

Lake Conservation Notes

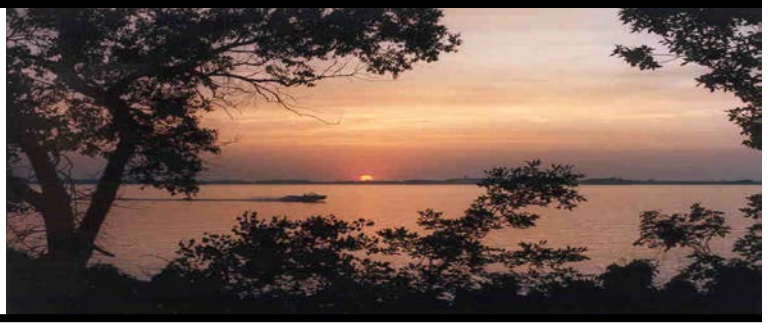
Northeast Glacial Lakes Watershed Project

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Enemy Swim Lake Elevations 1933—2018

1933 August	1843.0	1955 May	1852.1	1990 September	1850.7
1934 July	1841.7	1956 May	1851.3	1991 May	1850.7
1934 August	1841.1	1956 November	1849.9	1991 October	1852.1
1935 October	1840.1	1957 September	1850.5	1992 April	1852.4
1936 April	1840.2	1960 April	1849.1	1992 September	1852.0
1936 November	1838.1	1961 June	1847.9	1993 May	1853.4
1937 May	1841.9	1961 December	1846.9	1993 September	1854.8
1937 October	1840.9	1962 June	1849.7	1994 May	1855.1
1938 June	1841.1	1962 December	1850.8	1994 September	1853.9
1938 October	1840.2	1963 May	1851.1	1995 May	1854.7
1939 May	1841.5	1964 May	1851.7	1995 October	1853.8
1939 November	1839.6	1966 May	1852.3	1996 May	1854.6
1940 May	1840.3	1966 November	1851.3	1996 June	1854.6
1940 October	1838.0*	1967 May	1852.0	1996 October	1853.4
1941 June	1840.4	1968 May	1850.4	1997 April	1856.27**
1941 November	1840.2	1968 November	1849.6	1997 October	1853.32
1942 May	1841.5	1969 May	1852.5	1998 May	1854.85
1942 November	1840.5	1969 November	1851.4	1998 September	1853.43
1943 June	1845.8	1970 May	1853.2	1999 June	1854.16
1943 November	1845.4	1970 December	1851.0	1999 November	1853.32
1944 July	1846.7	1975 May	1852.5	2000 May	1853.72
1944 November	1846.9	1976 November	1847.2	2000 October	1852.46
1945 May	1848.1	1982 July	1851.7	2001 May	1854.72
1945 October	1851.4	1982 October	1851.2	2001 August	1853.26
1946 May	1850.0	1983 May	1851.4	2002 April	1853.6
1946 October	1849.5	1983 October	1850.2	2002 October	1852.84
1947 May	1851.9	1984 June	1851.9	2003 April	1853.2
1948 May	1852.3	1984 September	1851.2	2003 September	1852.6
1949 May	1849.4	1985 May	1852.3	2004 May	1852.52
1949 November	1849.5	1985 October	1851.5	2004 September	1852.4
1950 May	1851.2	1986 May	1854.6	2005 May	1852.7
1951 January	1849.8	1986 September	1854.2	2005 September	1852.6
1951 May	1851.2	1987 April	1854.4	2006 April	1853.5
1952 February	1850.9	1987 October	1852.5	2006 September	1852.7
1952 May	1853.9	1988 April	1852.3	2007 May	1854.9
1952 October	1852.0	1988 September	1850.7	2007 October	1853.6
1953 November	1852.1	1989 April	1852.2	2008 May	1854.47
1954 April	1852.8	1989 October	1851.2	2008 October	1853.64
1954 September	1852.4	1990 May	1851.2	2009 April	1854.67

2009 September	1853.54	2014 May	1854.62	2018 October	1853.52
2010 April	1855.3	2014 October	1853.05		
2010 October	1853.78	2015 April	1853.69		
2011 April	1855.3	2015 October	1852.66		
2011 October	1853.68	2016 April	1853.3		
2012 May	1854.52	2016 September	1852.7		
2012 September	1852.83	2017 April	1853.74		
2013 May	1854.01	2017 October	1853.12		
2013 October	1853.06	2018 May	1854.35		

The South Dakota Department of Environment & Natural Resources Water Management Board is mandated by law to establish Ordinary High Water Marks (OHWM) on all public lakes in the state of South Dakota. The OHWM is established by DENR after examination of the lake's shoreline and bed for distinct marks left by the continuous action of water on shoreline vegetation, and erosion of the lakes banks. The OHWM of Enemy Swim is determined to be 1854.4 feet above mean sea level. The high water level for Enemy Swim is controlled by a concrete weir located on the southwest shore of Campbell Slough (pictured below). The existing outlet structure was constructed in 1973 at an elevation of 1853.6 feet above mean sea level, 0.8 feet below the OHWM of 1854.4. According to accounts, the Campbell Slough outlet was lowered by 3.5 feet in the early 1920's from an elevation of 1857.1. The following elevations are from the records of the SD DENR and Day Conservation District.

Note: Bold elevations denote when lake levels were higher than the Campbell Slough outlet elevation of 1853.6. At these elevations water normally flows to Blue Dog Lake.

Lowest recorded elevation 1838.0* (October 1940)

Highest recent elevation: 1856.27** (April 1997)

Highest recorded elevation: 1857.1 (1918)

Average elevation: 1849.1

Lake elevations are taken every spring and fall by the Water Rights Division of the SD Dept. of Environment and Natural Resources.



The outlet weir located on the southwest corner of Campbell Slough. High water flows south to Blue Dog Lake.