For our project, we would like to analyze the forecasted track error for 2 major hurricanes within the past two decades, in order to compare the ability of the GFS and NAM model to forecast properly. These forecasted tracks will be compared to actual tracks for each of the hurricanes. Our method will consist of comparing the latitude and longitude of the forecasted tracks with the actual path of the hurricanes. The forecasted tracks will be retrieved from the Weather Underground Tropical Storm archive. These tracks will then be compared with observed paths from the National Hurricane Center and Weather Undergrond verified tracks. This research is intended to explore the questions associated with accurate forecast abilities of the GFS and NAM models to tropical storm tracks. The mean, standard deviation and other statistical procedures will be used in extrapolating and interpreting the data.


National Hurricane Center: [http://www.nhc.noaa.gov/](http://www.nhc.noaa.gov/)