

El Niño Impacts

El Niño is characterized by unusually warm temperatures. Looking more into, it is when warmer than average sea surface temperatures occur. El Niño can be seen by measurements of the sea surface temperature, every three to seven years because it occurs most noticeably every three to seven years. This happens across the tropical Pacific Ocean and in the Equatorial central every year. Even though it occurs annually, some years it is intensified around Christmas and winter. Basically, the impacts of El Niño in climate in temperate latitudes show up most clearly during wintertime. In the years that El Niño is noticed, it has a lot of impacts on many regions of the world but a lot of the impacts are shown in the US.

This warming of the sea water, El Niño influences weather patterns throughout the world. There are both positive and negative impacts created by El Niño. A positive effect of El Niño is that the number of hurricanes is lower when it is present. When it's not there are a lot more hurricanes that are intense, creating unusual storms and the destruction of marine life in the region. The negative effects of El Niño is that it causes extreme weather, such as floods and droughts. Places where there isn't usually rain get a lot of rain, while places where it usually does rain is dry. In the months of October through March, regions tend to have more rainfall than usual in the southwest part of the US. This causes destructive flooding, but then droughts in the West. Another negative effect is that the west coast of Mexico and the United States see more landfalling hurricanes during El Niño. In the central Pacific Ocean El Niño brings more typhoons, both north and south of the equator. El Niño also brings other harmful impacts.

The other impact that is harmful is directed specifically towards humans. El Niño has been linked to outbreaks of dengue, malaria, and cholera. El Niño season increased diarrheal disease admissions. The researchers estimate that diarrheal disease admissions increased by more than 8% with every 1 degree C. rise in temperature above the normal expected admissions by 200%. These diseases are harmful to the people who are exposed to the water affected by El Niño.

My predictions of El Niño in the future is that it will have more harmful impacts to not only the US, but to the whole world. There will be more droughts and floods. I also think that winter will begin to look less than winter because it will get much warmer. The effects of El Niño will increase in the future.