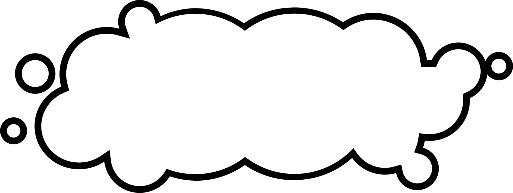
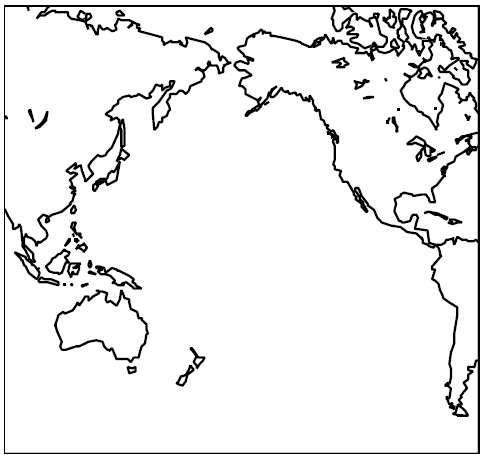
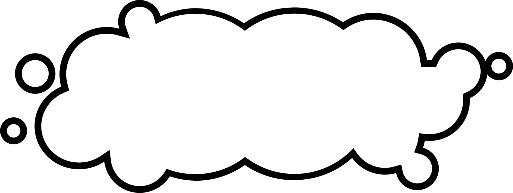
**ENSO Vocab**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term** | **Definition** | **drawing** | **Term** | **Definition** | **drawing** |
| **El Nino** |  |  | **thermocline** |  |  |
| **Trade Winds** |  |  | **Food chain** |  |  |

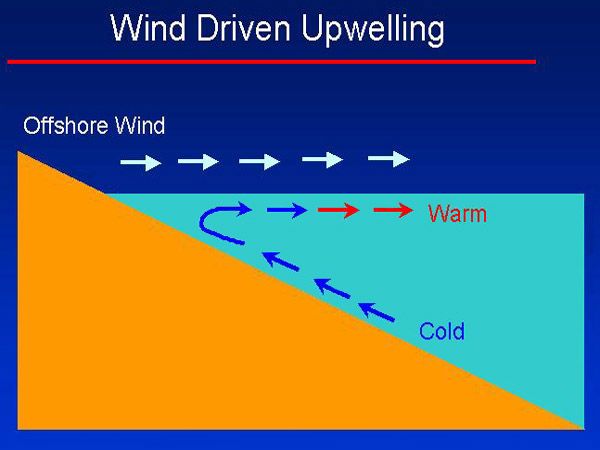
**Enso Notes**

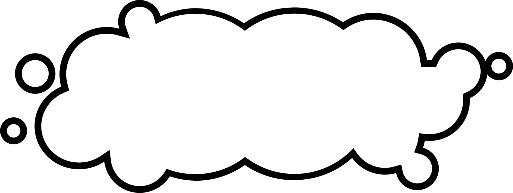


Where?



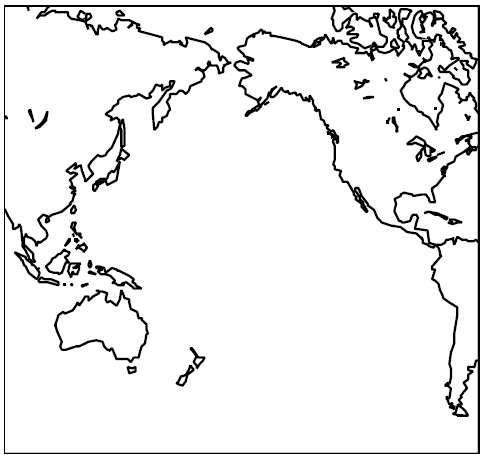
Walker Circulation



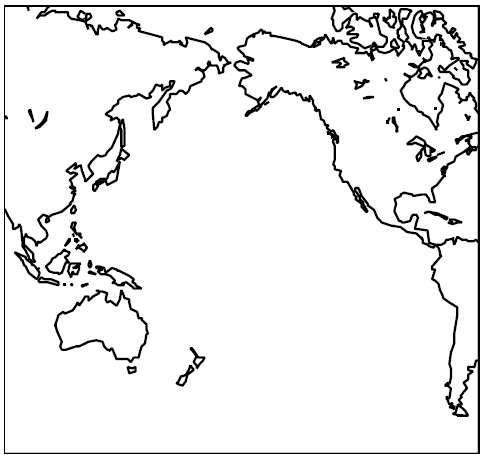


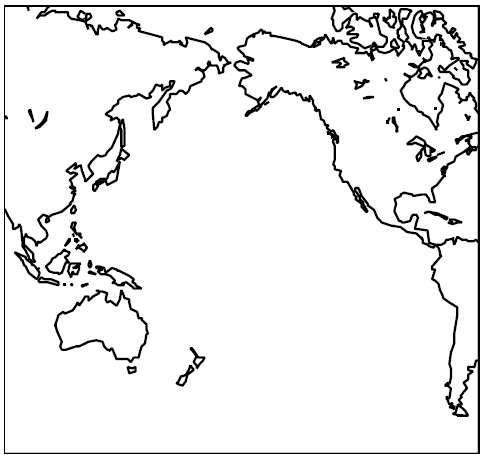
Upwelling

**Enso Drawings**

**Normal year*(include trade winds, thermocline,* warm & hot water, upwelling, rain cloud)**

**El nino Year*(include trade winds, thermocline,* warm & hot water, upwelling, rain cloud)**



**La Nina year*(include trade winds, thermocline,* warm & hot water, upwelling, rain cloud)**

**Enso & America**

**Draw the pattern based on the powerpoint (use color)and then describe in words this pattern. Include specific states names.**

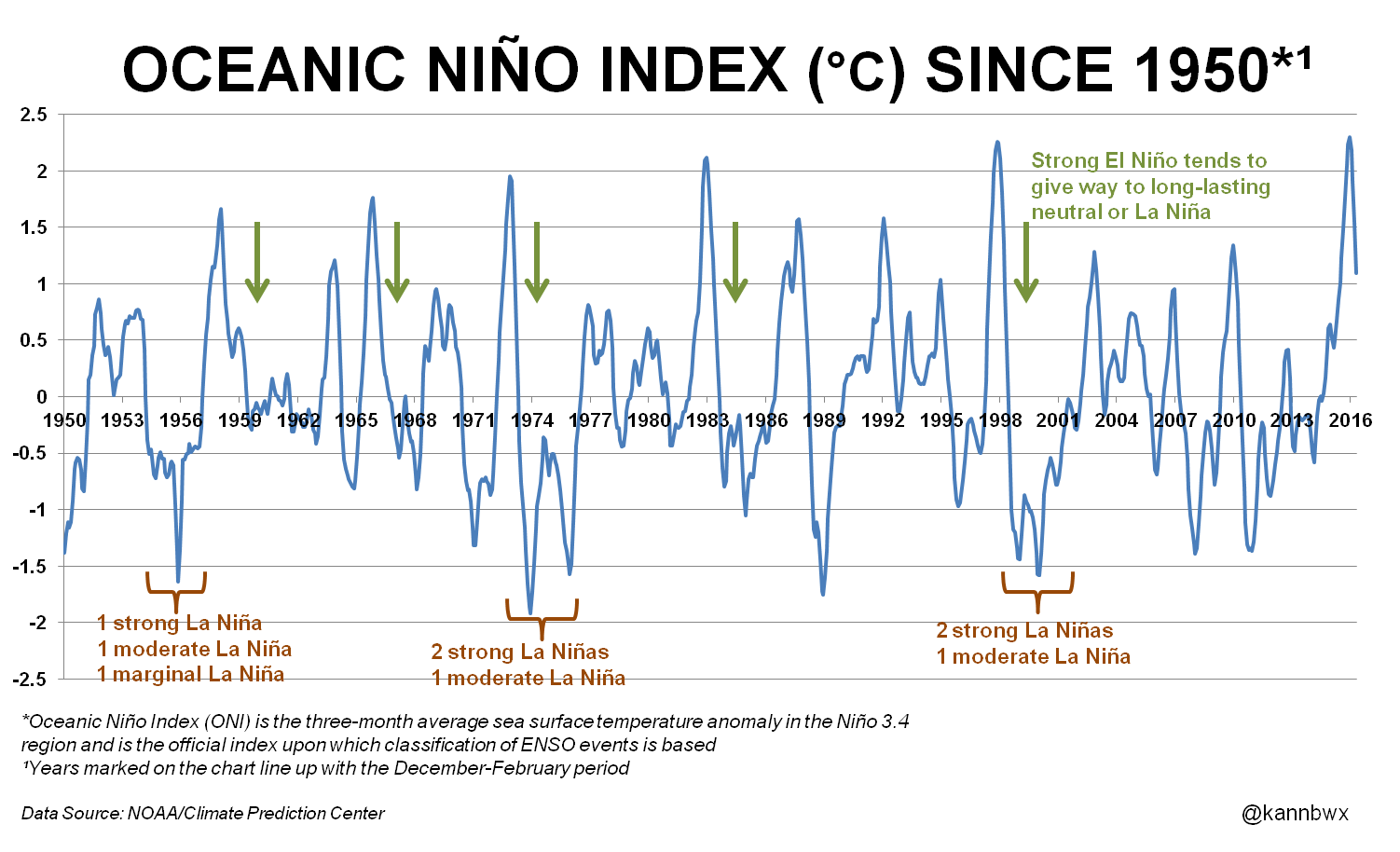


**Research**

**Answer the following questions using your phone**

1. El Nino has ramifications on the United States. **Explain** the general effects El Nino has on the USA.
2. Describe the difference between the weather in the winter in a **normal** year and an **El Nino** year in Peru. Identify **2** ways that El Nino weather endangers people and/or the environment.
3. Describe the difference between the weather in the winter in a **normal** year and an **El Nino** year in Australia. Identify **2** ways that El Nino weather endangers people and/or the environment.
4. Explain the effects of El Nino on Pacific Sea Life & productivity (food chains).
5. Based on the graph on page 9, what decade has had the most El Nino events since 1950?
6. If El Nino events occurred more often, **describe** what would happen to the coastal areas of the United States.

**ENSO: \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



**The Nino!**

