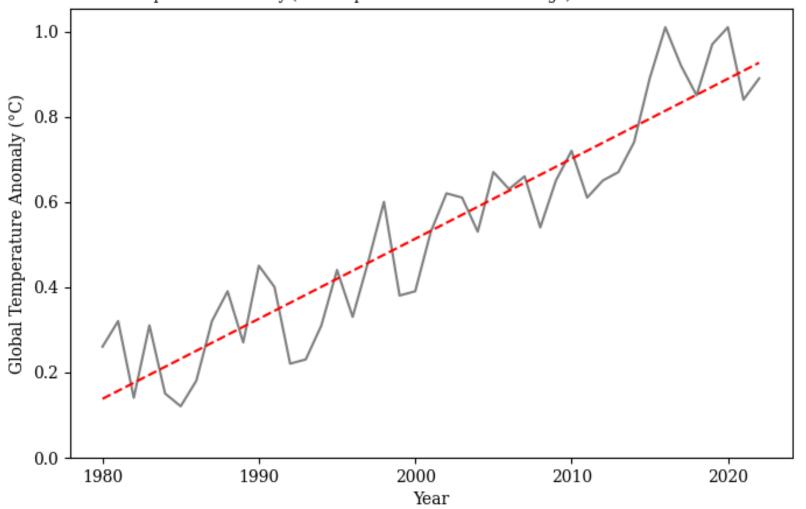
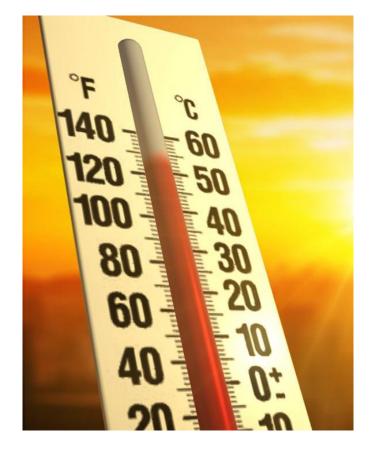


Global temperatures have been on the rise

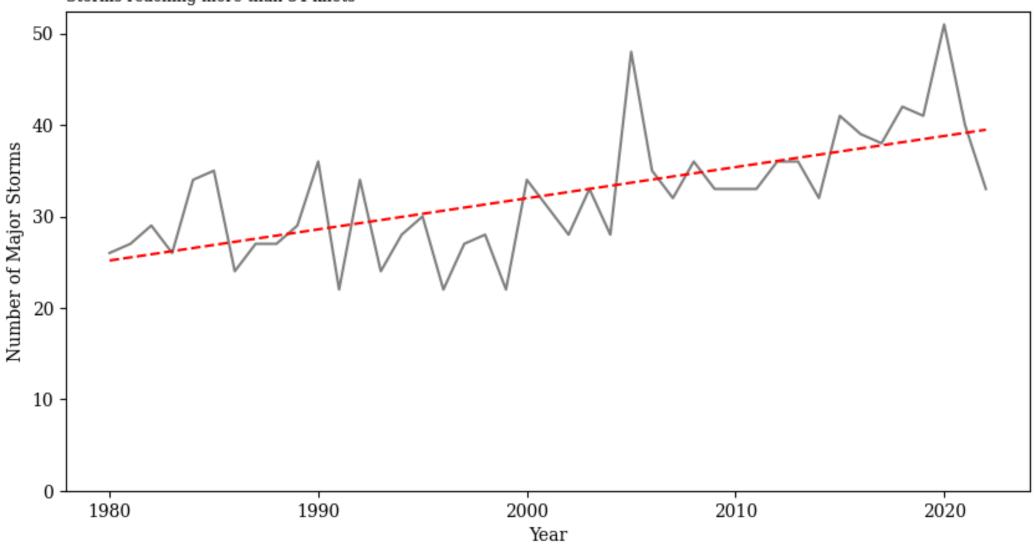
Global Temperature Anomaly (°C Compared to 1951-1980 Average)



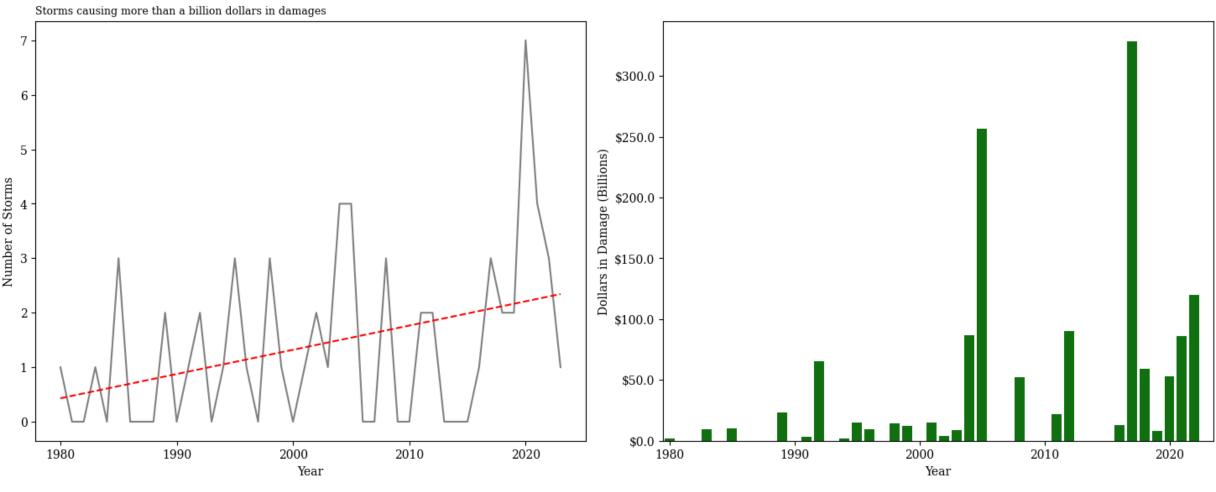


The number of major storms has also increased

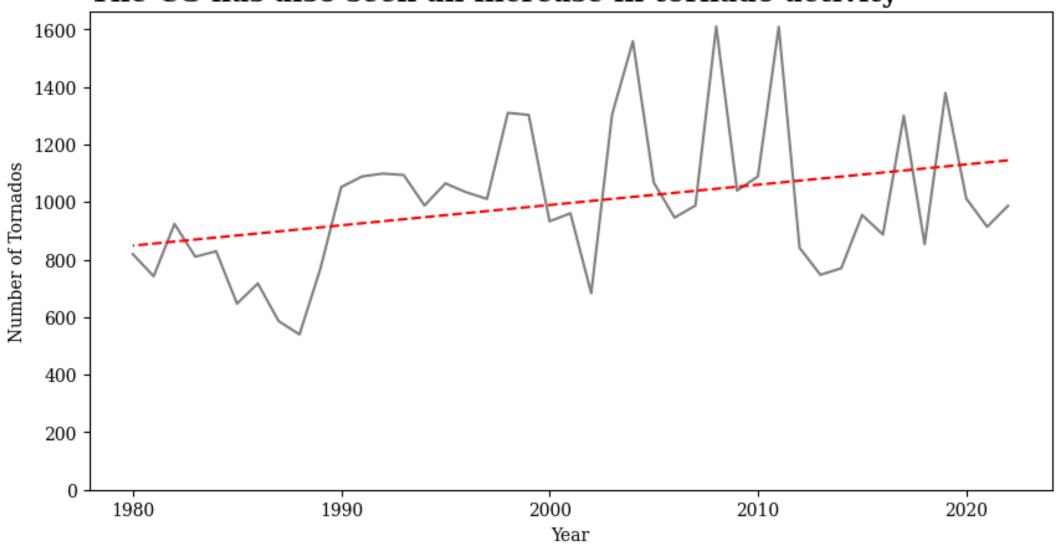
Storms reaching more than 34 knots



In the US, the number of extremely damaging storms has increased, causing billions of dollars in damages



The US has also seen an increase in tornado activity







Conclusions:

- As the Earth's temperature rises, there is an increase in the amount and intensity of cyclonic storms
- From 1980-2022:
 - There has been an increase in the number of global major storms
 - There has been an increase in the number of extremely damaging and costly US storms
 - There has been an increase in the number of US tornados

Data Sources

- Global Temperature Anomalies: https://climate.nasa.gov/vital-signs/global-temperature/
- Hurricanes and Typhoons (Atlantic and Pacific Hurricanes): https://www.nhc.noaa.gov/data/#hurdat
- US Hurricane Damages: <u>https://www.ncei.noaa.gov/access/billions/time-series</u>
- US Tornados: https://www.ncei.noaa.gov/access/monitoring/tornadoes/