

Oceans Effect on Global Weather ^{2/6/15} (5)

1.) Gulf Stream

- powerful, warm ocean current
- starts in G. of Mexico and travels N along the E-coast of USA
- land close to the current is heated, which causes warmer climate

2.) Hurricanes

- aka typhoons and cyclones
- summer and fall when oceans are more than 82°F
- tropical depression first, then a tropical storm, finally a hurricane
- storm surge is most dangerous/deadly

3.) El Niño

- warming of equatorial Pacific waters
- causes an increase/decrease in tropical storms

4.) La Niña

- cooling of equatorial Pacific waters
- causes warmer and drier weather in SE U.S.A.
- other places around the globe are affected
- can last up to 3 years