

1) To start out practicing graphing with Excel, I'd like you to look at the data for water temperatures on the Eastern Gulf Coast, at

<http://www.nodc.noaa.gov/dsdt/cwtg/egof.html>

Note that the data is presented as January through December, without being clear where the split from last year to this year is (for instance, is the September data this year's or last year's?). For this graph, just assume it's for a whole year.

Use Excel to

- a) Make a table of the data that resembles the one on the Web site.
- b) Use a line graph with a different-colored line for each data station (actually these data stations are buoys).
- c) Include a title, labeled axes, and a legend that identifies each line color.

2) Assemble the answers to the following questions in a Word document. Make sure to include the URL of where you found the answer. As always, good spelling and complete sentences are important.

- a) What is the "Argo" project? When did it start and what kind of data is it collecting?
- b) What are "El Niño" and "La Niña"? How are they different, and what are their effects on global climate?
- c) What is NEXRAD and what is it used for?