175 | 176 |
| **7** | 159 | 157 | 158 | --- | --- | --- | 142 | 139 | 140 | 186 | 175 | 181 |
| **8** | 159 | 158 | 159 | 182 | 177 | 179 | 146 | 140 | 143 | 189 | 185 | 186 |
| **9** | 159 | 158 | 158 | 178 | 170 | 174 | 144 | 140 | 142 | 190 | 185 | 187 |
| **10** | 159 | 154 | 156 | 172 | 169 | 170 | 146 | 141 | 144 | --- | --- | --- |
| **11** | 157 | 154 | 156 | 171 | 165 | 168 | 148 | 143 | 145 | --- | --- | --- |
| **12** | 159 | 153 | 155 | 170 | 165 | 167 | 150 | 140 | 146 | --- | --- | --- |
| **13** | 159 | 154 | 157 | 168 | 157 | 163 | 150 | 145 | 148 | --- | --- | --- |
| **14** | 161 | 156 | 159 | 160 | 150 | 157 | 156 | 145 | 150 | --- | --- | --- |
| **15** | 160 | 157 | 158 | 163 | 159 | 160 | 160 | 150 | 156 | --- | --- | --- |
| **16** | 161 | 157 | 159 | 159 | 156 | 158 | 152 | 141 | 149 | --- | --- | --- |
| **17** | 161 | 158 | 159 | 160 | 157 | 158 | 150 | 144 | 148 | --- | --- | --- |
| **18** | 166 | 159 | 161 | 160 | 155 | 158 | 150 | 146 | 148 | --- | --- | --- |
| **19** | 164 | 160 | 161 | 161 | 157 | 159 | 150 | 148 | 149 | --- | --- | --- |
| **20** | 169 | 162 | 166 | 159 | 155 | 157 | 152 | 147 | 149 | --- | --- | --- |
| **21** | 172 | 164 | 170 | 158 | 142 | 153 | 150 | 147 | 148 | --- | --- | --- |
| **22** | 177 | 171 | 174 | 150 | 133 | 141 | 152 | 148 | 149 | --- | --- | --- |
| **23** | 180 | 172 | 178 | 136 | 124 | 130 | 156 | 150 | 153 | --- | --- | --- |
| **24** | 181 | 174 | 177 | 129 | 125 | 127 | 160 | 155 | 158 | --- | --- | --- |
| **25** | 184 | 174 | 178 | 130 | 126 | 128 | 161 | 157 | 159 | --- | --- | --- |
| **26** | 185 | 176 | 181 | 135 | 127 | 131 | 170 | 161 | 164 | --- | --- | --- |
| **27** | 186 | 180 | 184 | 138 | 133 | 136 | 169 | 164 | 165 | --- | --- | --- |
| **28** | 189 | 182 | 185 | 136 | 132 | 135 | 167 | 162 | 164 | --- | --- | --- |
| **29** | 186 | 179 | 182 | 137 | 133 | 135 | 167 | 163 | 164 | --- | --- | --- |
| **30** | 184 | 180 | 182 | 135 | 132 | 133 | 170 | 163 | 166 | --- | --- | --- |
| **31** | --- | --- | --- | 139 | 131 | 134 | 172 | 166 | 168 | --- | --- | --- |
| **Month** | 189 | 146 | 167 | --- | --- | --- | 172 | 131 | 149 | --- | --- | --- |

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MEAN SPECIFIC CONDUCTANCE, WATER, UNFILTERED,

MICROSIEMENS PER CENTIMETER AT 25 DEGREES

CELSIUS

| **PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.4 |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.3 |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.3 |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.3 |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.6 | 7.4 |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.5 | 7.4 |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.7 | 7.3 |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | 7.6 | 7.3 |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.2 |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.4 | 7.2 |
| **12** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 |
| **13** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 |
| **14** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.4 | 7.8 | 7.4 |
| **15** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.6 | 7.5 | 8.7 | 7.4 |
| **16** | --- | --- | --- | --- | --- | --- | 7.8 | 7.6 | 7.6 | 7.5 | 8.6 | 7.6 |
| **17** | --- | --- | --- | --- | --- | --- | 7.7 | 7.6 | 7.6 | 7.5 | 7.6 | 7.4 |
| **18** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.7 | 7.5 | 7.5 | 7.2 |
| **19** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.5 | 7.3 | 7.2 |
| **20** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.6 | 7.5 | 7.2 | 7.2 |
| **21** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.5 | 7.2 | 7.2 |
| **22** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **23** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| **24** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 |
| **25** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.6 | 7.4 | 7.2 | 7.2 |
| **26** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **27** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 |
| **28** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 |
| **29** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | --- | --- | 7.3 | 7.2 |
| **30** | --- | --- | --- | --- | --- | --- | 7.5 | 7.3 | --- | --- | 7.3 | 7.3 |
| **31** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | --- | --- | 7.3 | 7.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | 7.7 | 7.3 | 8.7 | 7.1 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.3 | 7.3 | 7.4 | 7.2 | 8.0 | 7.2 | 8.4 | 7.3 | 8.5 | 7.8 | 9.0 | 8.3 |
| **2** | 7.3 | 7.3 | 7.4 | 7.3 | 7.9 | 7.2 | 8.3 | 7.5 | 8.9 | 7.2 | 8.8 | 8.1 |
| **3** | 7.4 | 7.3 | 7.7 | 7.4 | 7.5 | 6.8 | 8.6 | 7.6 | 8.9 | 7.2 | 8.8 | 7.8 |
| **4** | 7.4 | 7.3 | 7.5 | 7.4 | 8.2 | 6.7 | 8.0 | 7.6 | 8.1 | 7.2 | 9.0 | 7.9 |
| **5** | 7.4 | 7.3 | 7.6 | 7.4 | 8.8 | 7.4 | 8.1 | 7.6 | 7.5 | 7.2 | 8.5 | 7.6 |
| **6** | 8.1 | 7.4 | 7.5 | 7.4 | 7.6 | 6.7 | --- | --- | 7.5 | 7.3 | 8.7 | 7.6 |
| **7** | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 6.6 | --- | --- | 7.6 | 7.4 | 8.8 | 8.1 |
| **8** | 7.6 | 7.5 | 7.4 | 7.2 | 7.3 | 7.0 | 7.2 | 6.8 | 7.9 | 7.5 | 9.9 | 8.1 |
| **9** | 7.6 | 7.5 | 7.3 | 7.1 | 7.5 | 7.0 | 7.4 | 7.0 | 8.0 | 7.7 | 9.7 | 8.5 |
| **10** | 7.5 | 7.4 | 7.3 | 7.1 | 7.6 | 6.9 | 7.6 | 6.9 | 9.0 | 7.5 | --- | --- |
| **11** | 7.6 | 7.4 | 7.5 | 7.0 | 8.6 | 7.0 | 7.5 | 7.0 | 9.0 | 7.4 | --- | --- |
| **12** | 7.6 | 7.5 | 7.8 | 7.3 | 8.8 | 6.9 | 8.8 | 7.2 | 8.7 | 7.6 | --- | --- |
| **13** | 7.5 | 7.5 | 7.4 | 7.1 | 8.8 | 6.8 | 8.4 | 7.1 | 8.3 | 7.6 | --- | --- |
| **14** | 7.6 | 7.5 | 8.0 | 7.0 | 8.4 | 7.4 | 8.0 | 7.5 | 8.2 | 7.6 | --- | --- |
| **15** | 7.6 | 7.5 | 7.5 | 7.1 | 7.9 | 7.3 | 7.7 | 7.4 | 7.9 | 7.7 | --- | --- |
| **16** | 7.6 | 7.5 | 7.3 | 7.2 | 7.8 | 7.6 | 7.6 | 7.4 | 7.8 | 7.7 | --- | --- |
| **17** | 7.6 | 7.5 | 7.9 | 7.2 | 7.7 | 7.5 | 7.8 | 7.4 | 7.9 | 7.7 | --- | --- |
| **18** | 7.6 | 7.5 | 7.5 | 7.2 | 7.7 | 7.2 | 7.8 | 7.5 | 8.2 | 7.8 | --- | --- |
| **19** | 7.6 | 7.5 | 8.4 | 7.3 | 7.6 | 7.2 | 7.9 | 7.5 | 8.4 | 8.1 | --- | --- |
| **20** | 7.7 | 7.5 | 7.9 | 7.2 | 7.9 | 7.4 | 7.7 | 7.6 | 8.4 | 8.2 | --- | --- |
| **21** | 7.8 | 7.5 | 7.6 | 7.2 | 8.2 | 7.7 | 7.8 | 7.6 | 8.5 | 7.8 | --- | --- |
| **22** | 7.5 | 7.5 | 7.3 | 7.1 | 8.6 | 7.9 | 8.4 | 7.6 | 8.3 | 7.5 | --- | --- |
| **23** | 7.7 | 7.5 | 7.3 | 7.2 | 8.4 | 7.4 | 8.6 | 7.7 | 8.3 | 7.7 | --- | --- |
| **24** | 7.6 | 7.4 | 7.4 | 7.2 | 8.0 | 7.4 | 8.8 | 7.8 | 8.8 | 7.8 | --- | --- |
| **25** | 7.5 | 7.4 | 7.4 | 7.3 | 7.7 | 7.4 | 8.4 | 7.8 | 8.3 | 7.9 | --- | --- |
| **26** | 7.6 | 7.5 | 7.5 | 7.4 | 7.8 | 7.5 | 8.0 | 7.3 | 8.9 | 7.9 | --- | --- |
| **27** | 7.7 | 7.5 | 7.5 | 7.3 | 7.8 | 7.5 | 7.7 | 7.3 | 8.9 | 8.2 | --- | --- |
| **28** | 7.8 | 7.5 | 7.5 | 7.4 | 8.0 | 7.5 | 8.3 | 7.5 | 8.9 | 8.5 | --- | --- |
| **29** | 8.2 | 7.4 | 8.6 | 7.4 | 8.5 | 7.8 | 7.7 | 7.5 | 8.6 | 7.7 | --- | --- |
| **30** | 8.0 | 7.3 | 7.9 | 7.4 | 8.3 | 7.6 | 8.0 | 7.6 | 9.2 | 7.6 | --- | --- |
| **31** | --- | --- | 8.5 | 7.5 | --- | --- | 8.7 | 7.6 | 9.0 | 7.9 | --- | --- |
| **Month** | 8.2 | 7.3 | 8.6 | 7.0 | 8.8 | 6.6 | --- | --- | 9.2 | 7.2 | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.9 | 8.6 | 8.7 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.4 | 8.6 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.7 | 8.4 | 8.6 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.6 | 8.9 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.2 | 9.5 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 9.6 | 9.8 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.5 | 9.7 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 9.8 | 10.1 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.2 | 10.4 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.3 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.2 | 10.4 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.5 | 10.5 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.4 | 10.5 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.3 | 10.4 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.2 | 10.3 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 10.0 | 10.1 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.1 | 10.2 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.0 | 10.1 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 10.0 | 10.1 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.1 | 10.2 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 9.9 | 10.1 | 8.9 | 8.5 | 8.7 | 6.9 | 6.2 | 6.7 | --- | --- | --- |
| **2** | 10.0 | 9.9 | 10 | 9.0 | 8.5 | 8.8 | 6.5 | 6.1 | 6.3 | 6.8 | 6.0 | 6.3 |
| **3** | 10.0 | 9.9 | 10 | 8.9 | 8.6 | 8.8 | 6.6 | 6.1 | 6.4 | 7.0 | 6.4 | 6.9 |
| **4** | 10.0 | 9.7 | 9.8 | 9.1 | 8.8 | 9.0 | 7.1 | 6.2 | 6.7 | 7.1 | 6.8 | 6.9 |
| **5** | 10.2 | 9.5 | 9.7 | 9.6 | 8.6 | 9.1 | 7.0 | 6.7 | 6.9 | 7.0 | 6.4 | 6.8 |
| **6** | 9.6 | 9.4 | 9.5 | 9.4 | 8.6 | 8.9 | 8.3 | 6.8 | 7.3 | 6.7 | 6.4 | 6.6 |
| **7** | 9.5 | 9.1 | 9.4 | 9.0 | 8.6 | 8.7 | 7.7 | 7.2 | 7.4 | 6.6 | 6.1 | 6.4 |
| **8** | 9.5 | 9.1 | 9.2 | 9.8 | 7.9 | 8.8 | 8.2 | 7.7 | 7.9 | 6.3 | 5.8 | 6.1 |
| **9** | 10.2 | 9.3 | 9.8 | 9.0 | 7.9 | 8.5 | 8.4 | 7.9 | 8.0 | 6.9 | 5.5 | 6.1 |
| **10** | 9.7 | 9.4 | 9.5 | 8.8 | 7.4 | 8.2 | 8.0 | 7.2 | 7.7 | 6.7 | 5.5 | 6.1 |
| **11** | 9.6 | 9.4 | 9.5 | 8.3 | 7.3 | 7.9 | 8.2 | 7.2 | 7.6 | 7.7 | 5.2 | 6.1 |
| **12** | 9.5 | 9.3 | 9.4 | 8.0 | 7.6 | 7.9 | 8.2 | 7.7 | 7.9 | 8.7 | 6.5 | 7.3 |
| **13** | 9.8 | 9.2 | 9.5 | 8.3 | 7.8 | 8.1 | 7.8 | 7.6 | 7.7 | 7.4 | 5.6 | 6.5 |
| **14** | 10.0 | 9.7 | 9.9 | 8.3 | 8.0 | 8.2 | 8.3 | 7.7 | 7.9 | 8.5 | 4.9 | 6.7 |
| **15** | 10.2 | 9.9 | 10.1 | 9.9 | 7.8 | 8.5 | 8.5 | 8.0 | 8.3 | 7.3 | 5.0 | 6.4 |
| **16** | 10.4 | 10.1 | 10.2 | 9.3 | 7.6 | 8.2 | 8.6 | 8.1 | 8.3 | 6.4 | 5.4 | 5.9 |
| **17** | 10.3 | 10.1 | 10.2 | 7.9 | 7.1 | 7.4 | 8.2 | 7.9 | 8.1 | 8.8 | 5.8 | 6.8 |
| **18** | 10.6 | 10.0 | 10.3 | 7.4 | 6.6 | 7.0 | 8.4 | 7.9 | 8.2 | 7.4 | 6.3 | 6.7 |
| **19** | 10.2 | 9.9 | 10.0 | 7.1 | 6.4 | 6.7 | 8.5 | 8.0 | 8.2 | 10.3 | 6.5 | 7.7 |
| **20** | 9.9 | 9.6 | 9.9 | 7.0 | 6.4 | 6.7 | 8.6 | 7.8 | 8.2 | 8.4 | 5.7 | 7.3 |
| **21** | 9.7 | 9.4 | 9.6 | 7.1 | 6.7 | 6.9 | 8.8 | 7.7 | 8.4 | 8.0 | 6.0 | 6.9 |
| **22** | 10.1 | 9.2 | 9.6 | 7.1 | 6.7 | 6.8 | 7.9 | 7.6 | 7.7 | 6.5 | 5.3 | 5.9 |
| **23** | 10.0 | 9.4 | 9.8 | 7.0 | 6.4 | 6.7 | 8.3 | 7.6 | 8.0 | 6.2 | 5.8 | 6.0 |
| **24** | 9.8 | 9.3 | 9.5 | 7.0 | 6.5 | 6.8 | 8.0 | 7.4 | 7.6 | 6.6 | 5.8 | 6.2 |
| **25** | 9.4 | 8.6 | 9.2 | 6.9 | 6.6 | 6.8 | 8.0 | 7.3 | 7.7 | 7.8 | 6.0 | 6.5 |
| **26** | 9.4 | 9.0 | 9.2 | 6.9 | 6.4 | 6.7 | 8.2 | 7.6 | 7.9 | 7.5 | 6.3 | 6.6 |
| **27** | 9.3 | 8.9 | 9.1 | 6.8 | 6.4 | 6.6 | 7.9 | 7.7 | 7.8 | 7.0 | 6.2 | 6.6 |
| **28** | 9.1 | 8.7 | 8.9 | 6.8 | 6.5 | 6.6 | --- | --- | --- | 7.0 | 6.4 | 6.8 |
| **29** | --- | --- | --- | 7.0 | 6.5 | 6.8 | --- | --- | --- | 10.0 | 6.3 | 7.2 |
| **30** | --- | --- | --- | 7.1 | 6.9 | 7.0 | --- | --- | --- | 8.1 | 6.0 | 6.8 |
| **31** | --- | --- | --- | 7.2 | 6.9 | 7.1 | --- | --- | --- | 9.0 | 6.3 | 7.5 |
| **Month** | 10.6 | 8.6 | 9.7 | 9.9 | 6.4 | 7.7 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 8.0 | 4.8 | 6.4 | 8.1 | 5.2 | 7.0 | 9.3 | 2.0 | 5.8 | 8.8 | 6.8 | 7.6 |
| **2** | 7.4 | 5.2 | 6.5 | 8.0 | 5.7 | 6.6 | 9.2 | 4.4 | 6.1 | 8.4 | 6.9 | 7.6 |
| **3** | 6.8 | 3.9 | 5.6 | 8.8 | 5.7 | 7.0 | 10.1 | 4.5 | 7.2 | 8.8 | 5.1 | 6.9 |
| **4** | 7.6 | 2.7 | 5.2 | 7.2 | 5.9 | 6.5 | 7.7 | 2.6 | 6.5 | 9.5 | 5.9 | 7.3 |
| **5** | 11.2 | 5.4 | 7.2 | 7.4 | 6.0 | 6.6 | 4.9 | 0.6 | 3.0 | 7.9 | 3.4 | 5.6 |
| **6** | 6.0 | 1.9 | 4.0 | --- | --- | --- | 4.0 | 0.9 | 2.7 | 7.7 | 3.5 | 5.5 |
| **7** | 4.6 | 2.0 | 3.5 | --- | --- | --- | 5.5 | 1.4 | 3.6 | 7.6 | 5.3 | 6.3 |
| **8** | 4.9 | 3.9 | 4.5 | 5.5 | 4.3 | 5.0 | 8.1 | 2.0 | 4.0 | 11.6 | 4.9 | 8.0 |
| **9** | 6.2 | 4.7 | 5.1 | 7.0 | 4.9 | 5.9 | 9.3 | 4.1 | 5.6 | 11.5 | 6.9 | 8.8 |
| **10** | 6.9 | 3.6 | 5.1 | 8.0 | 5.5 | 6.8 | 10.2 | 3.2 | 6.0 | --- | --- | --- |
| **11** | 9.6 | 3.4 | 6.2 | 7.5 | 4.9 | 6.5 | 10.0 | 4.1 | 6.7 | --- | --- | --- |
| **12** | 9.5 | 2.8 | 5.3 | 12.5 | 4.0 | 7.6 | 8.4 | 4.9 | 7.1 | --- | --- | --- |
| **13** | 9.7 | 2.6 | 5.1 | 8.1 | 2.1 | 5.4 | 8.2 | 5.1 | 6.5 | --- | --- | --- |
| **14** | 7.1 | 5.0 | 5.8 | 6.7 | 4.9 | 5.7 | 8.1 | 3.9 | 5.7 | --- | --- | --- |
| **15** | 6.4 | 5.0 | 5.7 | 6.1 | 4.2 | 5.2 | 5.9 | 3.7 | 5.0 | --- | --- | --- |
| **16** | 6.4 | 5.4 | 6.0 | 5.5 | 4.2 | 4.6 | 4.8 | 3.1 | 4.3 | --- | --- | --- |
| **17** | 7.9 | 5.6 | 6.0 | 6.5 | 3.7 | 5.0 | 4.5 | 2.8 | 3.9 | --- | --- | --- |
| **18** | 8.0 | 4.7 | 6.0 | 5.5 | 2.6 | 4.1 | 6.0 | 4.1 | 5.0 | --- | --- | --- |
| **19** | 6.4 | 4.4 | 5.7 | 5.8 | 2.3 | 3.7 | --- | --- | --- | --- | --- | --- |
| **20** | 8.5 | 5.2 | 6.7 | 5.5 | 3.2 | 4.0 | --- | --- | --- | --- | --- | --- |
| **21** | 8.8 | 6.6 | 7.6 | 6.1 | 3.2 | 4.3 | --- | --- | --- | --- | --- | --- |
| **22** | 9.5 | 7.5 | 8.6 | 10.3 | 3.5 | 6.8 | 7.9 | 5.7 | 6.8 | --- | --- | --- |
| **23** | 8.5 | 5.9 | 7.1 | 10.0 | 4.2 | 6.4 | 8.0 | 6.1 | 6.8 | --- | --- | --- |
| **24** | 7.9 | 5.7 | 6.5 | 11.4 | 4.3 | 6.9 | 9.6 | 6.0 | 7.1 | --- | --- | --- |
| **25** | 6.5 | 5.0 | 5.8 | --- | --- | --- | 7.8 | 3.1 | 5.8 | --- | --- | --- |
| **26** | 7.3 | 4.8 | 6.0 | --- | --- | --- | 9.3 | 2.7 | 5.4 | --- | --- | --- |
| **27** | 7.6 | 5.1 | 6.1 | 6.7 | 4.8 | 5.7 | 8.4 | 3.0 | 5.4 | --- | --- | --- |
| **28** | 8.6 | 5.3 | 6.9 | 8.8 | 5.3 | 6.4 | --- | --- | --- | --- | --- | --- |
| **29** | 9.3 | 6.5 | 7.7 | 6.0 | 4.2 | 5.3 | 7.6 | 5.3 | 6.5 | --- | --- | --- |
| **30** | 8.7 | 6.9 | 7.6 | 8.3 | 3.8 | 5.7 | 10.0 | 5.1 | 6.9 | --- | --- | --- |
| **31** | --- | --- | --- | 10.4 | 3.2 | 5.9 | 8.6 | 5.7 | 7.1 | --- | --- | --- |
| **Month** | 11.2 | 1.9 | 6.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 5 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 45 | 47 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 46 | 48 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 48 | 46 | 47 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 47 | 50 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 55 | 51 | 52 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 74 | 51 | 61 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 55 | 85 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 140 | 120 | 130 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 130 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 120 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 110 | 75 | 87 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 75 | 67 | 71 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 63 | 66 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 63 | 55 | 58 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 53 | 55 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 54 | 49 | 51 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 49 | 51 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 50 | 52 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 49 | 51 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51 | 48 | 50 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 47 | 48 | 40 | 40 | 40 | 47 | 43 | 45 | 40 | 32 | 38 |
| **2** | 48 | 46 | 47 | 40 | 40 | 40 | 44 | 40 | 42 | 37 | 34 | 36 |
| **3** | 47 | 44 | 45 | 40 | 40 | 40 | 42 | 37 | 39 | 92 | 32 | 44 |
| **4** | 45 | 42 | 43 | 40 | 40 | 40 | 41 | 34 | 37 | 36 | 30 | 33 |
| **5** | 43 | 41 | 42 | 43 | 39 | 41 | 38 | 34 | 37 | 34 | 30 | 32 |
| **6** | 43 | 40 | 41 | 43 | 41 | 42 | 37 | 34 | 36 | 36 | 32 | 34 |
| **7** | 43 | 38 | 40 | 44 | 41 | 43 | 42 | 35 | 39 | 40 | 35 | 37 |
| **8** | 43 | 38 | 40 | 45 | 39 | 43 | 39 | 36 | 38 | 41 | 37 | 39 |
| **9** | 40 | 36 | 38 | 44 | 38 | 40 | 38 | 36 | 37 | 40 | 39 | 39 |
| **10** | 41 | 38 | 40 | 46 | 40 | 42 | 40 | 37 | 38 | 40 | 38 | 39 |
| **11** | 41 | 36 | 38 | 51 | 44 | 46 | 40 | 37 | 38 | 41 | 37 | 39 |
| **12** | 38 | 36 | 37 | 55 | 50 | 52 | 39 | 37 | 38 | 39 | 36 | 37 |
| **13** | 40 | 36 | 37 | 67 | 52 | 59 | 39 | 37 | 38 | 37 | 34 | 36 |
| **14** | 40 | 37 | 38 | 83 | 54 | 64 | 42 | 36 | 39 | 35 | 31 | 33 |
| **15** | 40 | 36 | 37 | 80 | 59 | 69 | 40 | 37 | 39 | 35 | 31 | 32 |
| **16** | 36 | 34 | 35 | 92 | 64 | 77 | 39 | 37 | 38 | 36 | 32 | 33 |
| **17** | 36 | 33 | 34 | 81 | 45 | 49 | 41 | 38 | 39 | 42 | 34 | 38 |
| **18** | 36 | 33 | 34 | 51 | 42 | 45 | 41 | 39 | 40 | 37 | 31 | 33 |
| **19** | 34 | 32 | 33 | 47 | 44 | 45 | 41 | 39 | 40 | 38 | 31 | 33 |
| **20** | 34 | 32 | 33 | 48 | 44 | 46 | 40 | 37 | 39 | 38 | 30 | 32 |
| **21** | 41 | 33 | 35 | 50 | 43 | 45 | 42 | 37 | 39 | 48 | 29 | 32 |
| **22** | 42 | 33 | 38 | 47 | 43 | 45 | 43 | 41 | 42 | 37 | 29 | 32 |
| **23** | 40 | 39 | 39 | 44 | 41 | 43 | 43 | 38 | 40 | 38 | 31 | 33 |
| **24** | 40 | 39 | 39 | 44 | 40 | 41 | 44 | 39 | 42 | 53 | 30 | 39 |
| **25** | 40 | 40 | 40 | 44 | 39 | 41 | 42 | 39 | 40 | 48 | 30 | 36 |
| **26** | 40 | 40 | 40 | 44 | 42 | 43 | 52 | 51 | 51 | 33 | 29 | 31 |
| **27** | 40 | 40 | 40 | 47 | 42 | 44 | 51 | 48 | 49 | 73 | 31 | 38 |
| **28** | 40 | 40 | 40 | 48 | 44 | 45 | 48 | 46 | 47 | 46 | 29 | 36 |
| **29** | --- | --- | --- | 49 | 45 | 47 | 46 | 43 | 44 | 42 | 26 | 28 |
| **30** | --- | --- | --- | 50 | 47 | 48 | 43 | 40 | 42 | 32 | 27 | 29 |
| **31** | --- | --- | --- | 49 | 45 | 47 | --- | --- | --- | 36 | 26 | 29 |
| **Month** | 50 | 32 | 39 | 92 | 38 | 47 | 52 | 34 | 40 | 92 | 26 | 35 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | --- | --- | --- | 24 | 16 | 19 | 16 | 8.5 | 11 | 11 | 5.8 | 7.5 |
| **2** | 34 | 24 | 28 | 22 | 16 | 19 | 16 | 8.5 | 14 | 9.4 | 6.1 | 7.7 |
| **3** | 32 | 25 | 27 | 22 | 16 | 19 | 16 | 11 | 13 | 17 | 7.7 | 10 |
| **4** | 36 | 25 | 29 | 21 | 16 | 19 | 14 | 9.5 | 11 | 14 | 5.9 | 9.9 |
| **5** | 27 | 24 | 26 | 18 | 16 | 17 | 19 | 10 | 14 | 15 | 5.7 | 9.1 |
| **6** | 41 | 24 | 30 | --- | --- | --- | 24 | 15 | 18 | 13 | 5.2 | 9.5 |
| **7** | 50 | 41 | 45 | --- | --- | --- | 27 | 13 | 18 | 11 | 5.8 | 8.3 |
| **8** | 45 | 33 | 37 | --- | --- | --- | 27 | 16 | 21 | 11 | 4.8 | 7.2 |
| **9** | 37 | 30 | 32 | --- | --- | --- | --- | --- | --- | 11 | 4.3 | 6.3 |
| **10** | 32 | 26 | 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 32 | 22 | 26 | --- | --- | --- | 13 | 6.7 | 9.2 | --- | --- | --- |
| **12** | 31 | 20 | 24 | --- | --- | --- | 13 | 6.7 | 8.1 | --- | --- | --- |
| **13** | 25 | 19 | 22 | --- | --- | --- | 11 | 6.2 | 8.3 | --- | --- | --- |
| **14** | 24 | 18 | 20 | 41 | 18 | 24 | 13 | 6.7 | 9.0 | --- | --- | --- |
| **15** | 20 | 17 | 18 | 22 | 18 | 19 | 20 | 8.4 | 14 | --- | --- | --- |
| **16** | 22 | 14 | 16 | 22 | 18 | 20 | 27 | 14 | 19 | --- | --- | --- |
| **17** | 18 | 14 | 16 | 24 | 18 | 21 | --- | --- | --- | --- | --- | --- |
| **18** | 21 | 16 | 18 | 27 | 19 | 21 | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | 26 | 20 | 22 | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | 30 | 20 | 24 | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | 36 | 27 | 29 | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | 10 | 7.8 | 8.8 | --- | --- | --- |
| **23** | 16 | 12 | 13 | --- | --- | --- | 13 | 7.8 | 9.2 | --- | --- | --- |
| **24** | 15 | 13 | 14 | --- | --- | --- | 16 | 6.0 | 9.1 | --- | --- | --- |
| **25** | 19 | 14 | 16 | --- | --- | --- | 19 | 9.0 | 15 | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | 29 | 18 | 23 | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | 28 | 16 | 19 | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | 26 | 18 | 20 | 12 | 5.1 | 8.1 | --- | --- | --- |
| **30** | 20 | 17 | 18 | 24 | 16 | 19 | 13 | 3.8 | 6.9 | --- | --- | --- |
| **31** | --- | --- | --- | 25 | 10 | 15 | 9.9 | 4.0 | 6.1 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

NEPHELOMETRIC UNITS (FNU)

| **TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 7 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.1 | 13.8 | 14.4 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.6 | 14.5 | 15.0 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.8 | 14.8 | 15.2 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 13.3 | 14.1 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.3 | 11.4 | 12.4 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.5 | 10.6 | 10.9 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.3 | 10.2 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.3 | 8.7 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.3 | 8.5 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.1 | 8.7 | 8.8 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 8.7 | 9.3 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.8 | 9.1 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.9 | 9.2 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 8.8 | 9.4 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.7 | 9.5 | 10.1 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.9 | 9.6 | 10.4 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.8 | 9.9 | 10.3 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 9.5 | 9.9 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 9.6 | 9.9 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 9.5 | 9.9 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.3 | 9.5 | 9.9 | 16.5 | 15.1 | 15.7 | 22.9 | 22.4 | 22.6 | 23.1 | 21.9 | 22.3 |
| **2** | 10.2 | 9.5 | 9.9 | 16.3 | 14.8 | 15.5 | 23.0 | 22.2 | 22.7 | 23.6 | 21.8 | 22.5 |
| **3** | 10.1 | 9.1 | 9.5 | 16.1 | 15.1 | 15.5 | 23.8 | 22.7 | 23.1 | 23.8 | 22.3 | 23.0 |
| **4** | 10.6 | 9.3 | 9.7 | 15.6 | 14.7 | 15.1 | 23.6 | 22.2 | 23.1 | 24.5 | 23.3 | 24.0 |
| **5** | 11.5 | 9.7 | 10.2 | 16.2 | 14.2 | 14.9 | 23.0 | 21.4 | 22.1 | 25.2 | 24.3 | 24.7 |
| **6** | 11.2 | 9.7 | 10.4 | 16.3 | 14.4 | 15.2 | 24.2 | 21.1 | 22.1 | 25.2 | 24.6 | 24.9 |
| **7** | 11.6 | 10.1 | 10.8 | 16.2 | 14.6 | 15.4 | 22.1 | 18.7 | 19.9 | 25.8 | 24.7 | 25.2 |
| **8** | 11.7 | 10.5 | 11.0 | 17.6 | 15.1 | 15.7 | 19.6 | 18.1 | 18.7 | 26.3 | 24.8 | 25.4 |
| **9** | 13.3 | 11.2 | 12.4 | 17.4 | 15.2 | 16.3 | 19.3 | 18.1 | 18.7 | 26.5 | 24.9 | 25.6 |
| **10** | 11.5 | 10.7 | 10.9 | 17.2 | 15.8 | 16.3 | 19.8 | 18.5 | 19.0 | 25.9 | 24.9 | 25.6 |
| **11** | 11.1 | 10.7 | 10.9 | 17.5 | 15.8 | 16.5 | 21.3 | 18.8 | 19.8 | 27.0 | 24.5 | 25.5 |
| **12** | 11.9 | 11.1 | 11.6 | 17.0 | 16.1 | 16.5 | 21.0 | 19.9 | 20.3 | 28.0 | 26.1 | 26.6 |
| **13** | 11.9 | 11.1 | 11.6 | 17.9 | 16.9 | 17.4 | 20.4 | 19.8 | 20.1 | 27.3 | 25.9 | 26.6 |
| **14** | 11.1 | 10.2 | 10.7 | 18.1 | 17.7 | 17.8 | 20.3 | 18.8 | 19.8 | 27.4 | 26.0 | 26.7 |
| **15** | 10.7 | 9.7 | 10.2 | 20.8 | 17.7 | 18.9 | 20.2 | 18.1 | 19.1 | 27.9 | 26.1 | 27.1 |
| **16** | 11.3 | 9.3 | 10.0 | 20.8 | 19.0 | 19.8 | 20.3 | 19.1 | 19.6 | 27.2 | 26.2 | 26.6 |
| **17** | 10.9 | 9.6 | 10.2 | 19.5 | 18.5 | 18.9 | 19.3 | 18.7 | 19.0 | 26.6 | 25.0 | 25.7 |
| **18** | 12.6 | 9.5 | 10.4 | 19.0 | 18.5 | 18.8 | 19.7 | 18.7 | 19.2 | 27.0 | 24.4 | 25.5 |
| **19** | 11.2 | 9.9 | 10.6 | 19.4 | 18.5 | 18.8 | 20.2 | 19.0 | 19.4 | 27.6 | 24.2 | 25.8 |
| **20** | 11.3 | 10.5 | 11.0 | 20.1 | 18.7 | 19.3 | 20.9 | 19.1 | 19.8 | 26.8 | 24.9 | 25.9 |
| **21** | 11.5 | 11.0 | 11.2 | 20.4 | 19.4 | 19.8 | 21.2 | 19.5 | 20.5 | 26.1 | 24.8 | 25.4 |
| **22** | 12.3 | 10.9 | 11.4 | 20.9 | 19.6 | 20.1 | 21.2 | 19.5 | 20.3 | 25.7 | 23.9 | 24.9 |
| **23** | 13.1 | 11.5 | 12.2 | 21.2 | 19.8 | 20.4 | 21.6 | 20.3 | 21.1 | 26.2 | 24.9 | 25.4 |
| **24** | 13.5 | 12.3 | 12.8 | 21.3 | 20.2 | 20.8 | 21.3 | 20.6 | 21.0 | 26.4 | 25.1 | 25.7 |
| **25** | 15.2 | 13.2 | 13.8 | 21.5 | 20.8 | 21.1 | 21.2 | 20.5 | 20.9 | 26.2 | 25.3 | 25.8 |
| **26** | 14.7 | 13.5 | 13.9 | 21.5 | 20.8 | 21.1 | 23.1 | 20.5 | 21.7 | 25.7 | 25.1 | 25.4 |
| **27** | 15.1 | 13.8 | 14.3 | 22.3 | 20.9 | 21.5 | 22.8 | 21.8 | 22.4 | 25.8 | 24.9 | 25.3 |
| **28** | 15.5 | 14.4 | 15.0 | 22.7 | 21.6 | 22.0 | 22.9 | 21.8 | 22.3 | 25.3 | 24.8 | 25.0 |
| **29** | --- | --- | --- | 23.1 | 21.8 | 22.4 | 24.2 | 21.8 | 22.5 | 27.8 | 24.7 | 25.3 |
| **30** | --- | --- | --- | 22.9 | 22.1 | 22.5 | 24.9 | 22.1 | 23.1 | 26.9 | 25.0 | 25.9 |
| **31** | --- | --- | --- | 22.6 | 21.9 | 22.3 | --- | --- | --- | 27.0 | 25.4 | 26.5 |
| **Month** | 15.5 | 9.1 | 11.3 | 23.1 | 14.2 | 18.5 | 24.9 | 18.1 | 20.8 | 28.0 | 21.8 | 25.3 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 27.1 | 25.4 | 26.3 | 29.0 | 28.7 | 28.9 | 30.9 | 28.2 | 29.1 | 30.9 | 30.0 | 30.4 |
| **2** | 27.4 | 25.5 | 26.6 | 28.9 | 28.1 | 28.5 | 32.9 | 29.0 | 29.4 | 30.1 | 29.3 | 29.7 |
| **3** | 26.7 | 25.4 | 26.1 | 29.1 | 28.0 | 28.5 | 31.0 | 28.9 | 29.7 | 30.0 | 29.3 | 29.6 |
| **4** | 28.4 | 25.0 | 26.3 | 28.3 | 27.8 | 28.0 | 31.0 | 29.2 | 30.3 | 30.7 | 29.0 | 29.5 |
| **5** | 31.5 | 26.8 | 28.0 | 28.2 | 27.2 | 27.8 | 30.3 | 28.7 | 29.5 | 29.7 | 29.1 | 29.4 |
| **6** | 28.0 | 26.0 | 26.7 | --- | --- | --- | 30.1 | 28.8 | 29.5 | 29.6 | 28.9 | 29.2 |
| **7** | 27.3 | 25.9 | 26.5 | --- | --- | --- | 30.3 | 29.6 | 29.9 | 29.5 | 29.0 | 29.2 |
| **8** | 28.5 | 27.1 | 27.6 | 27.7 | 27.0 | 27.3 | 30.6 | 29.2 | 29.7 | 30.8 | 28.9 | 29.7 |
| **9** | 28.5 | 27.3 | 28.1 | 27.9 | 27.1 | 27.6 | 31.0 | 29.5 | 30.4 | 30.5 | 29.4 | 29.8 |
| **10** | 29.2 | 27.7 | 28.4 | 28.4 | 27.6 | 28.0 | 31.9 | 30.0 | 30.8 | --- | --- | --- |
| **11** | 29.9 | 27.9 | 28.7 | 28.8 | 27.5 | 28.3 | 32.8 | 30.5 | 31.2 | --- | --- | --- |
| **12** | 30.6 | 27.8 | 29.0 | 29.9 | 28.1 | 28.9 | 33.3 | 30.8 | 32.5 | --- | --- | --- |
| **13** | 30.9 | 28.4 | 29.1 | 29.9 | 28.1 | 29.0 | 34.7 | 32.2 | 33.0 | --- | --- | --- |
| **14** | 30.1 | 28.9 | 29.5 | 29.3 | 28.7 | 29.0 | 34.6 | 32.4 | 33.4 | --- | --- | --- |
| **15** | 29.4 | 28.6 | 29.1 | 29.0 | 28.5 | 28.8 | 36.2 | 32.1 | 33.0 | --- | --- | --- |
| **16** | 28.9 | 27.9 | 28.5 | 29.2 | 27.9 | 28.6 | 32.1 | 29.6 | 30.9 | --- | --- | --- |
| **17** | 28.4 | 27.8 | 28.0 | 29.4 | 28.1 | 28.8 | 30.8 | 29.8 | 30.3 | --- | --- | --- |
| **18** | 28.4 | 27.6 | 28.1 | 29.2 | 28.6 | 28.9 | 31.2 | 29.7 | 30.2 | --- | --- | --- |
| **19** | 28.8 | 28.3 | 28.5 | 29.3 | 28.4 | 28.7 | 31.1 | 29.8 | 30.2 | --- | --- | --- |
| **20** | 29.5 | 28.3 | 28.8 | 28.9 | 28.0 | 28.4 | 31.0 | 29.7 | 30.3 | --- | --- | --- |
| **21** | 29.4 | 28.8 | 29.0 | 28.3 | 28.0 | 28.2 | 31.2 | 30.0 | 30.5 | --- | --- | --- |
| **22** | 29.6 | 28.9 | 29.2 | 31.2 | 27.9 | 29.7 | 31.0 | 29.8 | 30.3 | --- | --- | --- |
| **23** | 29.7 | 28.7 | 29.1 | 32.0 | 29.2 | 30.4 | 31.0 | 30.0 | 30.4 | --- | --- | --- |
| **24** | 29.7 | 28.2 | 28.8 | 32.2 | 29.3 | 30.2 | 32.6 | 30.2 | 31.0 | --- | --- | --- |
| **25** | 29.3 | 28.3 | 28.7 | 30.8 | 28.7 | 29.8 | 31.4 | 30.4 | 30.8 | --- | --- | --- |
| **26** | 29.1 | 28.4 | 28.8 | 29.7 | 28.7 | 29.3 | 31.8 | 30.2 | 30.8 | --- | --- | --- |
| **27** | 29.3 | 28.4 | 28.8 | 28.8 | 27.7 | 28.4 | 32.4 | 30.5 | 31.2 | --- | --- | --- |
| **28** | 29.7 | 28.3 | 28.9 | 28.9 | 27.7 | 28.2 | 31.6 | 30.6 | 31.1 | --- | --- | --- |
| **29** | 29.4 | 28.5 | 28.9 | 28.5 | 28.0 | 28.2 | 31.0 | 30.4 | 30.7 | --- | --- | --- |
| **30** | 29.4 | 28.6 | 29.0 | 29.0 | 28.2 | 28.5 | 31.2 | 29.9 | 30.4 | --- | --- | --- |
| **31** | --- | --- | --- | 29.5 | 28.0 | 28.8 | 31.5 | 30.5 | 30.8 | --- | --- | --- |
| **Month** | 31.5 | 25.0 | 28.2 | --- | --- | --- | 36.2 | 28.2 | 30.7 | --- | --- | --- |

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MEAN TEMPERATURE, WATER, DEGREES CELSIUS

| **SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 7 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 190 | 163 | 176 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 174 | 162 | 168 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 166 | 175 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 180 | 160 | 174 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 186 | 160 | 173 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 184 | 172 | 176 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 175 | 153 | 165 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 136 | 141 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 136 | 140 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 146 | 140 | 142 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 159 | 142 | 146 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 167 | 140 | 157 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 151 | 162 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 165 | 147 | 158 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 156 | 150 | 154 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 155 | 151 | 154 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 153 | 142 | 148 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 144 | 138 | 141 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 147 | 139 | 142 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 152 | 147 | 149 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 153 | 133 | 141 | 149 | 143 | 147 | 166 | 146 | 156 | 182 | 172 | 178 |
| **2** | 144 | 141 | 142 | 151 | 148 | 149 | 170 | 163 | 166 | 178 | 172 | 175 |
| **3** | 143 | 136 | 141 | 152 | 150 | 151 | 172 | 164 | 169 | 179 | 168 | 176 |
| **4** | 143 | 134 | 136 | 154 | 150 | 152 | 172 | 170 | 171 | 189 | 178 | 183 |
| **5** | 139 | 132 | 133 | 156 | 152 | 154 | 173 | 168 | 171 | 203 | 187 | 191 |
| **6** | 137 | 133 | 135 | 158 | 151 | 153 | 171 | 168 | 169 | 205 | 199 | 202 |
| **7** | 137 | 135 | 136 | 155 | 151 | 153 | 171 | 168 | 169 | 199 | 180 | 191 |
| **8** | 137 | 135 | 136 | 155 | 152 | 154 | 169 | 168 | 169 | 186 | 177 | 181 |
| **9** | 137 | 134 | 135 | 157 | 155 | 156 | 171 | 169 | 170 | 177 | 160 | 167 |
| **10** | 139 | 137 | 138 | 161 | 157 | 158 | 169 | 167 | 168 | 166 | 162 | 165 |
| **11** | 140 | 138 | 139 | 160 | 155 | 158 | 169 | 165 | 167 | 165 | 154 | 159 |
| **12** | 138 | 137 | 138 | 159 | 156 | 158 | 168 | 165 | 166 | 160 | 151 | 155 |
| **13** | 142 | 138 | 139 | 160 | 157 | 159 | 169 | 166 | 168 | 154 | 151 | 152 |
| **14** | 143 | 140 | 142 | 163 | 158 | 160 | 168 | 166 | 167 | 156 | 153 | 154 |
| **15** | 143 | 140 | 142 | 247 | 161 | 194 | 170 | 166 | 167 | 156 | 152 | 154 |
| **16** | 145 | 142 | 144 | 247 | 195 | 220 | 169 | 167 | 168 | 155 | 152 | 154 |
| **17** | 144 | 143 | 144 | 204 | 185 | 193 | 169 | 168 | 168 | 156 | 154 | 155 |
| **18** | 145 | 143 | 144 | 195 | 155 | 175 | 169 | 167 | 168 | 157 | 155 | 156 |
| **19** | 146 | 144 | 145 | 166 | 152 | 160 | 174 | 167 | 168 | 159 | 157 | 158 |
| **20** | 145 | 142 | 144 | 162 | 150 | 155 | 170 | 167 | 168 | 160 | 158 | 159 |
| **21** | 147 | 144 | 145 | 152 | 141 | 147 | 168 | 168 | 168 | 162 | 160 | 161 |
| **22** | 147 | 138 | 143 | 145 | 140 | 142 | 169 | 168 | 169 | 162 | 159 | 160 |
| **23** | 143 | 139 | 141 | 146 | 143 | 144 | 170 | 169 | 169 | 166 | 161 | 164 |
| **24** | 145 | 141 | 142 | 146 | 143 | 144 | 171 | 170 | 170 | 166 | 162 | 165 |
| **25** | 145 | 141 | 144 | 150 | 144 | 146 | 172 | 167 | 169 | 167 | 163 | 165 |
| **26** | 145 | 143 | 144 | 146 | 143 | 144 | 171 | 167 | 168 | 166 | 163 | 164 |
| **27** | 146 | 142 | 145 | 145 | 143 | 144 | 171 | 169 | 170 | 165 | 160 | 163 |
| **28** | 147 | 145 | 146 | 144 | 139 | 142 | 175 | 170 | 172 | 166 | 161 | 163 |
| **29** | --- | --- | --- | 144 | 142 | 143 | 180 | 173 | 176 | 192 | 165 | 174 |
| **30** | --- | --- | --- | 142 | 140 | 141 | 186 | 177 | 183 | 184 | 172 | 179 |
| **31** | --- | --- | --- | 153 | 140 | 142 | --- | --- | --- | 184 | 179 | 182 |
| **Month** | 153 | 132 | 141 | 247 | 139 | 156 | 186 | 146 | 169 | 205 | 151 | 168 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 183 | 161 | 174 | 185 | 183 | 184 | 140 | 134 | 137 | 167 | 165 | 166 |
| **2** | 172 | 165 | 170 | 185 | 182 | 183 | 137 | 133 | 135 | 167 | 162 | 164 |
| **3** | 172 | 146 | 165 | 186 | 182 | 184 | 136 | 131 | 133 | 175 | 165 | 170 |
| **4** | 167 | 146 | 158 | 183 | 182 | 183 | 141 | 133 | 137 | 177 | 173 | 175 |
| **5** | 164 | 158 | 161 | 183 | 180 | 182 | 142 | 138 | 140 | 179 | 175 | 176 |
| **6** | 163 | 154 | 157 | --- | --- | --- | 143 | 138 | 141 | 178 | 174 | 176 |
| **7** | 159 | 156 | 158 | --- | --- | --- | 143 | 140 | 141 | 186 | 175 | 181 |
| **8** | 160 | 158 | 159 | 182 | 177 | 179 | 146 | 140 | 143 | 194 | 185 | 186 |
| **9** | 159 | 158 | 159 | 179 | 168 | 174 | 145 | 141 | 143 | 190 | 186 | 187 |
| **10** | 160 | 155 | 157 | 173 | 169 | 171 | 146 | 142 | 144 | --- | --- | --- |
| **11** | 158 | 155 | 156 | 172 | 167 | 170 | 148 | 143 | 145 | --- | --- | --- |
| **12** | 158 | 154 | 156 | 173 | 166 | 168 | 150 | 138 | 146 | --- | --- | --- |
| **13** | 161 | 155 | 157 | 170 | 151 | 163 | 151 | 144 | 148 | --- | --- | --- |
| **14** | 164 | 157 | 159 | 160 | 147 | 157 | 157 | 147 | 150 | --- | --- | --- |
| **15** | 159 | 157 | 158 | 164 | 159 | 160 | 160 | 151 | 156 | --- | --- | --- |
| **16** | 161 | 158 | 159 | 164 | 156 | 158 | 152 | 142 | 148 | --- | --- | --- |
| **17** | 160 | 158 | 159 | 172 | 156 | 159 | 150 | 141 | 147 | --- | --- | --- |
| **18** | 166 | 159 | 161 | 160 | 156 | 158 | 151 | 146 | 148 | --- | --- | --- |
| **19** | 164 | 160 | 162 | 161 | 158 | 159 | 150 | 148 | 149 | --- | --- | --- |
| **20** | 169 | 162 | 165 | 159 | 155 | 157 | 152 | 147 | 149 | --- | --- | --- |
| **21** | 173 | 164 | 170 | 158 | 143 | 152 | 150 | 147 | 148 | --- | --- | --- |
| **22** | 177 | 170 | 174 | 148 | 135 | 142 | 152 | 147 | 149 | --- | --- | --- |
| **23** | 181 | 174 | 178 | 136 | 125 | 130 | 156 | 150 | 153 | --- | --- | --- |
| **24** | 181 | 173 | 177 | 133 | 124 | 127 | 161 | 156 | 158 | --- | --- | --- |
| **25** | 183 | 173 | 177 | 131 | 126 | 129 | 161 | 157 | 159 | --- | --- | --- |
| **26** | 185 | 176 | 181 | 137 | 128 | 132 | 168 | 161 | 164 | --- | --- | --- |
| **27** | 188 | 181 | 183 | 138 | 133 | 136 | 168 | 163 | 165 | --- | --- | --- |
| **28** | 187 | 182 | 185 | 139 | 133 | 135 | 169 | 162 | 165 | --- | --- | --- |
| **29** | 186 | 179 | 182 | 142 | 133 | 135 | 167 | 163 | 164 | --- | --- | --- |
| **30** | 184 | 180 | 182 | 136 | 133 | 134 | 172 | 164 | 167 | --- | --- | --- |
| **31** | --- | --- | --- | 140 | 133 | 135 | 171 | 166 | 169 | --- | --- | --- |
| **Month** | 188 | 146 | 167 | --- | --- | --- | 172 | 131 | 150 | --- | --- | --- |

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200

220

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 = 7 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** |
|  | **October** | | **November** | | **December** | | **January** | | **February** | | **March** | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.4 |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.3 |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.5 | 7.4 |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.2 | 7.6 | 7.3 |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.5 | 7.3 |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.4 | 7.3 |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.2 | 7.7 | 7.2 |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | 7.5 | 7.2 | 7.5 | 7.2 |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | 7.3 | 7.3 | 7.4 | 7.2 |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.4 | 7.2 |
| **12** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 |
| **13** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.3 | 7.4 | 7.3 |
| **14** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.4 | 8.7 | 7.4 |
| **15** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.6 | 7.5 | 8.6 | 7.4 |
| **16** | --- | --- | --- | --- | --- | --- | 7.7 | 7.6 | 7.6 | 7.5 | 8.5 | 7.5 |
| **17** | --- | --- | --- | --- | --- | --- | 7.7 | 7.6 | 7.6 | 7.5 | 7.6 | 7.4 |
| **18** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.6 | 7.5 | 7.5 | 7.2 |
| **19** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | 7.6 | 7.5 | 7.3 | 7.2 |
| **20** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.5 | 7.5 | 7.2 | 7.2 |
| **21** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.4 | 7.2 | 7.1 |
| **22** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.1 |
| **23** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| **24** | --- | --- | --- | --- | --- | --- | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 |
| **25** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **26** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.5 | 7.3 | 7.2 | 7.2 |
| **27** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| **28** | --- | --- | --- | --- | --- | --- | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 |
| **29** | --- | --- | --- | --- | --- | --- | 7.4 | 7.3 | --- | --- | 7.3 | 7.2 |
| **30** | --- | --- | --- | --- | --- | --- | 7.5 | 7.4 | --- | --- | 7.3 | 7.3 |
| **31** | --- | --- | --- | --- | --- | --- | 7.6 | 7.4 | --- | --- | 7.4 | 7.3 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | 7.6 | 7.2 | 8.7 | 7.1 |
|  | **April** | | **May** | | **June** | | **July** | | **August** | | **September** | |
| **1** | 7.3 | 7.3 | 7.4 | 7.2 | 7.8 | 7.0 | 8.0 | 7.3 | 8.5 | 7.7 | 8.9 | 8.3 |
| **2** | 7.3 | 7.3 | 7.4 | 7.3 | 7.8 | 7.1 | 8.2 | 7.5 | 8.7 | 7.1 | 8.7 | 8.1 |
| **3** | 7.3 | 7.2 | 7.7 | 7.3 | 7.4 | 6.7 | 8.3 | 7.5 | 8.7 | 7.1 | 8.7 | 7.8 |
| **4** | 7.4 | 7.2 | 7.5 | 7.4 | 8.1 | 6.7 | 8.0 | 7.6 | 8.0 | 7.2 | 9.0 | 7.8 |
| **5** | 7.4 | 7.4 | 7.5 | 7.4 | 8.9 | 7.1 | 8.1 | 7.6 | 7.5 | 7.2 | 8.2 | 7.6 |
| **6** | 8.2 | 7.4 | 7.5 | 7.4 | 7.5 | 6.7 | --- | --- | 7.5 | 7.3 | 8.3 | 7.6 |
| **7** | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 6.6 | --- | --- | 7.6 | 7.4 | 8.4 | 8.1 |
| **8** | 7.6 | 7.5 | 7.4 | 7.2 | 7.3 | 6.9 | 7.2 | 6.8 | 7.9 | 7.5 | 9.9 | 8.0 |
| **9** | 7.6 | 7.5 | 7.2 | 7.0 | 7.7 | 7.0 | 7.4 | 6.9 | 8.0 | 7.6 | 9.6 | 8.4 |
| **10** | 7.5 | 7.4 | 7.3 | 7.0 | 7.3 | 6.9 | 7.6 | 6.9 | 8.8 | 7.3 | --- | --- |
| **11** | 7.6 | 7.4 | 7.3 | 7.0 | 8.1 | 6.9 | 7.4 | 7.0 | 8.7 | 7.3 | --- | --- |
| **12** | 7.6 | 7.5 | 7.6 | 7.1 | 8.1 | 6.8 | 8.2 | 7.1 | 8.6 | 7.4 | --- | --- |
| **13** | 7.5 | 7.5 | 7.3 | 7.1 | 8.5 | 6.8 | 8.2 | 7.0 | 8.3 | 7.6 | --- | --- |
| **14** | 7.6 | 7.5 | 7.6 | 7.0 | 8.1 | 7.3 | 7.8 | 7.3 | 8.1 | 7.6 | --- | --- |
| **15** | 7.6 | 7.5 | 7.4 | 7.0 | 7.9 | 7.4 | 7.7 | 7.3 | 7.9 | 7.6 | --- | --- |
| **16** | 7.6 | 7.5 | 7.3 | 7.0 | 7.7 | 7.6 | 7.5 | 7.4 | 7.8 | 7.7 | --- | --- |
| **17** | 7.6 | 7.5 | 7.9 | 7.2 | 7.7 | 7.5 | 7.8 | 7.4 | 7.9 | 7.7 | --- | --- |
| **18** | 7.6 | 7.5 | 7.4 | 7.2 | 7.7 | 7.2 | 7.6 | 7.5 | 8.2 | 7.8 | --- | --- |
| **19** | 7.6 | 7.5 | 8.3 | 7.2 | 7.6 | 7.1 | 7.9 | 7.5 | 8.4 | 8.1 | --- | --- |
| **20** | 7.6 | 7.5 | 7.7 | 7.1 | 7.8 | 7.4 | 7.7 | 7.6 | 8.4 | 8.2 | --- | --- |
| **21** | 7.7 | 7.5 | 7.6 | 7.1 | 8.2 | 7.6 | 7.7 | 7.6 | 8.5 | 7.6 | --- | --- |
| **22** | 7.5 | 7.5 | 7.3 | 7.1 | 8.3 | 7.2 | 8.4 | 7.6 | 8.3 | 7.5 | --- | --- |
| **23** | 7.6 | 7.4 | 7.3 | 7.2 | 8.5 | 7.2 | 8.5 | 7.6 | 8.2 | 7.6 | --- | --- |
| **24** | 7.5 | 7.4 | 7.3 | 7.2 | 7.9 | 7.4 | 8.7 | 7.7 | 8.7 | 7.7 | --- | --- |
| **25** | 7.5 | 7.4 | 7.4 | 7.2 | 7.7 | 7.4 | 8.2 | 7.7 | 8.3 | 7.8 | --- | --- |
| **26** | 7.6 | 7.5 | 7.5 | 7.3 | 7.8 | 7.5 | 8.0 | 7.1 | 8.7 | 7.9 | --- | --- |
| **27** | 7.6 | 7.4 | 7.5 | 7.3 | 7.7 | 7.4 | 7.7 | 7.3 | 8.9 | 8.2 | --- | --- |
| **28** | 7.6 | 7.4 | 7.5 | 7.4 | 8.0 | 7.5 | 8.0 | 7.5 | 8.8 | 7.8 | --- | --- |
| **29** | 7.8 | 7.3 | 8.5 | 7.3 | 8.4 | 7.6 | 7.6 | 7.4 | 8.3 | 7.7 | --- | --- |
| **30** | 7.9 | 7.2 | 7.8 | 7.3 | 8.5 | 7.5 | 7.8 | 7.6 | 8.9 | 7.6 | --- | --- |
| **31** | --- | --- | 8.1 | 7.2 | --- | --- | 8.4 | 7.5 | 8.9 | 7.7 | --- | --- |
| **Month** | 8.2 | 7.2 | 8.5 | 7.0 | 8.9 | 6.6 | --- | --- | 8.9 | 7.1 | --- | --- |

| **DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 7 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.6 | 8.7 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.4 | 8.6 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.6 | 8.3 | 8.5 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.5 | 8.9 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.2 | 9.5 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 9.6 | 9.7 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 9.6 | 9.7 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 9.8 | 10.1 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.2 | 10.4 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.2 | 10.3 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.1 | 10.4 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.5 | 10.5 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 10.3 | 10.5 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.3 | 10.4 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.4 | 10.0 | 10.2 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.0 | 10.1 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.2 | 10.1 | 10.2 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.1 | 10.0 | 10.1 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 9.9 | 10.1 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.5 | 10.1 | 10.2 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 10.4 | 9.9 | 10.1 | 8.9 | 8.5 | 8.8 | 6.9 | 6.2 | 6.6 | --- | --- | --- |
| **2** | 10.0 | 9.9 | 10 | 9.0 | 8.6 | 8.8 | 6.4 | 6.1 | 6.3 | 6.7 | 5.8 | 6.1 |
| **3** | 10.0 | 9.9 | 10 | 8.9 | 8.6 | 8.8 | 6.4 | 5.7 | 6.2 | 7.0 | 6.2 | 6.8 |
| **4** | 9.9 | 9.6 | 9.7 | 9.1 | 8.8 | 9.0 | 7.0 | 5.7 | 6.6 | 7.0 | 6.6 | 6.8 |
| **5** | 9.9 | 9.3 | 9.6 | 9.3 | 8.5 | 9.0 | 7.0 | 6.7 | 6.9 | 7.0 | 6.4 | 6.8 |
| **6** | 9.6 | 9.3 | 9.5 | 9.2 | 8.4 | 8.8 | 8.4 | 6.7 | 7.3 | 6.7 | 6.3 | 6.5 |
| **7** | 9.5 | 9.0 | 9.3 | 8.9 | 8.5 | 8.7 | 7.7 | 7.1 | 7.4 | 6.5 | 6.0 | 6.4 |
| **8** | 9.2 | 8.7 | 8.9 | 9.6 | 7.8 | 8.5 | 8.2 | 7.6 | 7.9 | 6.3 | 5.7 | 6.0 |
| **9** | 10.2 | 9.0 | 9.8 | 8.9 | 7.7 | 8.3 | 8.3 | 7.8 | 8.0 | 6.3 | 4.6 | 5.7 |
| **10** | 9.7 | 9.4 | 9.5 | 8.3 | 7.2 | 7.9 | 7.9 | 7.2 | 7.6 | 6.6 | 5.0 | 5.8 |
| **11** | 9.5 | 9.4 | 9.5 | 8.3 | 7.2 | 7.8 | 8.1 | 7.2 | 7.5 | 6.9 | 5.0 | 5.9 |
| **12** | 9.5 | 9.3 | 9.4 | 8.0 | 7.7 | 7.8 | 8.2 | 7.7 | 7.9 | 8.1 | 6.1 | 6.8 |
| **13** | 9.8 | 9.2 | 9.5 | 8.1 | 7.7 | 7.9 | 7.8 | 7.6 | 7.7 | 7.0 | 5.2 | 6.2 |
| **14** | 10.0 | 9.7 | 9.9 | 8.3 | 8.0 | 8.2 | 8.2 | 7.6 | 7.9 | 7.3 | 4.4 | 5.6 |
| **15** | 10.2 | 9.9 | 10.1 | 9.7 | 7.8 | 8.4 | 8.5 | 7.9 | 8.2 | 7.0 | 4.6 | 5.9 |
| **16** | 10.3 | 10.1 | 10.2 | 9.1 | 7.4 | 8.1 | 8.5 | 8.0 | 8.2 | 6.4 | 4.7 | 5.8 |
| **17** | 10.3 | 10.1 | 10.2 | 7.8 | 7.1 | 7.4 | 8.2 | 7.9 | 8.1 | 8.8 | 5.7 | 6.8 |
| **18** | 10.5 | 10.0 | 10.2 | 7.2 | 6.6 | 6.9 | 8.4 | 7.9 | 8.2 | 7.3 | 6.2 | 6.6 |
| **19** | 10.1 | 9.8 | 9.9 | 7.1 | 6.4 | 6.7 | 8.4 | 7.9 | 8.2 | 9.8 | 6.2 | 7.5 |
| **20** | 9.9 | 9.6 | 9.7 | 7.0 | 6.5 | 6.7 | 8.3 | 7.6 | 8.0 | 8.2 | 4.8 | 6.6 |
| **21** | 9.6 | 9.2 | 9.5 | 7.0 | 6.7 | 6.9 | 8.8 | 7.6 | 8.2 | 7.8 | 5.3 | 6.8 |
| **22** | 10.0 | 9.2 | 9.6 | 7.0 | 6.6 | 6.8 | 7.9 | 7.6 | 7.7 | 6.5 | 5.2 | 5.7 |
| **23** | 10.0 | 9.5 | 9.8 | 7.0 | 6.3 | 6.7 | 8.3 | 7.4 | 7.9 | 6.2 | 5.8 | 5.9 |
| **24** | 9.8 | 9.4 | 9.6 | 7.0 | 6.5 | 6.8 | 7.8 | 7.4 | 7.6 | 6.6 | 5.8 | 6.2 |
| **25** | 9.4 | 8.8 | 9.3 | 6.9 | 6.6 | 6.7 | 8.1 | 7.1 | 7.6 | 7.8 | 6.0 | 6.4 |
| **26** | 9.4 | 9.0 | 9.2 | 6.9 | 6.3 | 6.7 | 8.2 | 7.6 | 8.0 | 6.8 | 6.4 | 6.5 |
| **27** | 9.3 | 8.9 | 9.2 | 6.8 | 6.3 | 6.6 | 8.0 | 7.7 | 7.8 | 7.0 | 6.2 | 6.6 |
| **28** | 9.1 | 8.8 | 8.9 | 6.8 | 6.4 | 6.6 | --- | --- | --- | 7.0 | 6.5 | 6.8 |
| **29** | --- | --- | --- | 7.0 | 6.5 | 6.8 | --- | --- | --- | 9.7 | 6.1 | 6.7 |
| **30** | --- | --- | --- | 7.1 | 6.9 | 7.0 | --- | --- | --- | 7.7 | 5.7 | 6.5 |
| **31** | --- | --- | --- | 7.2 | 6.8 | 7.0 | --- | --- | --- | 8.6 | 5.1 | 6.8 |
| **Month** | 10.5 | 8.7 | 9.6 | 9.7 | 6.3 | 7.6 | --- | --- | --- | --- | --- | --- |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | 7.2 | 4.2 | 5.6 | 7.7 | 4.9 | 6.2 | 9.7 | 1.4 | 4.8 | 8.7 | 6.8 | 7.5 |
| **2** | 7.1 | 4.2 | 6.1 | 7.7 | 5.6 | 6.4 | 9.6 | 3.4 | 5.0 | 8.1 | 6.9 | 7.5 |
| **3** | 6.0 | 2.4 | 4.5 | 8.2 | 5.7 | 6.7 | 9.3 | 3.6 | 6.4 | 8.2 | 5.1 | 6.8 |
| **4** | 7.3 | 1.6 | 4.4 | 7.2 | 5.9 | 6.5 | 7.5 | 1.5 | 5.6 | 9.2 | 5.7 | 6.9 |
| **5** | 11.7 | 3.7 | 6.7 | 7.3 | 6.1 | 6.5 | 4.4 | 0.2 | 2.1 | 6.2 | 2.9 | 4.4 |
| **6** | 5.5 | 1.7 | 3.5 | --- | --- | --- | 3.8 | 0.8 | 1.9 | 6.5 | 3.2 | 5.0 |
| **7** | 4.6 | 1.3 | 3.0 | --- | --- | --- | 5.0 | 0.8 | 3.1 | 6.7 | 5.3 | 5.9 |
| **8** | 5.0 | 3.9 | 4.3 | 5.2 | 4.1 | 4.7 | 6.1 | 1.4 | 3.1 | 11.3 | 4.9 | 7.4 |
| **9** | 6.6 | 4.0 | 4.7 | 6.2 | 4.7 | 5.3 | 7.2 | 2.1 | 4.7 | 10.5 | 5.7 | 7.8 |
| **10** | 5.7 | 3.3 | 4.6 | 7.7 | 4.6 | 6.1 | 9.0 | 2.1 | 5.1 | --- | --- | --- |
| **11** | 8.2 | 2.8 | 5.1 | 7.2 | 4.8 | 6.1 | 9.0 | 3.7 | 5.8 | --- | --- | --- |
| **12** | 7.8 | 2.3 | 4.2 | 10.4 | 1.8 | 6.2 | 8.3 | 3.4 | 6.7 | --- | --- | --- |
| **13** | 8.7 | 1.7 | 4.4 | 8.0 | 1.7 | 4.7 | 8.2 | 5.0 | 6.0 | --- | --- | --- |
| **14** | 6.8 | 4.3 | 5.5 | 6.4 | 3.5 | 5.1 | 7.8 | 3.5 | 5.4 | --- | --- | --- |
| **15** | 6.2 | 4.6 | 5.5 | 6.2 | 3.9 | 5.0 | 5.8 | 3.0 | 4.7 | --- | --- | --- |
| **16** | 7.9 | 5.5 | 6.0 | 5.0 | 4.0 | 4.5 | 4.8 | 3.3 | 4.3 | --- | --- | --- |
| **17** | 6.1 | 5.6 | 5.9 | 6.4 | 3.8 | 5.0 | 4.3 | 2.9 | 3.9 | --- | --- | --- |
| **18** | 7.9 | 4.6 | 5.7 | 4.7 | 2.6 | 3.6 | 5.7 | 3.8 | 4.8 | --- | --- | --- |
| **19** | 6.0 | 4.2 | 5.2 | 5.9 | 2.3 | 3.5 | --- | --- | --- | --- | --- | --- |
| **20** | 7.6 | 5.0 | 6.2 | 5.1 | 3.2 | 3.9 | --- | --- | --- | --- | --- | --- |
| **21** | 8.8 | 6.6 | 7.5 | 4.8 | 2.8 | 3.9 | --- | --- | --- | --- | --- | --- |
| **22** | 9.4 | 5.6 | 7.6 | 10.1 | 2.8 | 6.6 | 7.8 | 5.7 | 6.6 | --- | --- | --- |
| **23** | 8.0 | 5.1 | 6.6 | 10.1 | 3.8 | 6.0 | 7.6 | 5.4 | 6.5 | --- | --- | --- |
| **24** | 7.4 | 5.2 | 6.3 | 10.8 | 4.0 | 6.2 | 9.0 | 5.2 | 6.6 | --- | --- | --- |
| **25** | 6.5 | 4.5 | 5.5 | --- | --- | --- | 7.0 | 3.0 | 5.4 | --- | --- | --- |
| **26** | 6.7 | 4.9 | 5.8 | --- | --- | --- | 7.7 | 2.5 | 4.5 | --- | --- | --- |
| **27** | 7.5 | 4.8 | 6.0 | 6.8 | 4.7 | 5.7 | --- | --- | --- | --- | --- | --- |
| **28** | 8.9 | 5.0 | 6.9 | 7.5 | 4.0 | 6.1 | --- | --- | --- | --- | --- | --- |
| **29** | 9.3 | 6.1 | 7.4 | 5.8 | 3.7 | 4.8 | 8.1 | 5.2 | 6.2 | --- | --- | --- |
| **30** | 9.2 | 6.5 | 7.3 | 6.7 | 2.7 | 5.1 | 8.7 | 5.1 | 6.2 | --- | --- | --- |
| **31** | --- | --- | --- | 7.5 | 2.0 | 4.6 | 8.5 | 4.6 | 6.7 | --- | --- | --- |
| **Month** | 11.7 | 1.3 | 5.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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MEAN DISSOLVED OXYGEN, WATER, UNFILTERED,

MILLIGRAMS PER LITER

| **TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 LAKE DEPTH = 7 FOOT** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** | **Max** | **Min** | **Mean** |
|  | **October** | | | **November** | | | **December** | | | **January** | | |
| **1** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 46 | 48 |
| **13** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 47 | 48 |
| **14** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49 | 46 | 47 |
| **15** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 47 | 50 |
| **16** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57 | 51 | 53 |
| **17** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 74 | 51 | 60 |
| **18** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 55 | 85 |
| **19** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 140 | 120 | 130 |
| **20** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 130 |
| **21** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 130 | 110 | 120 |
| **22** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 110 | 74 | 88 |
| **23** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 75 | 67 | 71 |
| **24** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 72 | 63 | 66 |
| **25** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 63 | 55 | 58 |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 53 | 55 |
| **27** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 54 | 49 | 51 |
| **28** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 52 | 49 | 51 |
| **29** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 50 | 52 |
| **30** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 53 | 48 | 51 |
| **31** | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51 | 48 | 49 |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **February** | | | **March** | | | **April** | | | **May** | | |
| **1** | 50 | 47 | 48 | 40 | 40 | 40 | 48 | 44 | 45 | 40 | 32 | 38 |
| **2** | 48 | 46 | 47 | 40 | 40 | 40 | 44 | 40 | 42 | 38 | 34 | 36 |
| **3** | 47 | 44 | 45 | 40 | 40 | 40 | 42 | 38 | 40 | 91 | 34 | 44 |
| **4** | 44 | 42 | 43 | 40 | 40 | 40 | 41 | 34 | 37 | 36 | 30 | 34 |
| **5** | 44 | 40 | 42 | 43 | 40 | 40 | 38 | 34 | 37 | 34 | 30 | 32 |
| **6** | 44 | 40 | 42 | 45 | 41 | 42 | 37 | 34 | 36 | 36 | 32 | 34 |
| **7** | 43 | 39 | 41 | 45 | 42 | 43 | 42 | 35 | 39 | 40 | 35 | 37 |
| **8** | 44 | 39 | 41 | 47 | 40 | 44 | 39 | 37 | 38 | 41 | 37 | 39 |
| **9** | 39 | 36 | 37 | 45 | 39 | 41 | 37 | 36 | 37 | 43 | 38 | 40 |
| **10** | 40 | 38 | 40 | 47 | 41 | 44 | 41 | 37 | 38 | 42 | 38 | 39 |
| **11** | 39 | 37 | 38 | 52 | 44 | 47 | 40 | 37 | 39 | 41 | 37 | 39 |
| **12** | 38 | 36 | 37 | 55 | 50 | 53 | 39 | 37 | 38 | 39 | 37 | 38 |
| **13** | 39 | 35 | 37 | 67 | 54 | 60 | 39 | 37 | 38 | 38 | 35 | 36 |
| **14** | 40 | 37 | 38 | 100 | 53 | 65 | 42 | 37 | 39 | 37 | 33 | 35 |
| **15** | 40 | 35 | 37 | 87 | 58 | 70 | 40 | 37 | 38 | 35 | 30 | 33 |
| **16** | 37 | 34 | 35 | 91 | 59 | 77 | 38 | 36 | 37 | 38 | 32 | 34 |
| **17** | 35 | 33 | 34 | 79 | 45 | 49 | 41 | 38 | 39 | 42 | 34 | 37 |
| **18** | 35 | 33 | 34 | 52 | 42 | 46 | 41 | 39 | 40 | 36 | 31 | 34 |
| **19** | 34 | 32 | 33 | 47 | 44 | 45 | 42 | 38 | 40 | 49 | 31 | 34 |
| **20** | 35 | 32 | 33 | 55 | 44 | 46 | 41 | 38 | 39 | 37 | 30 | 32 |
| **21** | 38 | 33 | 35 | 50 | 43 | 46 | 42 | 37 | 39 | 38 | 29 | 31 |
| **22** | 41 | 33 | 38 | 50 | 42 | 45 | 45 | 41 | 42 | 37 | 30 | 32 |
| **23** | 40 | 39 | 39 | 45 | 41 | 43 | 44 | 38 | 40 | 37 | 31 | 34 |
| **24** | 40 | 39 | 39 | 44 | 40 | 42 | 44 | 40 | 42 | 56 | 30 | 39 |
| **25** | 40 | 40 | 40 | 45 | 39 | 41 | 43 | 39 | 41 | 38 | 30 | 35 |
| **26** | 40 | 40 | 40 | 44 | 42 | 43 | 52 | 51 | 51 | 34 | 29 | 31 |
| **27** | 40 | 40 | 40 | 47 | 43 | 45 | 51 | 48 | 49 | 75 | 31 | 42 |
| **28** | 40 | 40 | 40 | 48 | 44 | 46 | 48 | 46 | 47 | 48 | 29 | 36 |
| **29** | --- | --- | --- | 49 | 45 | 47 | 46 | 43 | 44 | 36 | 26 | 28 |
| **30** | --- | --- | --- | 50 | 48 | 48 | 43 | 40 | 42 | 40 | 27 | 30 |
| **31** | --- | --- | --- | 50 | 45 | 47 | --- | --- | --- | 32 | 27 | 29 |
| **Month** | 50 | 32 | 39 | 100 | 39 | 47 | 52 | 34 | 40 | 91 | 26 | 35 |
|  | **June** | | | **July** | | | **August** | | | **September** | | |
| **1** | --- | --- | --- | 26 | 17 | 21 | 20 | 9.0 | 17 | 10 | 6.1 | 7.8 |
| **2** | 38 | 25 | 29 | 24 | 16 | 20 | 26 | 8.5 | 15 | 11 | 6.5 | 8.0 |
| **3** | 37 | 26 | 30 | 25 | 16 | 19 | 18 | 12 | 14 | 16 | 7.6 | 10 |
| **4** | 40 | 25 | 31 | 22 | 16 | 19 | 18 | 9.8 | 14 | 14 | 6.7 | 10 |
| **5** | 30 | 25 | 26 | 20 | 16 | 17 | 25 | 11 | 17 | 18 | 6.6 | 12 |
| **6** | 41 | 25 | 32 | --- | --- | --- | 28 | 16 | 20 | 15 | 7.2 | 11 |
| **7** | 52 | 41 | 46 | --- | --- | --- | 36 | 15 | 22 | 15 | 6.5 | 11 |
| **8** | 48 | 34 | 38 | --- | --- | --- | --- | --- | --- | 11 | 5.1 | 8.1 |
| **9** | 44 | 27 | 34 | --- | --- | --- | --- | --- | --- | 10 | 6.0 | 7.7 |
| **10** | 35 | 27 | 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | 34 | 23 | 28 | --- | --- | --- | 19 | 8.2 | 11 | --- | --- | --- |
| **12** | 31 | 21 | 26 | --- | --- | --- | 16 | 6.8 | 8.9 | --- | --- | --- |
| **13** | 33 | 19 | 24 | --- | --- | --- | 14 | 6.4 | 9.3 | --- | --- | --- |
| **14** | 24 | 18 | 21 | 68 | 20 | 31 | 70 | 6.9 | 12 | --- | --- | --- |
| **15** | 26 | 17 | 19 | 24 | 18 | 21 | 70 | 8.9 | 15 | --- | --- | --- |
| **16** | 28 | 14 | 17 | 24 | 20 | 22 | --- | --- | --- | --- | --- | --- |
| **17** | 17 | 14 | 16 | 24 | 20 | 21 | --- | --- | --- | --- | --- | --- |
| **18** | 23 | 16 | 19 | 30 | 19 | 23 | --- | --- | --- | --- | --- | --- |
| **19** | --- | --- | --- | 41 | 20 | 24 | --- | --- | --- | --- | --- | --- |
| **20** | --- | --- | --- | 30 | 20 | 25 | --- | --- | --- | --- | --- | --- |
| **21** | --- | --- | --- | 38 | --- | --- | --- | --- | --- | --- | --- | --- |
| **22** | --- | --- | --- | --- | --- | --- | 11 | 7.9 | 9.1 | --- | --- | --- |
| **23** | 18 | 12 | 14 | --- | --- | --- | 11 | 7.9 | 9.3 | --- | --- | --- |
| **24** | 16 | 13 | 14 | --- | --- | --- | 21 | 6.4 | 11 | --- | --- | --- |
| **25** | 18 | 14 | 15 | --- | --- | --- | 18 | 7.9 | 14 | --- | --- | --- |
| **26** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | --- | --- | --- | 30 | 19 | 23 | --- | --- | --- | --- | --- | --- |
| **28** | --- | --- | --- | 35 | 16 | 21 | --- | --- | --- | --- | --- | --- |
| **29** | --- | --- | --- | 35 | 19 | 23 | 18 | 5.2 | 9.6 | --- | --- | --- |
| **30** | 22 | 17 | 19 | 26 | 14 | 20 | 14 | 4.8 | 8.1 | --- | --- | --- |
| **31** | --- | --- | --- | 30 | 12 | 20 | 18 | 4.8 | 7.5 | --- | --- | --- |
| **Month** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

NEPHELOMETRIC UNITS (FNU)