

Lake Conservation Notes

Northeast Glacial Lakes Watershed Project
600 East Hwy 12, Suite 1
Webster, SD 57274
Phone: 605/345-4661



Pickerel Lake Elevations 1933—2009

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).

1928	1848.2*	1946 October	1844.9	1967 May	1845.1
1932	1843.4	1947 May	1844.1	1968 May	1844.6
1933	1841.9	1948 May	1844.8	1968 November	1844.3
1934 June	1841.2	1949 May	1844.7	1969 May	1845.2
1934 August	1840.5	1949 November	1843.7	1969 September	1844.1
1935 May	1841.1	1950 May	1845.0	1970 May	1845.1
1935 October	1840.3	1951 January	1844.3	1970 December	1844.6
1936 April	1841.0	1951 May	1845.0	1976 Fall	1843.1
1936 November	1838.2**	1952 May	1845.3	1982 June	1845.0
1937 May	1844.0	1953 November	1842.1	1982 October	1844.5
1937 October	1843.4	1954 April	1844.9	1983 May	1845.2
1938 June	1844.9	1954 September	1844.3	1983 October	1844.4
1938 October	1843.8	1955 May	1844.6	1984 June	1845.2
1939 May	1845.4	1956 May	1844.9	1984 September	1844.4
1939 November	1843.8	1956 November	1843.8	1985 May	1845.1
1940 May	1844.9	1957 September	1843.3	1985 October	1844.8
1940 October	1843.8	1959 April	1845.0	1986 May	1845.9
1941 June	1845.5	1960 April	1845.2	1986 September	1845.3
1941 November	1844.7	1961 June	1844.4	1987 April	1845.3
1942 May	1846.0	1961 December	1843.7	1987 October	1844.2
1942 November	1845.1	1962 June	1845.5	1988 April	1844.6
1943 June	1845.2	1962 December	1845.0	1988 September	1843.5
1943 November	1844.7	1963 May	1845.1	1989 April	1845.4
1944 July	1845.0	1964 May	1845.0	1989 October	1844.1
1944 November	1844.6	1964 October	1844.3	1990 May	1844.6
1945 October	1844.6	1966 May	1845.2	1990 September	1844.8
1946 May	1844.9	1966 November	1844.7	1991 May	1845.4

1991	October	1844.9	1997	April	1846.7	2003	April	1845.5
1992	April	1845.3	1997	October	1845.9	2003	August	1844.9
1992	September	1844.9	1998	April	1845.9	2004	May	1845.1
1993	May	1845.6	1998	September	1845.0	2004	September	1844.9
1993	July	1848.0***	1999	May	1845.8	2005	May	1846.4
1993	September	1845.3	1999	November	1845.4	2005	September	1844.8
1994	May	1845.6	2000	May	1845.6	2006	April	1845.6
1994	September	1845.0	2000	November	1844.8	2006	September	1844.7
1995	May	1845.7	2001	April	1846.4	2007	May	1846.3
1995	October	1845.1	2001	October	1844.8	2008	May	1845.9
1996	May	1845.7	2002	April	1845.5	2008	October	1845.3
1996	October	1845.0	2002	October	1844.6	2009	April	1845.9

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***

Below: Pickerel Lake Outlet and weir spring 2009, high water overflows to Waubay Lake

