

Tides Using NOAA Data

Using the NOAA [website](http://www.tidesandcurrents.noaa.gov), record data for 10 different tide stations. If any data is unavailable, place an "X" in the box.

Station Location	Current Water Level (+/-)	Is the water level above, below, or at predictions?	Is the tide coming in, going out, or at H/L	Time of the next tide (AM/PM)	Next Tide: High or Low?	Water Temp (°F)

Analysis Questions: Answer the following in complete sentences using data from your chart to support your statement.

- 1) Were there any stations where the water level was different than the predictions for that day?
- 2) Which station had the latest high tide? Earliest high tide?
- 3) Which station had the latest low tide? Earliest low tide?
- 4) Which station had the coldest water temperature? Warmest?
- 5) What patterns did you notice about the tides for each of the stations?