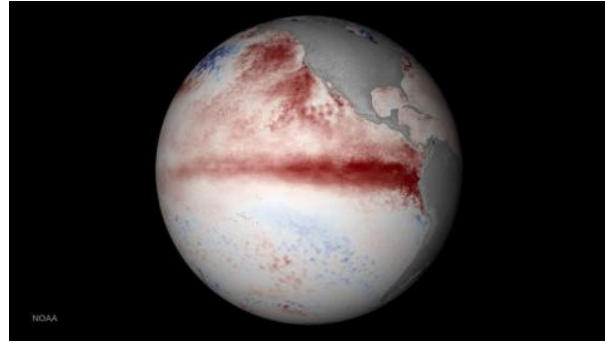




0. Hurricane or Typhoon - Story Preface

1. Water Currents Carry Drippy

2. Hurricane or Typhoon

3. Weather Observers

4. El Niño impacts ocean life

5. Eight month long pattern- An El Niño Review

6. Additional Interesting Facts

If you remember your geography, picture the area along the equator in the Pacific Ocean and as it stretching from South Asia and Australia to South America. Trade winds that blow towards the Equator now skim over the currents picking up moisture from the warmest ocean waters. The El Niño process takes about one year to complete and the changes are dramatic. Essentially the weather pattern reverses and Australia and South Asia experience drought instead of rain, and the Pacific Coast of South America experience a more intense rainy season.

There is so much that could happen to you. A strong wind could pick you up and make you part of a hurricane. If you are, be carefully because the wind can be very strong. Scientists use a Beaufort scale to assess the wind speed of a hurricane. A Category One hurricane averages between 74 and 95 miles per hour and a Category Five is for those hurricanes with speeds over 157 miles per hour. An adult has difficulty standing when winds are about 70 miles per hour. El Niño is known to lower the probability of hurricanes in the Atlantic, but it increases the chances and typhoons in the Pacific. Hurricanes, cyclones, and typhoons are all the same weather phenomenon they just have different names in different places. In the Atlantic ocean area the term "hurricane" is used. The same type of disturbance in the Pacific is called a "typhoon".

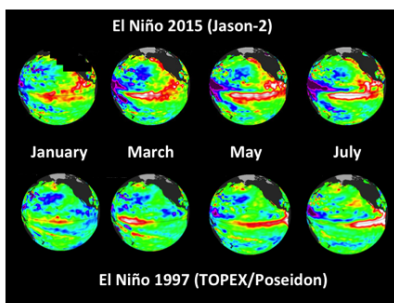
See Alignments to State and Common Core standards for this story online at:

<http://www.awesomestories.com/asset/AcademicAlignment/Hurricane-or-Typhoon-The-Little-Boy-Who-Can-Change-the-Weather-El-Ni-o>

See Learning Tasks for this story online at:

<http://www.awesomestories.com/asset/AcademicActivities/Hurricane-or-Typhoon-The-Little-Boy-Who-Can-Change-the-Weather-El-Ni-o>

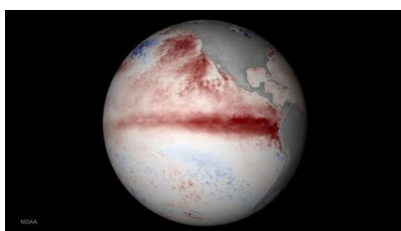
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Pacific Ocean band of warm weather

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