

Province Lake Secchi Club Datasheet

Rev. Date: 6/20/2021

Trip Data:

Day of week:		Date:		Time:			
Sampling captain's name:			Sampling captain's online nickname (optional):				
GPS coordinates:	Latitude:			Longitude:			
Sky condition:	<i>Check one:</i>	Sunny /	Partly Cloudy /	Overcast	...OR... Percent Cloud Cover: %		
Wind effects:	<i>Check one:</i>	Calm /	Rippling /	Mild Chop /	Small Waves	Air Temperature:	
Motorized boat traffic (see descriptions):	<i>Check one:</i>	None /	Low /	Medium /	Heavy		

Secchi Measurement Data:

Reader		Viewscope? (do "No" first)	Side of Boat (shaded is priority)	Depths (give units of measurement)		
#	Name	(<i>Check one</i>)	(<i>Check one</i>)	Disappearance	Reappearance	Average
1		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			
		No Yes	Shaded Sunny			

After all Secchi measurements are complete, measure the water depth with your Secchi gear:	
Other notes or observations:	

By participating in this activity and submitting this datasheet, the boat captain and the Secchi depth readers all acknowledge that they are unpaid volunteers, fully responsible for their own equipment, actions, and safety.

PDF Fillable Form Datasheet

If you are using the PDF Fillable Form Datasheet, rather than a printed paper datasheet, you can save the datasheet as a file with the captain's name and observation date, e.g. "rsmith_6-9-2021.pdf. Then proceed with your trip. Once data has been entered simply save the file and email as described at the end of these instructions.

Day of week

Date

Time (nearest half hour is sufficient)

Sampling captain's name

Sampling captain's name to use in online data spreadsheets. This is optional. It can be a "handle" or nickname, if you wish. The names of those reading the Secchi depths will not be published, so you do not need to worry that your kids' names will be put online or used in any reports. They will not.

GPS coordinates, if available

Sky condition (sunny, partly cloudy, overcast) OR % cloud cover OR both, if you wish

Wind effects (calm, rippling, mild chop, small waves). You should not do it in higher winds.

Approximate air temperature

Motorized boat traffic:

- None (none close enough to have been making wakes passing through the Secchi zone)
- Low (a few fishing boats trolling or putt-putting around)
- Medium (1 to a few jet skis, fast boats, or water skiers active)
- Heavy (lots of boats)

Secchi measurement data:

Name of each reader. Each reader gets their own number.

Side of boat (shaded or sunny). Priority is the shaded side, to match historical data. Do the shaded side first.

Without viewscope (Priority, to match historical data. Do **without** viewscope first.):

Depths of disappearance and reappearance OR the average determined directly by the detailed technique. Do by 2 or more people. If only 1 person, do twice.

With viewscope:

Depths of disappearance and reappearance OR the average determined directly by the detailed technique. Do by 2 or more people. If only 1 person, do twice.

If you feel like it and have the time, after doing the shaded side, you can repeat the same measurements on the sunny side of the boat. This will provide data on how much the readings differ, especially under different sky and wave conditions.

After all Secchi measurements are complete, measure the **water depth** with your Secchi gear.

There is a Note box for other observations or anything else you would like to share.

The completed data sheet should be emailed to province-lake-water@cox.net or delivered by other means.

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