

Secchi Disk Readings - Boot Lake - Becker County, MN

The **Secchi disk**, as created in 1865 by Angelo Secchi, is a plain white, circular disk 8 to 12 inches in diameter used to measure water transparency or turbidity in bodies of water. The disk is mounted on a pole or line, and lowered slowly down in the water. The depth at which the disk is no longer visible is taken as a measure of the transparency of the water. This measure is known as the **Secchi depth** and is related to water turbidity. One of the best aspects of the Secchi disk is that the information provided by the Secchi disk is easily interpreted by volunteers and can be used to detect water quality trends in lakes.

<i>Year</i>	<i>Highest Measurement(ft.)</i>	<i>Lowest Measurement (ft.)</i>
2022	22	18.5
2021	20	15
2020	15.5	10.5
2019	17	10
2018	17.5	14
2017	18	12
2016	22	13
2015	23	17
2014	27	13
2013	22	14.5
2012	23	19.
2011	30	18.5
2010	30	
2009	27	23
2008	28	20
2007	25	22
2006	26	21
2005	27	18
2004	24	20
2003	20	18
2002	21	20
2001	23	18
2000	20	
1999	22	17
1998	17	22
1997	17	20
1996	15	24
1995	19	
1994	10	17
1993	17	13