

CU Winter Limnology

Hydrolab Lake Profile Data

Lake Name: <u>Gold Lake</u>	County: <u>Boulder</u>	Site #: <u>Gold Lake</u>
Monitor:	Group Name: <u>Blue Crabs</u>	Date: <u>2/8/14</u>
Instrument #:		

Basic Parameters	
Air Temperature (°C)	-1.2
Secchi Disk Depth (cm)	1.15m
Water Color	Clear

Ice Thickness (cm)	43cm		
Snow Depth (cm)	10cm		
Water surface temperature at 10cm depth	Digital	Sonde	Correction*
	.5	.67	-.17
*Correction=DigitalT-SondeT @0.1m (Enter correction factor on next page)			

Basin description:	
Lake elevation	2462
Lake size	
Basin size	Unknown
Basin geology	
Basin vegetation	Heterogenous

Physical Characteristics / Current Conditions

Cloud Cover SNOW

0 = cloudless	3 = fog/haze	6 = rain/thunderstorm
1 = partly Cloudy	4 = drizzle	
2 = overcast	5 = intermittent rain	

Wind Speed 2

0 = calm	3 = strong
1 = slight breeze	4 = gusty
2 = breezy	

Wind Direction 5

0 = no wind	3 = east	6 = northwest
1 = north	4 = west	7 = southeast
2 = south	5 = northeast	8 = southwest

Waves N/A

0 = calm	3 = moderate waves
1 = ripples	4 = white caps
2 = small waves	

Aquatic Macrophytes N/A

0 = none	3 = substantial
1 = minimal	4 = abundant
2 = moderate	

Previous Weeks Weather: Est. precip. during past week.

Precipitation ranges	Days before sampling	Rating
0 = none	6	_____
1 = (0 - 0.1 in.)	5	_____
2 = (0.11 - 0.5 in.)	4	_____
3 = (0.51 - 1.0 in.)	3	_____
4 = (1.1 - 2.0 in.)	2	_____
5 = (> 2.0 in.)	1	_____
	Today	_____

