

DATA ANALYSIS PROTOCOL

ANALYZING THE WATER QUALITY DATA

- 1) As a team transfer your data to the corresponding “Data Analysis Forms”
- 2) Create a depth profile of the water column by graphing the data that you have recorded for each depth. Connect the data points to form a line graph.
 - a. Do this for Temperature, Salinity and pH.
- 3) As you examine your graph, look for trends or outliers in the pattern that you might want to take note of as a researcher.

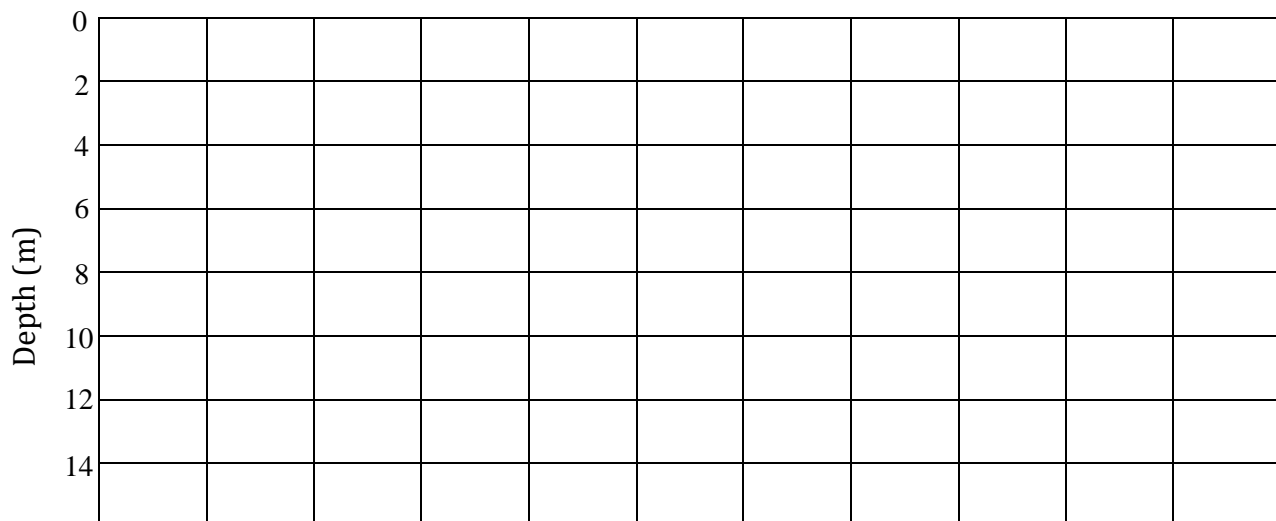
*Data Analysis Forms start on the next page.

WATER QUALITY MONITORING TEMPERATURE DATA ANALYSIS FORM

Collection Date	
Research Team Members	

Depth vs. Temperature

Depth (m)	Temperature (°C)



Temperature (°C)

WATER QUALITY MONITORING SALINITY - DATA ANALYSIS FORM

Collection Date	
Research Team Members	

Depth vs. Salinity

Depth (m)	Salinity (PPT)

0																				
2																				
4																				
6																				
8																				
10																				
12																				
14																				

Salinity (PPT)

WATER QUALITY MONITORING pH - DATA ANALYSIS FORM

Collection Date	
Research Team Members	

Depth vs. pH

Depth (m)	pH

0										
2										
4										
6										
8										
10										
12										
14										

pH