

Summative Prompt

You are the Governor of the State of Florida. Your new Chief Meteorologist has sent you an email (attached below) with current data in the Pacific Ocean. You will need to evaluate the data and determine if you should warn the citizens of Florida of an upcoming hurricane season, and whether we should expect many or few named storms.

- Explain in your response whether you believe there will be many or few hurricanes in the upcoming months, and why?
- Be sure to address the limitations of making predictions (use data to support)
- Be sure to use specific data that from your ENSO graph when responding to the prompt

Dear Governor,

I want to thank you for recently hiring me as the new Chief Meteorologist of Florida. It will be nice to move to Florida from my home State of New York where it is very cold in the winters--brrrr. As I am new to the area, I am still studying on the effects of ENSO to the State of Florida.

I have just received the data you requested from the Pacific Ocean and the ENSO anomaly data. I don't understand why you are interested in this data in the first place. After all, it is all the way on the Pacific Ocean, and we live in Florida on the Atlantic Ocean. What does one thing have to do with another?

Anyway, the current anomaly data in the Pacific is 1.4 degrees Celsius.

Many people here in the office have been asking me to predict if we will have a lot of hurricanes this upcoming year. What do you recommend that I tell them?

Thank you very much.

Best regards,



Mr. Cumulo Nimbus

The New Chief Meteorologist