

Station and location	Atmospheric Pressure	Water Temperature	Air Temperature	Wave Height
42003 West of Naples, FL	30.01 inches	84.6 °F	82.9 °F	2.3 ft.

Choose 8 different buoy stations and record the data in the chart above. Try to pick stations from different areas (example: far north in the Atlantic Ocean, some in the Gulf, some far south in the Atlantic, etc.). See the first row for an example. Then, answer the questions below.

1. What differences did you notice any patterns between the northerly and southerly stations? Do you think these patterns would be different at different times of the year?
2. How do you think scientists might use the ocean temperature data to help forecast weather?
3. How would wave data be helpful? Explain.

