

Moon Lake Water Quality Data

| Year | Date | Lake Level (Feet) Ice Over Annual Mtg Ice Out | Water Clarity (Seechi Disk) Average [TSI] (Feet) | Phosphorus 2 Readings/ [TSI] (ugrams/ Liter) | Chlorophyll-a Average Reading/ [TSI] (ugrams/ Liter) | Water Quality Notes |
|------|--|--|--|--|---|---|
| 2022 | Dec 07 | 9.10 | | | | Ice Over |
| | Aug 14 | 9.67 | | | | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 06 | 9.45 | | | | Ice Out |
| | 157 Days of Ice Cover Fall 2021 to Spring 2022 | | | | | |
| 2021 | Nov 30 | 9.78 | | | | Ice Over |
| | Sep 18 | 9.30 | | | | New gage installed to replace old gage which had broken. Confidence level of reading is fairly good but not guaranteed |
| | Aug 21 | 9.60 | 18.4[35] | 8,7 [32] | 2.4 [39] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 09 | 9.41 | | | | Ice Out |
| | 128 Days of Ice Cover Fall 2020 to Spring 2021 | | | | | |
| 2020 | Dec 02 | NA | | | | Ice Over |
| | Aug 22 | 9.08 | 18 | NA due to COVID-19 | | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 01 | NA | | | | Ice Out |
| | 180 Days of Ice Cover Fall 2019 to Spring 2020 | | | | | |
| 2019 | Nov 13 | | | | | Ice Over |
| | Aug 17 | 7.70 | 16.6 [37] | <5 [<27] | 2.0 [37] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 02 | 7.20 | | | | Ice Out |
| | 165 Days of Ice Cover Fall 2018 to Spring 2019 | | | | | |
| 2018 | Nov 18 | NA | | | | Ice Over |

Moon Lake Water Quality Data

| Year | Date | Lake Level (Feet) Ice Over Annual Mtg Ice Out | Water Clarity (Seechi Disk) Average [TSI] (Feet) | Phosphorus 2 Readings/ [TSI] (ugrams/ Liter) | Chlorophyll-a Average Reading/ [TSI] (ugrams/ Liter) | Water Quality Notes |
|------|--------|--|--|--|---|--|
| | Aug 18 | 6.63 | 16.8 [36] | 5,<3 [<27] | 1.0 [31] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 07 | 6.45 | | | | Ice Out |
| | | 149 Days of Ice Cover Fall 2017 to Spring 2018 | | | | |
| | | | | | | |
| 2017 | Dec 09 | 5.97 | | | | Ice Over final |
| | Sep 02 | 5.76 | 16.9 [36] | 5,<3 [<27] | 1.4 [34] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 15 | 5.28 | | | | Ice Out |
| | | 125 Days of Ice Cover Fall 2016 to Spring 2017 | | | | |
| 2016 | Dec 11 | 4.91 | | | | Ice Over final, initial ice over Nov 30 |
| | Aug 13 | 4.87 | 21.1 [33] | 3,3 [<27] | 1.3 [33] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 21 | 4.44 | | | | Ice Out |
| | | 115 Days of Ice Cover Fall 2015 to Spring 2016 | | | | |
| 2015 | Dec 28 | 4.00 | | | | Ice Over final, initial ice over Nov 30 |
| | Aug 15 | 4.15 | 19.5 [34] | 6, 7 [32] | <1.0 [<31] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 17 | 4.38 | | | | Ice Out |
| | | 147 Days of Ice Cover Fall 2014 to Spring 2015 | | | | |
| 2014 | Nov 21 | 4.18 | | | | Ice Over |
| | | 4.00 | 23.7 [31] | <3, 8 [32] | 2.3 [36] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 10 | 3.06 | | | | Ice Out |
| | | 167 Days of Ice Cover Fall 2013 to Spring 2014 | | | | |
| 2013 | Nov 24 | 2.87 | | | | Ice Over |

Moon Lake Water Quality Data

| Year | Date | Lake Level (Feet) Ice Over Annual Mtg Ice Out | Water Clarity (Seechi Disk) Average [TSI] (Feet) | Phosphorus 2 Readings/ [TSI] (ugrams/ Liter) | Chlorophyll-a Average Reading/ [TSI] (ugrams/ Liter) | Water Quality Notes |
|------|--------|--|--|--|---|---|
| | | 2.87 | 18.7 [35] | 7, 11 [39] | 3.1 [41] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 09 | 1.93 | | | | Ice Out April 22) |
| | | 151 Days of Ice Cover Fall 2012 to Spring 2013 | | | | |
| 2012 | Dec 09 | 1.60 | | | | Ice Over |
| | | 1.86 | 19.2 [35] | 6, 7 [32] | 4.6 [42] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Mar 22 | 2.52 | | | | Ice Out |
| | | 113 Days of Ice Cover Fall 2011 to Spring 2012 | | | | |
| 2011 | Nov 30 | 2.54 | | | | Ice Over |
| | | 2.92 | 17.8 [36] | <3, <3 | 2.6 41] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 30 | 2.79 | | | | Ice Out |
| | | 154 Days of Ice Cover Fall 2010 to Spring 2011 | | | | |
| 2010 | Nov 27 | 2.08 | | | | Lake Level at Ice Over |
| | | 1.24 | 18.2 [35] | 7, 8 [34] | 3.3 [40] | Lake Level at Annual Meeting and Summer Water Quality readings Note:Chlorophyll average was skewed by a 7.1 reading in September |
| | Mar 31 | 1.16 | | | | Ice Out (March 31) |
| | | 115 Days of Ice Cover Fall 2009 to Spring 2010 | | | | |
| 2009 | Dec 06 | 1.38 | | | | Ice Over |
| | | 1.60 | 23.7 [31] | <3, 8 [32] | 2.3 [36] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 22 | 1.94 | | | | Ice Out |

Moon Lake Water Quality Data

| Year | Date | Lake Level (Feet) Ice Over Annual Mtg Ice Out | Water Clarity (Seechi Disk) Average [TSI] (Feet) | Phosphorus 2 Readings/ [TSI] (ugrams/ Liter) | Chlorophyll-a Average Reading/ [TSI] (ugrams/ Liter) | Water Quality Notes |
|------|--------|---|--|--|---|---|
| | | 150 Days of Ice Cover Fall 2008 to Spring 2009 | | | | |
| 2008 | Nov 23 | No Data | | | | Ice Over |
| | | 2.50 | 16.5 [37] | 7, 7 [32] | 2.7 [42] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | May 03 | 2.56 | | | | Ice Out |
| | | 155 Days of Ice Cover Fall 2007 to Spring 2008 | | | | |

Moon Lake Water Quality Data

| Year | Date | Lake Level (Feet) Ice Over Annual Mtg Ice Out | Water Clarity (Seechi Disk) Average [TSI] (Feet) | Phosphorus 2 Readings/ [TSI] (ugrams/ Liter) | Chlorophyll-a Average Reading/ [TSI] (ugrams/ Liter) | Water Quality Notes |
|------|--------|---|--|--|---|---|
| 2007 | Nov 28 | 2.62 | | | | Ice Over |
| | | 2.88 | 21.5 [33] | 5, 2 [27] | 2.4 [37] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | Apr 18 | 3.75 | | | | Ice Out |
| | | 144 Days of Ice Cover Fall 2006 to Spring 2007 | | | | |
| 2006 | Nov 25 | 4.78 | | | | Ice Over |
| | | 4.27 | 20.3 [34] | 11, 14 [27] | 2.9 [41] | Lake Level at Annual Meeting and Summer Water Quality readings |
| | | 4.24 | | | | Ice Out |
| 2005 | Nov 25 | | | | | Ice over |
| | | | 21.4 [33] | 7, 4 [27] | 3.1 [41] | |
| 2004 | | | 22.2 [32] | 4, 4 [24] | 2.6 [39] | |
| 2003 | | | 19.8 [34] | 9, 5 [27] | 2.5 [38] | |
| 2002 | | | 21.3 [33] | 6, 4 [27] | 4.6 [44] | |
| 2001 | | | 23.1 [32] | 6, 8 [34] | 5.0 [46] | |
| 2000 | | | 22.0 [33] | 8, 9 [36] | 3.2 [41] | |
| 1999 | | | 19.7 [34] | 11, 8 [34] | 2.6 [41] | |
| 1998 | | | 19.1 [35] | 7, 10 | 2.7 | |
| 1997 | | | 24.0 [31] | 10, 10 | | |
| 1996 | | | 19.8 [34] | 4, 4 | | |
| 1995 | | | 24.5 [31] | 7, 10 | | |
| 1994 | | | | | | |