

Lake Conservation Notes

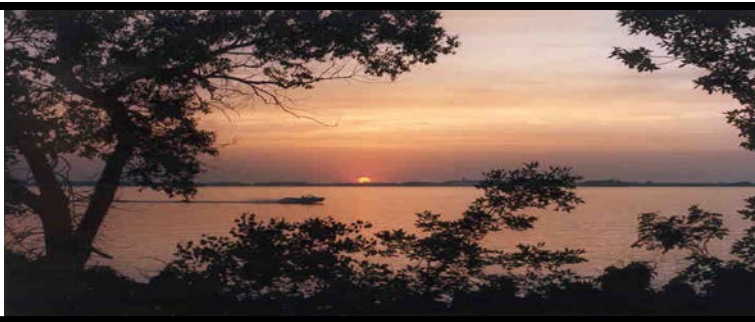
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Pickrel Lake Elevations 1933—2018

1928	1848.2*	1955 May	1844.6	1990 May	1844.6
1932	1843.4	1956 May	1844.9	1990 September	1844.8
1933	1841.9	1956 November	1843.8	1991 May	1845.4
1934 June	1841.2	1957 September	1843.3	1991 October	1844.9
1934 August	1840.5	1959 April	1845.0	1992 April	1845.3
1935 May	1841.1	1960 April	1845.2	1992 September	1844.9
1935 October	1840.3	1961 June	1844.4	1993 May	1845.6
1936 April	1841.0	1961 December	1843.7	1993 July	1848.0**
1936 November	1838.2**	1962 June	1845.5	1993 September	1845.3
1937 May	1844.0	1962 December	1845.0	1994 May	1845.6
1937 October	1843.4	1963 May	1845.1	1994 September	1845.0
1938 June	1844.9	1964 May	1845.0	1995 May	1845.7
1938 October	1843.8	1964 October	1844.3	1995 October	1845.1
1939 May	1845.4	1966 May	1845.2	1996 May	1845.7
1939 November	1843.8	1966 November	1844.7	1996 October	1845.0
1940 May	1844.9	1967 May	1845.1	1997 April	1846.7
1940 October	1843.8	1968 May	1844.6	1997 October	1845.9
1941 June	1845.5	1968 November	1844.3	1998 April	1845.9
1941 November	1844.7	1969 May	1845.2	1998 September	1845.0
1942 May	1846.0	1969 September	1844.1	1999 May	1845.8
1942 November	1845.1	1970 May	1845.1	1999 November	1845.4
1943 June	1845.2	1970 December	1844.6	2000 May	1845.6
1943 November	1844.7	1976 Fall	1843.1	2000 November	1844.8
1944 July	1845.0	1982 June	1845.0	2001 April	1846.4
1944 November	1844.6	1982 October	1844.5	2001 October	1844.8
1945 October	1844.6	1983 May	1845.2	2002 April	1845.5
1946 May	1844.9	1983 October	1844.4	2002 October	1844.6
1946 October	1844.9	1984 June	1845.2	2003 April	1845.5
1947 May	1844.1	1984 September	1844.4	2003 August	1844.9
1948 May	1844.8	1985 May	1845.1	2004 May	1845.1
1949 May	1844.7	1985 October	1844.8	2004 September	1844.9
1949 November	1843.7	1986 May	1845.9	2005 May	1846.4
1950 May	1845.0	1986 September	1845.3	2005 September	1844.8
1951 January	1844.3	1987 April	1845.3	2006 April	1845.6
1951 May	1845.0	1987 October	1844.2	2006 September	1844.7
1952 May	1845.3	1988 April	1844.6	2007 May	1846.3
1953 November	1842.1	1988 September	1843.5	2007 November	1845.1
1954 April	1844.9	1989 April	1845.4	2008 May	1845.9
1954 September	1844.3	1989 October	1844.1	2008 October	1845.3

2009 April	1845.9	2014 May	1845.62
2009 September	1845.07	2014 October	1844.8
2010 April	1846.76	2015 April	1845.22
2010 September	1845.14	2015 October	1844.72
2011 April	1846.0	2016 April	1845.43
2011 October	1844.95	2016 September	1844.72
2012 May	1845.24	2017 April	1845.43
2012 September	1844.31	2017 October	1844.69
2013 May	1845.29	2018 May	1845.63
2013 October	1844.9	2018 October	1844.96

Water levels listed prior to 1982 were taken from “Ordinary High Water Mark Investigations for Pickerel Lake”, published by the South Dakota Dept. of Environment and Natural Resources, November 1984. The accuracy of these elevations is questionable since the benchmark used to establish the measuring point was in error. Lake levels listed prior to 1982 have been adjusted in an attempt to correct this error. Water levels listed after 1976 were taken using a new benchmark established by the SD DENR. The SD DENR has established an ordinary high water mark (OHWM) of 1845.6 for Pickerel Lake. The weir elevation of Pickerel Lake’s outlet is set at an elevation of 1844.9, 0.7 ft. lower than the OHWM. All lake elevations are recorded as feet above mean sea level (msl).

Note: Bold elevations denote when lake levels were higher than the outlet weir elevation of 1844.9. At this elevation Pickerel Lake overflows to Waubay Lake.

Lowest recorded elevation 1838.2** Highest historical elevation 1848.2* Highest recent elevation 1848.0***



Pickerel Lake Outlet March 2010