

0. Additional Interesting Facts - Story Preface

1. Water Currents Carry Drippy

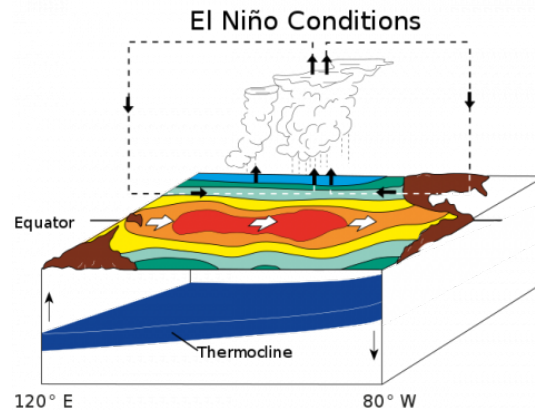
2. Hurricane or Typhoon

3. Weather Observers

4. El Niño impacts ocean life

5. Eight month long pattern- An El Niño Review

6. Additional Interesting Facts



This graphic depicts an El Niño state when the following conditions are present: Sea surface is warm in both the central and eastern Pacific; cooler water is pulled up along the west coast of South America; hot air rises in the central Pacific, traveling east and west before cooling and descending. [See NOAA](#) (the National Oceanic and Atmospheric Administration.)

By the way, El Niño has a sister. Her name is La Niña or Little Girl in Spanish and she is colder and has the opposite effect from her brother with warmer weather in the South and colder in the North. A La Niña is essentially the opposite of an El Niño.

During a La Niña, trade winds in the western equatorial Pacific are stronger than normal, and the cold water that normally exists along the coast of South America extends to the central equatorial Pacific. La Niñas change global weather patterns and are associated with less moisture in the air, resulting in less rain along the coasts of North and South America. They also tend to increase the formation of tropical storms in the Atlantic.

They are called trade winds because they propelled trade vessels in the days of sailing ships.

The surface area is called the horse latitudes that may have gotten their name from the "dead horse" ritual in which the seaman would parade a straw-stuffed effigy of a horse around the deck before throwing it overboard to celebrate having worked off the "dead horse" debt usually about the time European west sailors reached these latitudes.)

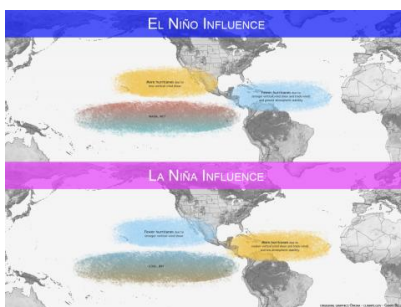
See Alignments to State and Common Core standards for this story online at:

<http://www.awesomestories.com/asset/AcademicAlignment/Additional-Interesting-Facts-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/Additional-Interesting-Facts-The-Little-Boy-Who-Can-Change-the-Weather-El-Ni-o>

Media Stream



Sibling Comparison

disneycruiselingblog.com, Gerry Bell

View this asset at: <http://www.awesomestories.com/asset/view/Sibling-Comparison>