

Hazy sun found between clouds, with light wind from SW dropping to very light variable wind. Macrophytes growing toward and on surface with filamentous algae attached. Motorboat slop. One loon, gulls, flying hatches of insects, grasshoppers, fireflies and damsel- and dragon-flies.

Some flowers/seeds found on few broken off exotic Eurasian milfoil plants, as well as natives *Ranunculus* (white flowers of Buttercup) and *Potamogeton pectinatus* (looking like small beads on a string for Sago Pondweed). White water lilies blooming in Mill Pond on very abundant plants.

Variety of visible blue-green algae particles scattered down several inches below lake surface – especially in East. Not a “bloom”.

Some torn-out-by-boats floating mats of macrophytes, seed filaments, insects, and filamentous algae, etc. Terrestrial trees are fruiting.

STATIONS	TIME	SECCHI (FT)	SURFACE TEMP (F)	CUSTER COLORS		LAKE OBSERVATIONS
				1/2 SECCHI	1/2 M	
WEST	11:45	24.5 Ft	75 F	4.0	2.0	Murky & green/brown
EAST	12:10	20.0 Ft.	86 F	4.0	2.0	Murky & green/brown

AIR TEMP: 84 F west; 86 F east.

My perception of Green Lake today = 3. “Swimming and aesthetic enjoyment slightly impaired.” (floating macrophytes).

Microscopic observations of plankton samples collected at both East & West deep-water stations via 17 ft. vertical Wisconsin Plankton Net pulls. These organisms are estimated into four categories below:				
	Very Abundant	Abundant	Infrequent	Present
Blue-green:		<i>Gleotrichia</i> <i>Microcystis</i>	<i>Anabaena</i> <i>Gleocapsa</i>	<i>Gomphosphaeria</i> <i>Lynghya</i>
Green:	<i>Sphaerocystis</i> <i>Spirogyra</i>	<i>Botryococcus?</i> (VERY GREEN) Little Green balls, <i>Chorella</i> & <i>Protococcus</i> <i>Pediastrum</i>	<i>Coelastrum</i> <i>Closteriopsis</i> <i>Oocystis</i>	<i>Ankistrodesmus</i> <i>Crucigenia</i> <i>Golenkinia</i> <i>Radiococcus</i>
Dinoflag. & Protozoa:	<i>Ceratium</i>		<i>Vorticella</i>	small flagellates
Diatoms:		<i>Tabellaria</i> & <i>Fragilaria</i>	<i>Meridium?</i>	<i>Stephanodiscus</i>
Desmids & “Golden”:	<i>Staurastrum</i>		<i>Dinobryon</i>	
Zooplankton:	Cyclopoids (eggs) Daphnidia Nauplii		Immature zebra mussels	<i>Ascomorpha?</i>
Metazoans & Rotifers:		<i>K. cochlearis</i> (eggs)	<i>Conochilus unicornis</i> <i>K. quadrata</i> (eggs)	<i>Brochionus</i> <i>Polyarthra</i>
Others:	Pieces of plants & animals! , Insects, Debris, Fibers Dense, dark clusters of sharp, short “needles” (ca. 10 of these unknowns observed)! Filaments and other terrestrial seeds observed			Clear, sharp and long