

Matyson Jones

*Global Storming: Is Climate Change Intensifying the Number and Duration of Tropical Storms and Hurricanes?*

This year my project is on hurricanes and global warming. What I was looking to see is if Global Warming causes an increase in the duration and intensity of the storms and causes them to be higher category storms. I started out by researching data on hurricanes and their classification. The time line I used ranged from 1940-2017. From there I went into Tropical storms. Then I looked at the categories of the storm and looked to see how many there were for each category. I went in and compared wind speed to Lowest MB pressure. I compared Hurricanes and Tropical Storms to CO2 Levels and Change in Ocean Temperature and did data analysis and then made scatter plots. My data showed that there were correlations between temperature and the duration of storms as well as CO2 levels and duration.