

Dissolved Oxygen & Temp Profile Datasheet

Observers: Carly Hester + Emily Schott
 Lake: Star M5
 WBIC: 1020300
 Date: 9/18/25
 Start time: 10:32 am
 End Time: 11:21 am
 Secchi Depth #1: 28.0 ft
 Secchi Depth #2: 24.0 ft
 Average Secchi: 26.0 ft
 Air Temp: 54°F
 Weather Conditions: Partly cloudy
 % cloud cover: 75%
 Wind velocity mph: ---

Water Level: High
 Secchi hit bottom? Yes
 Water column appearance: Clear
 Water color (visual): Blue
 Perception of water quality: 1-Beautiful, could not be nicer

Normal
 Low
 NO
 Murky
 Brown
 Red
 Yellow

- 1-Beautiful, could not be nicer
- 2-Very minor aesthetic problems
- 3-Enjoyment somewhat impaired (algae)
- 4-Would not swim but boating OK (algae)
- 5-Enjoyment substantially impaired (algae)

Depth at Deep Hole Sample Site			
Depth	Temp °C	DO%	DO mg/L
Surface	17.1	100	9.7
3	17.6	100	9.5
6	17.7	100	9.5
9	17.7	99	9.5
12	17.7	99	9.5
15	17.7	99	9.4
18	17.7	99	9.4
21	17.7	99	9.4
24	17.7	99	9.4
27	17.7	98	9.4
30	17.6	100	9.5
33	13.8	134	14.4
36	10.8	152	14.8
39	7.3	115	13.8
42	8.0	81	9.6
45	7.4	36	4.3
48	7.0	8	0.9
51	6.7	3	0.4
54	6.5	8	0.3
57	6.2	8	0.2
60	6.1	8	0.2
63	---	---	---
66	---	---	---

Entered 11/30/20
 CAH