

Round Lake - Waupaca County

By: Tim Rasman

Round Lake in southwest Waupaca County is one of 22 lakes in the chain. Round is an 80 acre drainage lake with a maximum depth of 67 feet. Quarterly chemistry's have been taken since July 1980; this program will continue through the Spring of 1982. Phosphorus levels were all below the detectable limit. Nitrogen levels were above Sawyer's limits. Secchi disc readings ranged from 2.3 - 3.6 M. Alkalinity was typical of other hard water in the area. Chlorophyll a was 5 ug/l or less. Oxygen was present in the hypolimnion during stratification. Vegetation was limited. Chara is common; the following varieties of Potamogetons were observed: robbinsii, amplifolius, and natans. Huphan (sp.), Nuphar Nymphae (sp.) and Typha latifolia was also observed.

Round lake is a oligotrphic-mesotrphic class 2 lake with limited productivity.