

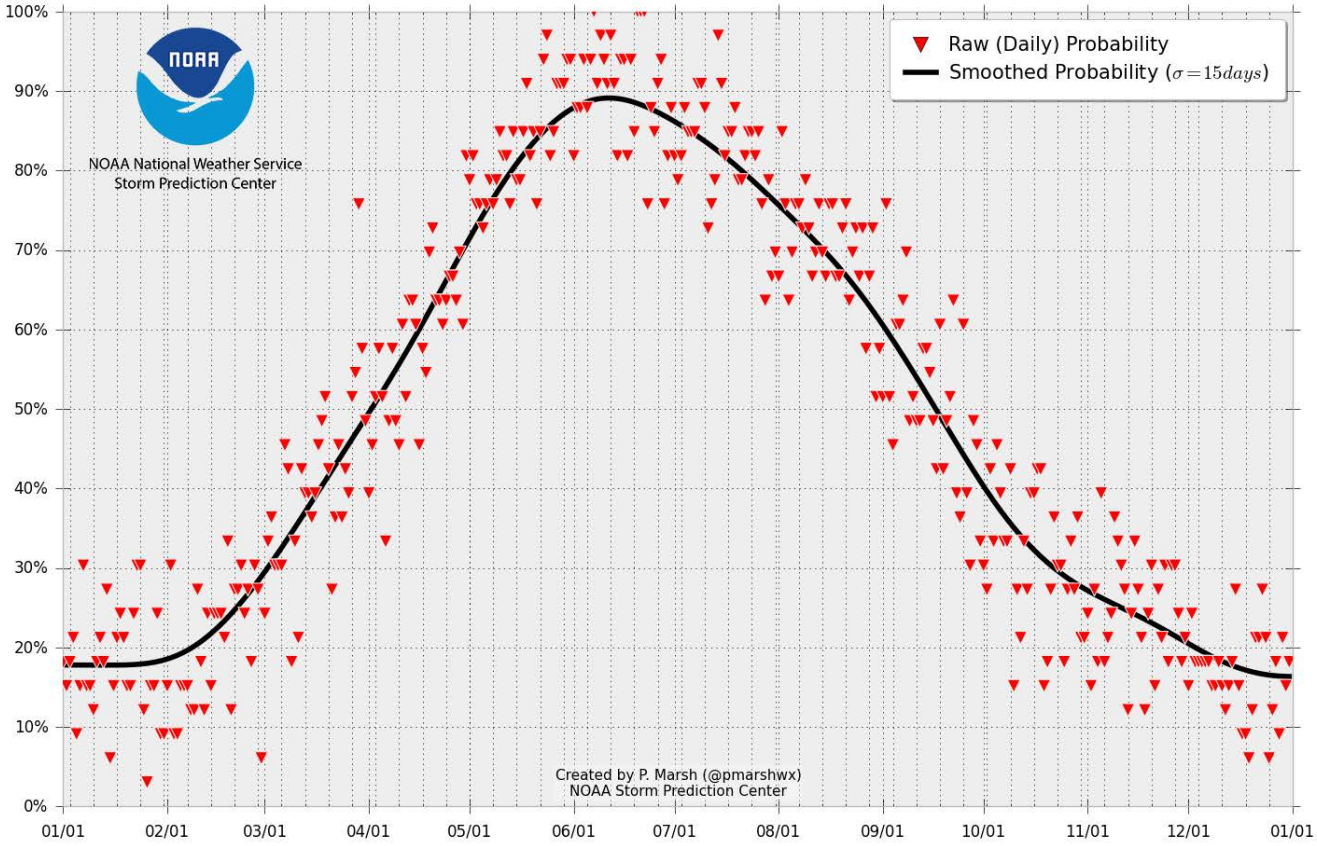
SEVERE WEATHER CLIMATOLOGY ACROSS THE NORTHEAST REGIONAL CLIMATE AREA

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WHAT IS 'TORNADO SEASON'?

Daily Probability of 1+ Tornadoes in the United States Derived From 1980-2012



NOAA National Weather Service
Storm Prediction Center

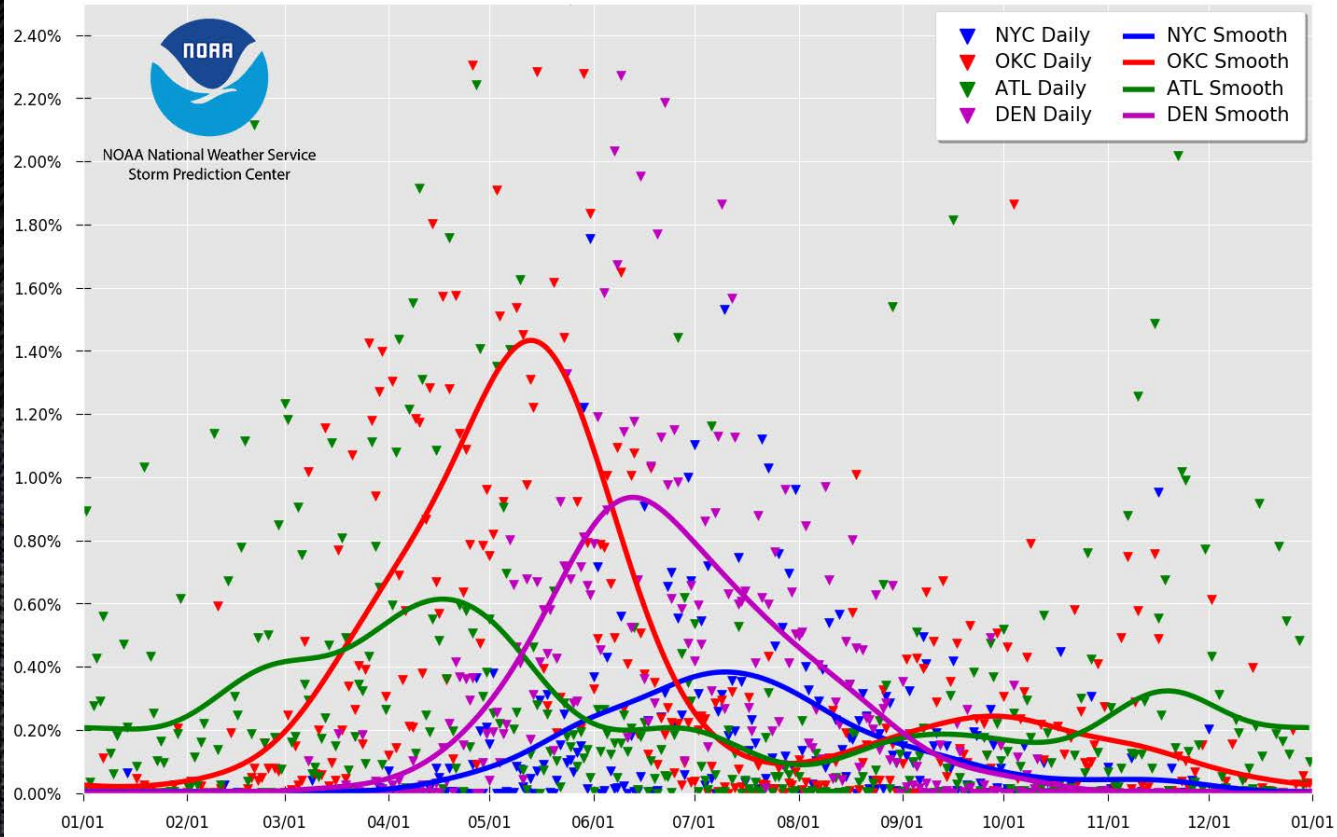
▼ Raw (Daily) Probability
— Smoothed Probability ($\sigma = 15$ days)

Created by P. Marsh (@pmarshwx)
NOAA Storm Prediction Center

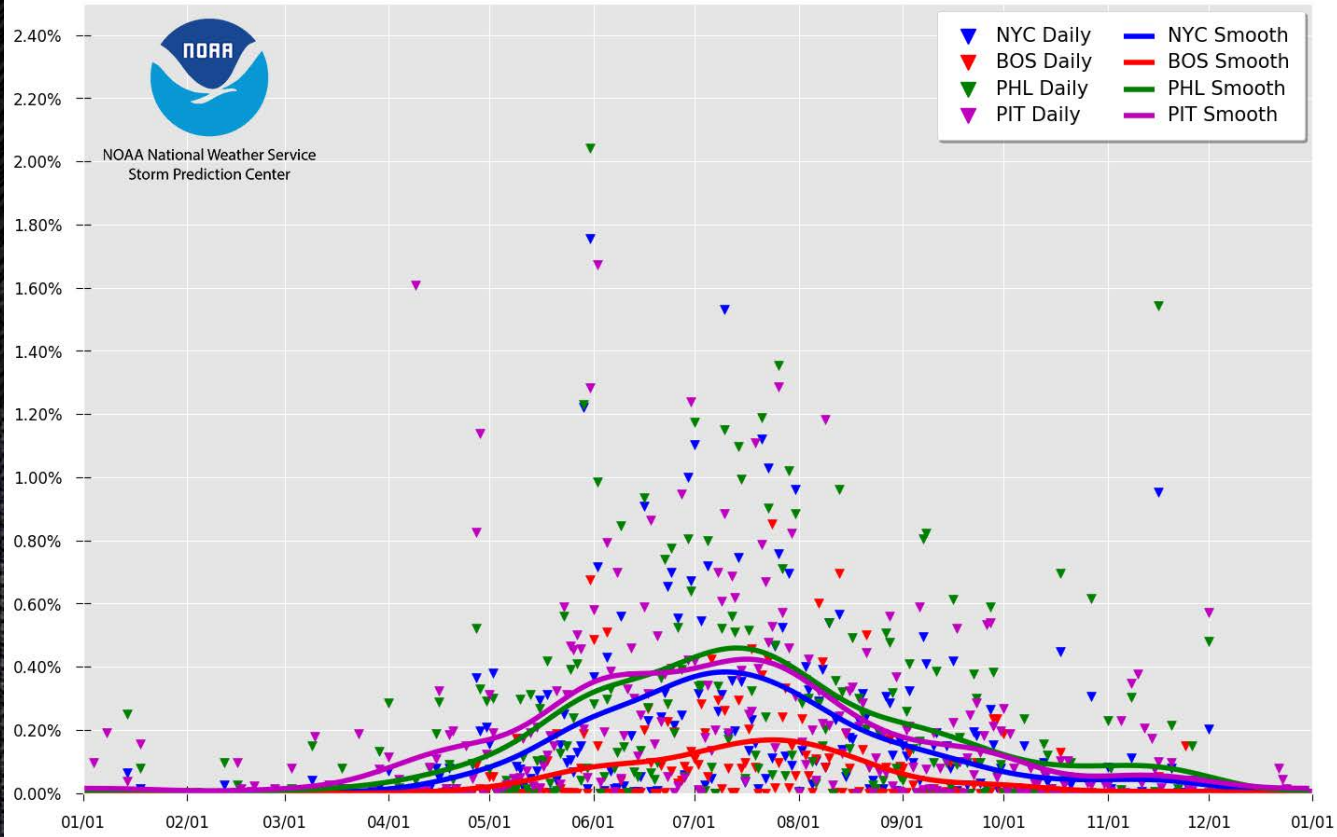


OR IS IT?

Daily Probability of 1+ Tornadoes Derived From 1986-2015



Daily Probability of 1+ Tornadoes Derived From 1986-2015



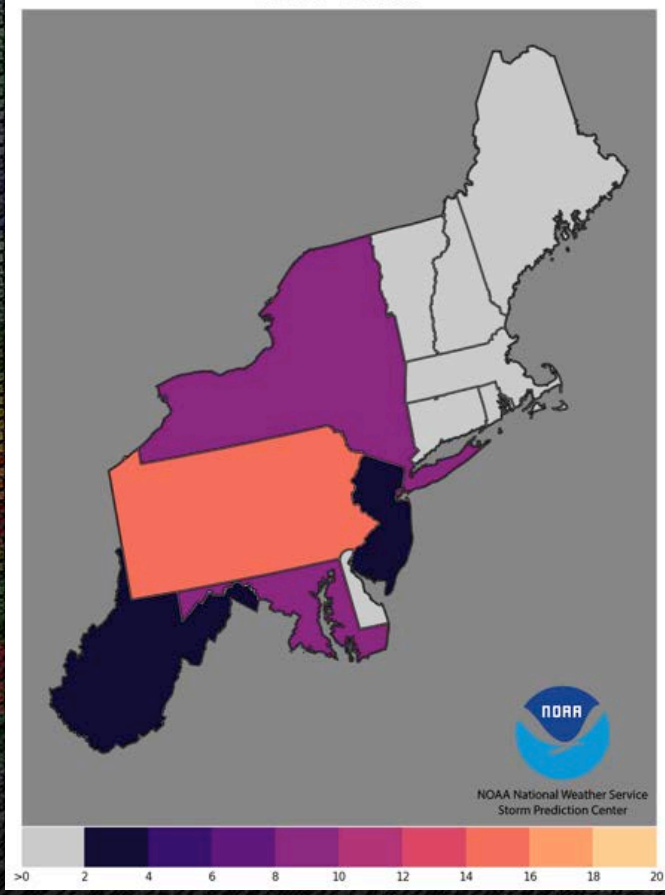
NOAA National Weather Service
Storm Prediction Center

- NYC Daily
- BOS Daily
- PHL Daily
- PIT Daily
- NYC Smooth
- BOS Smooth
- PHL Smooth
- PIT Smooth

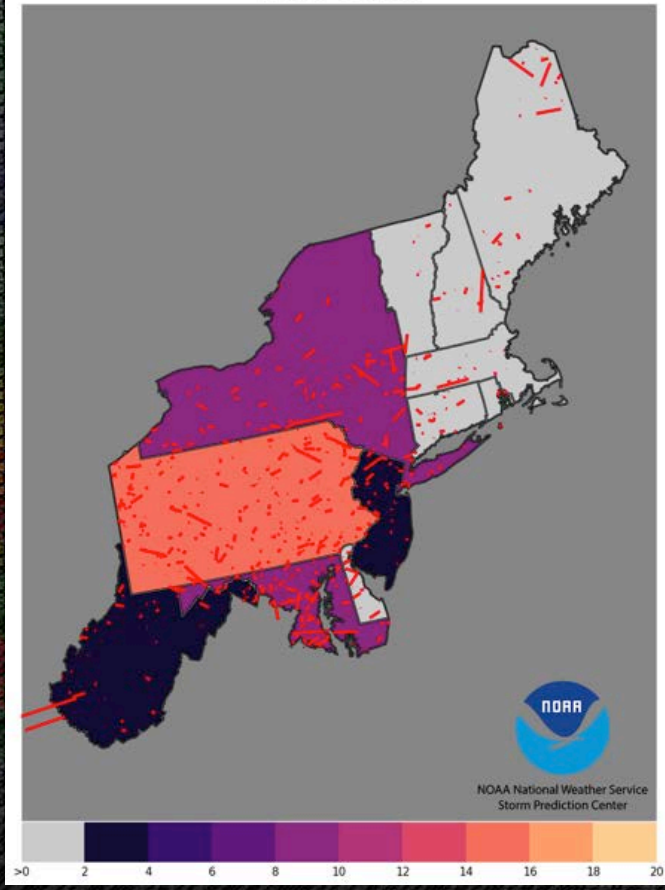


AGGREGATE NORTHEAST SEVERE WEATHER OVER THE LAST 30 YEARS

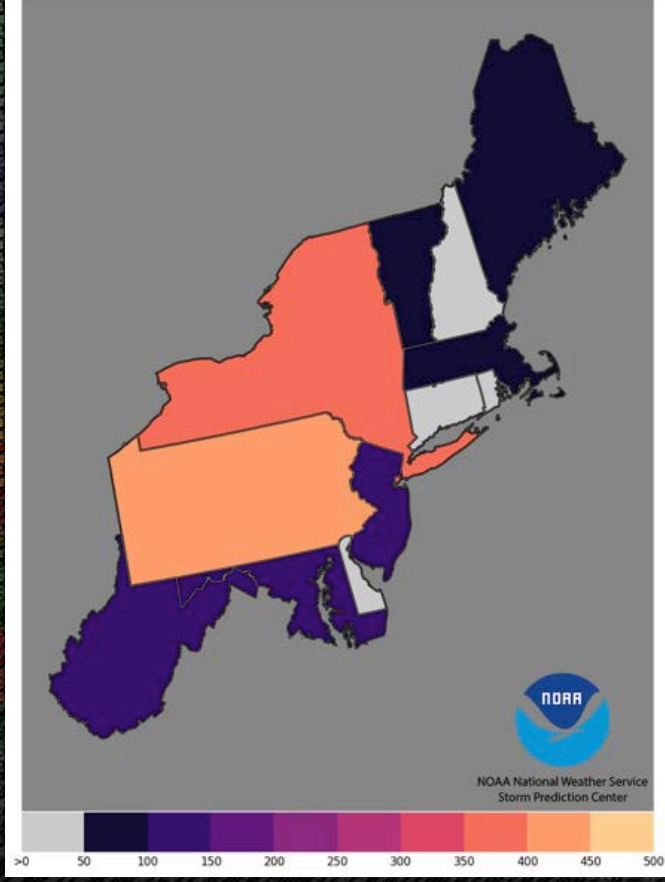
Mean Tornado Report Counts per Year 1987-2016



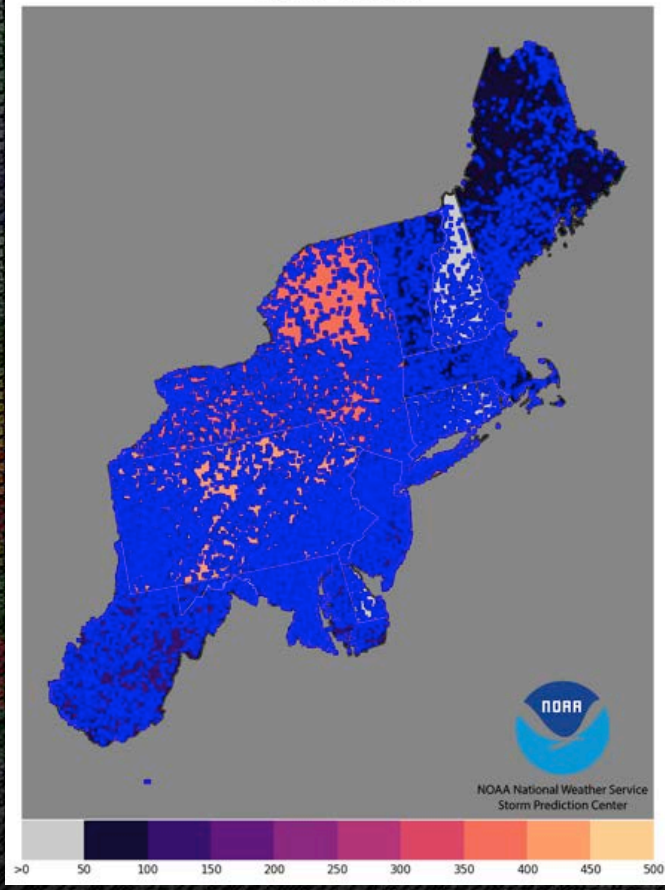
Mean Tornado Report Counts per Year 1987-2016



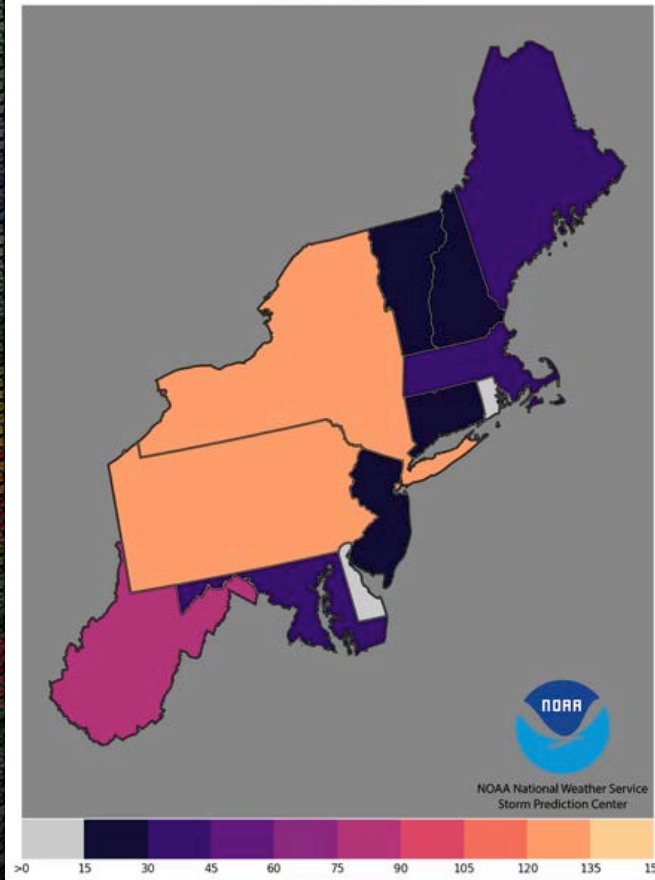
Mean Wind Report Counts per Year 1987-2016



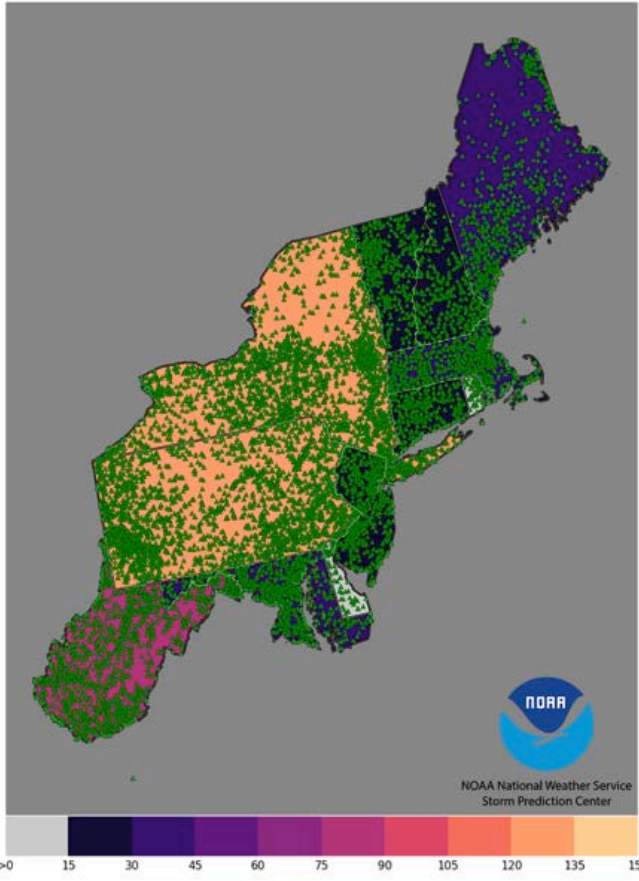
Mean Wind Report Counts per Year 1987-2016



Mean Hail Report Counts per Year 1987-2016



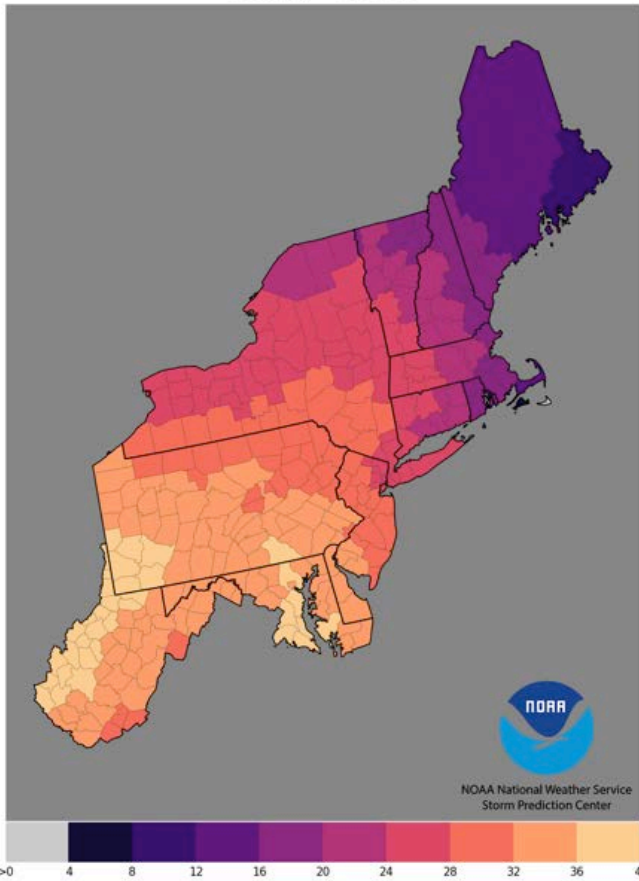
Mean Hail Report Counts per Year 1987-2016



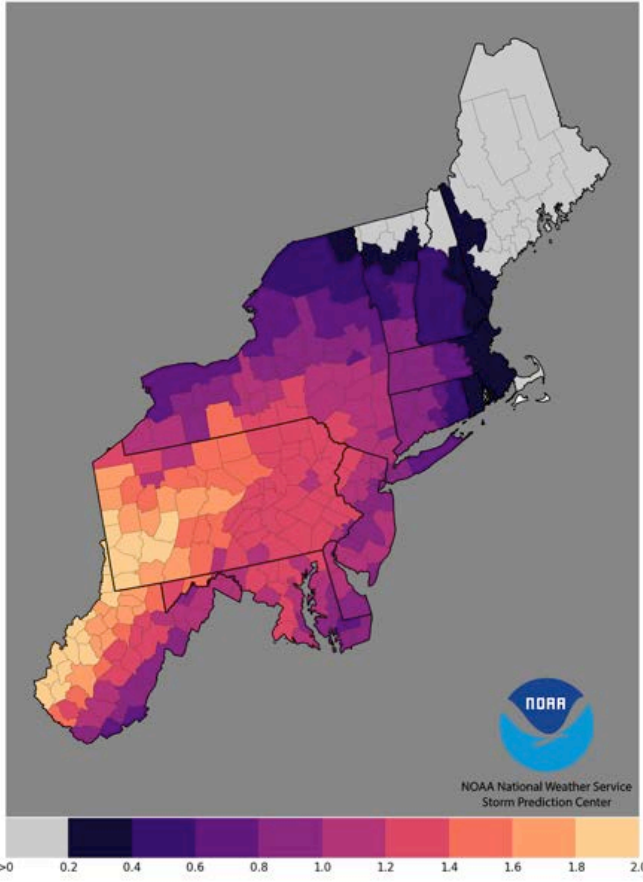


**HOW DOES THIS TRANSLATE INTO STORM
PREDICTION CENTER PRODUCTS?**

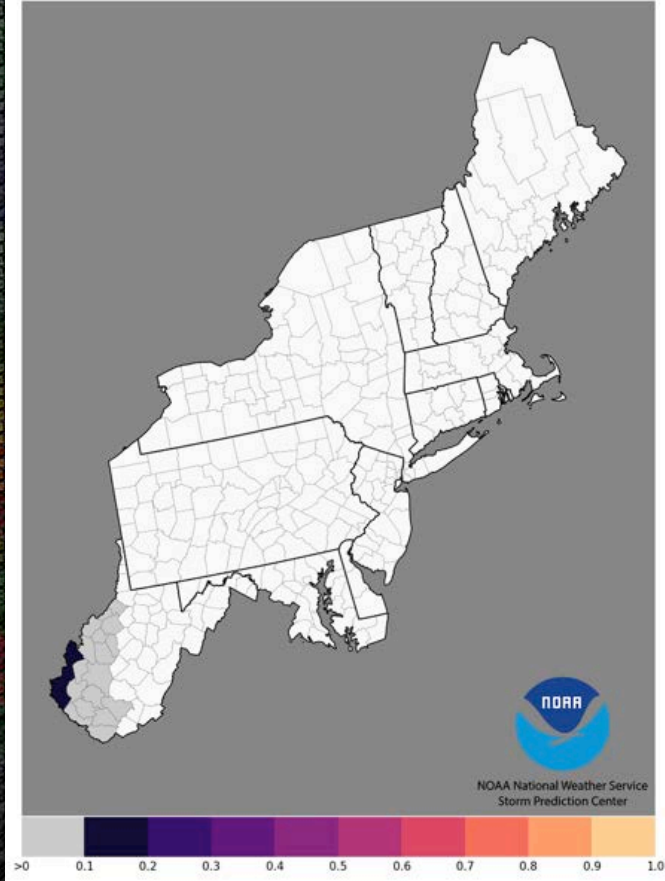
Slight Risk Days per Year 2000 - 2015



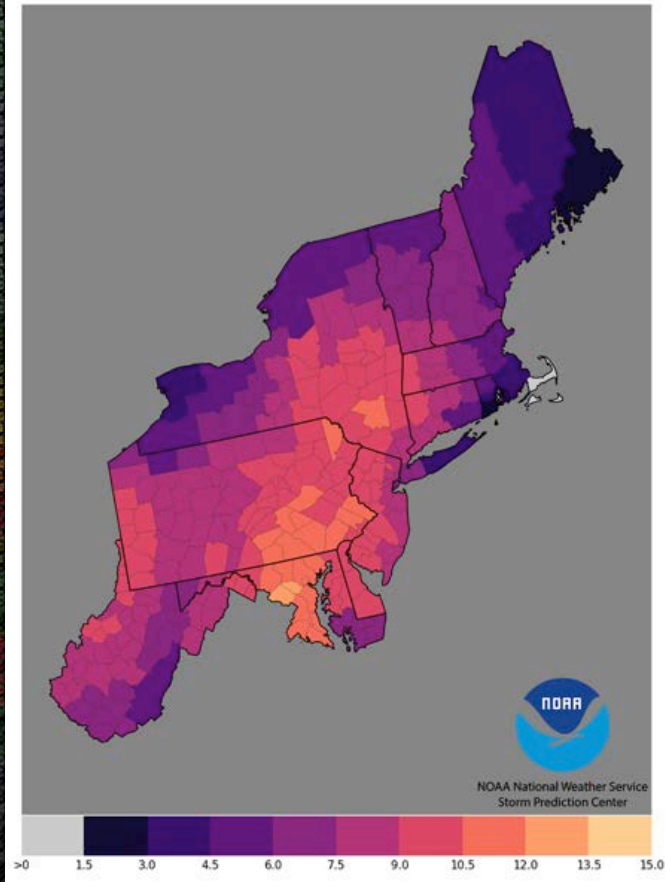
Moderate Risk Days per Year 2000 - 2015



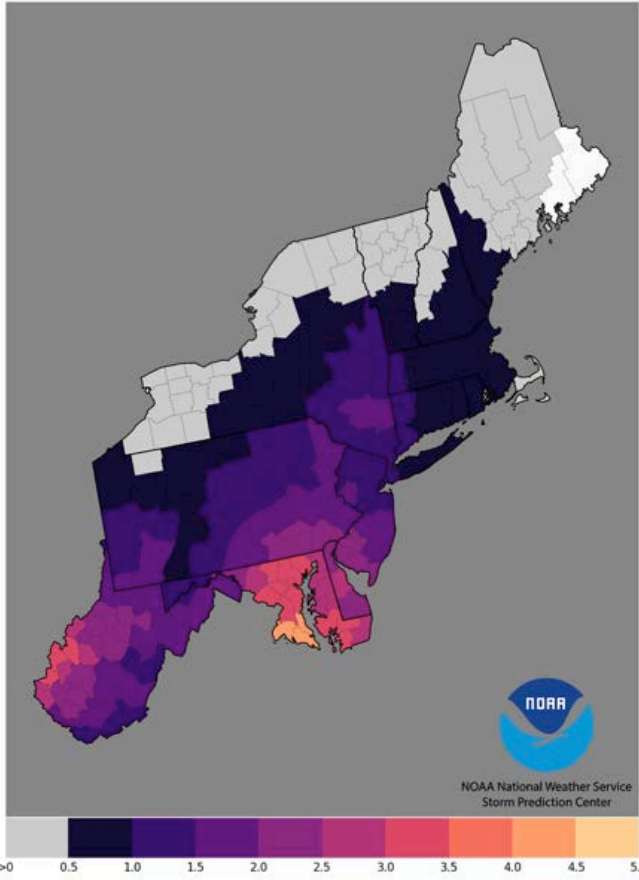
High Risk Days per Year 2000 - 2015



Severe Thunderstorm Watches per Year 2006 - 2015



Tornado Watches per Year 2006 - 2015





THE END!

**PLEASE DO NOT HESITATE TO
EMAIL OR TWEET ME WITH
ANY QUESTIONS ...**



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