



The Coriolis Effect

The Coriolis effect deflects objects (wind) moving toward the Equator to the west

The Coriolis effect deflects objects (wind) moving toward the poles to the east.























































































































Abnormal Conditions

El Niño: Spanish name for the male child

Sustained sea surface temperature anomalies across the central tropical Pacific Ocean.



Initially referred to a weak, warm current appearing annually around Christmas time along the coast of Ecuador and Peru and lasting only a few weeks to a month or more.

Every three to seven years, an El Niño event may last for many months











El Niño is driven by slackening of easterly winds off the coast of Peru.

This results in less upwelling of cool nutrient-rich water.

Persistent El Niño allows warm moist air to persist near Peru leading to high rainfall in an area that typically receives little rain.

Conversely, Australia and Indonesia experience drought.



