

# Ein turbulentes Land: Die USA und ihre Wetterextreme

# Fokus

- Nordamerika: **USA**
- **Klimatisch** bedingte Phänomene, Wetterereignisse  
(keine Vulkanaktivitäten, Erdbeben,...)
- **Extreme**: Hurricanes, Tornados, Dürren, Waldbrände,  
Überschwemmungen, Blizzards



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## USA has the world's most extreme weather

Doyle Rice | USA TODAY

North America — and the USA in particular — has the world's wildest weather extremes: No other part of the planet can boast its ferocious weather stew of hurricanes, tornadoes, droughts, floods, wildfires, blizzards, heat waves and cold snaps.

"You'd be hard-pressed to find another patch of land on Earth the size of the USA that boasts such a variety of such intensely extreme weather inside its borders," says meteorologist and author Robert Henson of Boulder, Colo.

"We get more high-impact weather than any other country on the planet," agrees Sean Potter, a meteorologist and weather historian in New York City.

# „USA has the world's most extreme weather“

*„Kein anderer Teil des Planeten kann sich mit einer derart wilden Mischung aus Hurrikans, Tornados, Dürren, Überschwemmungen, Buschbränden, Blizzards, Hitzewellen und Kälteeinbrüchen rühmen.“*

<https://eu.usatoday.com/story/weather/2013/05/16/extreme-weather-north-america/2162501/>



Tornado in Kansas, Mai 2016



Waldbrände in Kalifornien, 2020



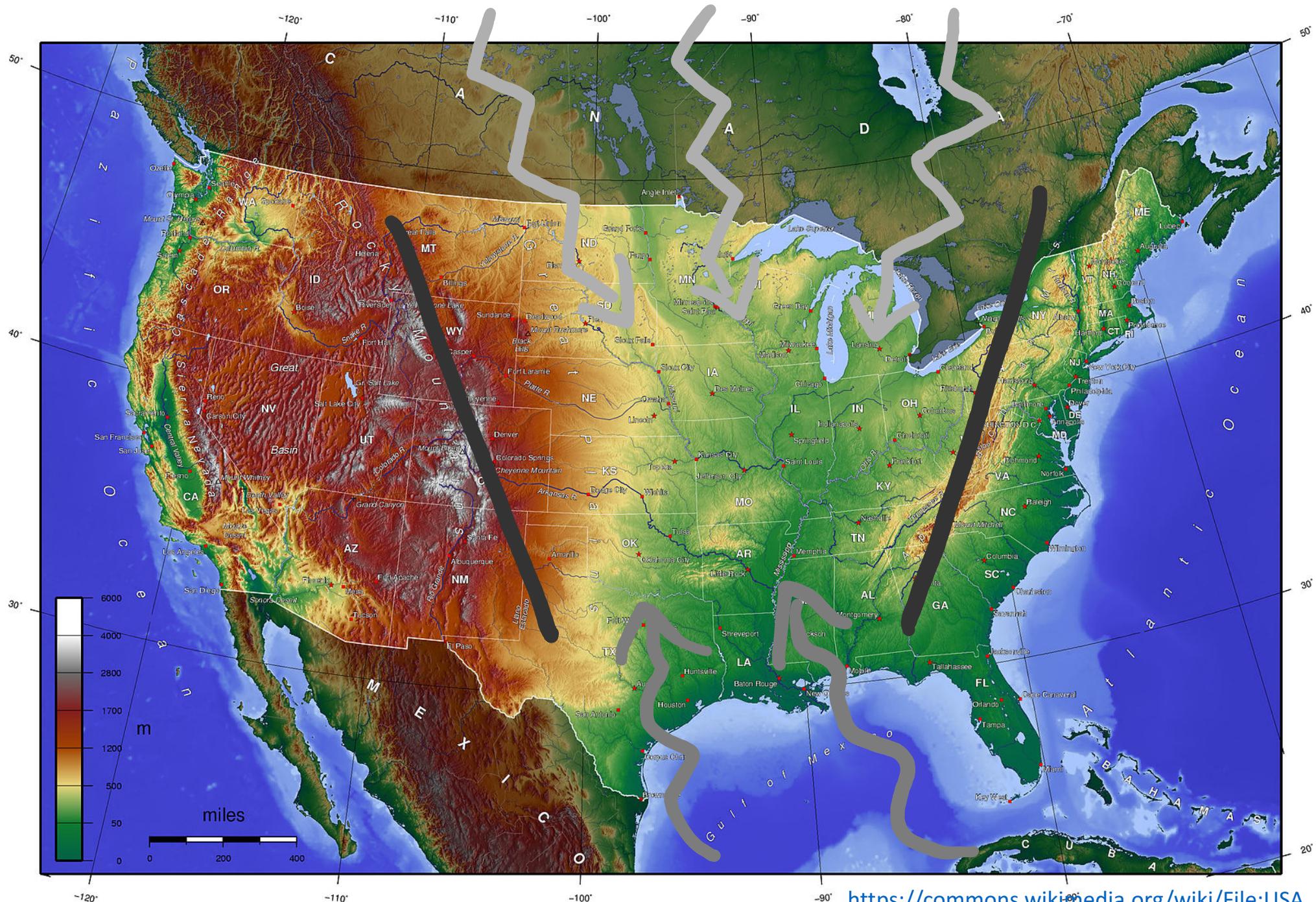
Blizzard an der Ostküste, 2021

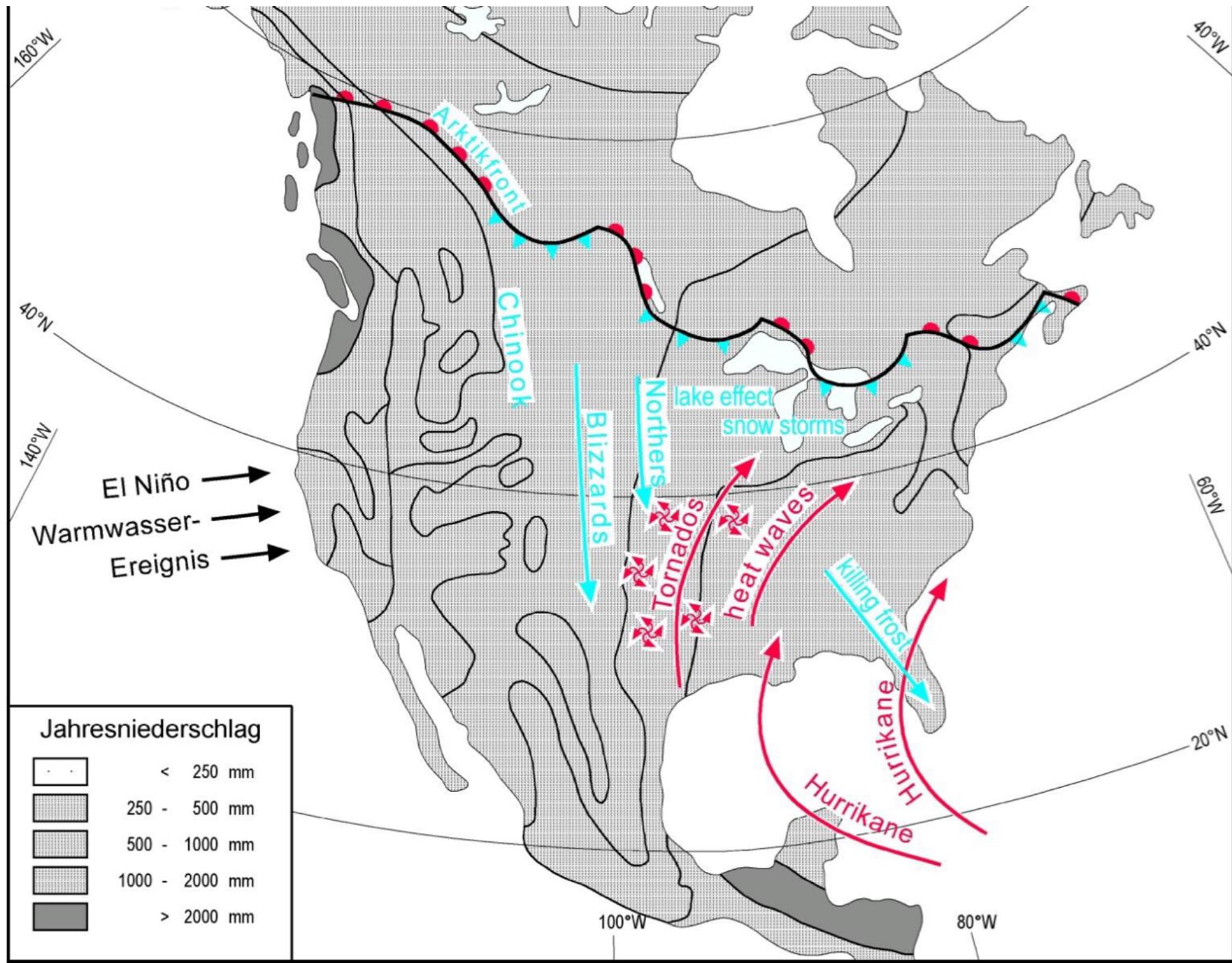


Hurricane Ian in Florida, September 2022

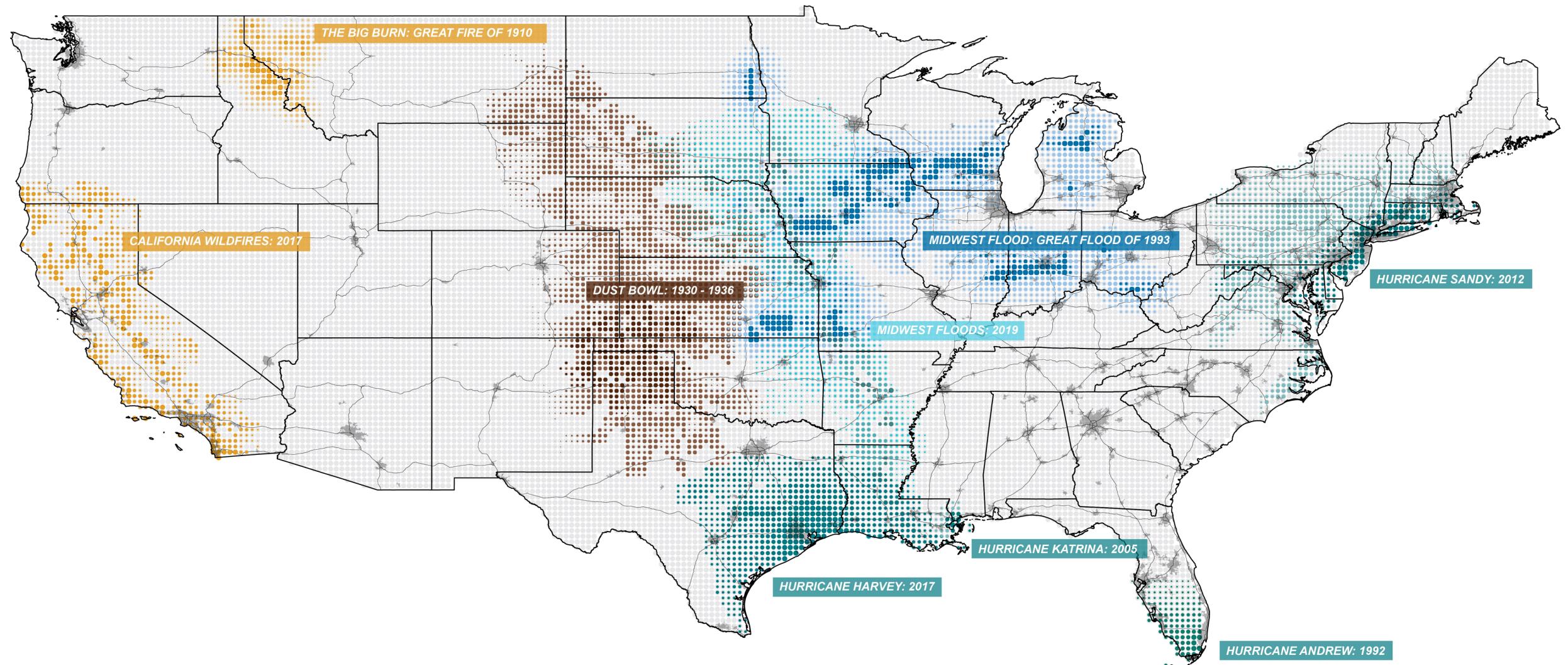
# Was macht das Wetter so wild?

- **Lage:** weit ausgedehnt **zwischen Nordpol und Äquator, zwischen zwei Ozeanen**
- Nord-Süd ausgerichtete **Gebirge** (Appalachen & Rocky Mountains), **keine Ost-West-Barrieren**
  - kalte, trockene, arktische Luft aus Kanada trifft ungehindert auf warme, feuchte, tropische Luft vom Golf von Mexiko, Pazifik und Atlantik („kanalisiert“ durch Gebirge)
  - Massive Stürme, bringen zB. Blizzards, heftige Regenfälle und Unwetter mit sich

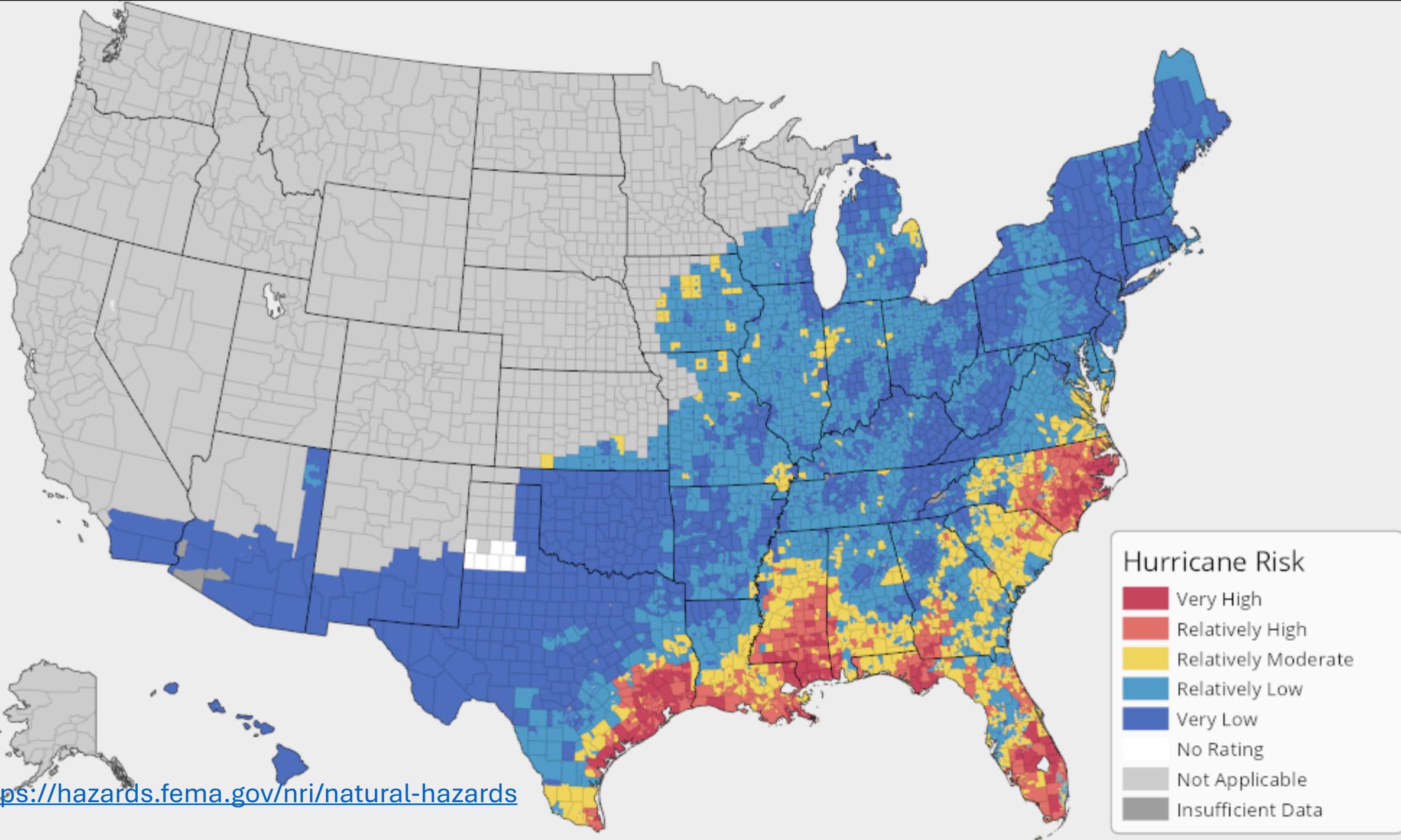




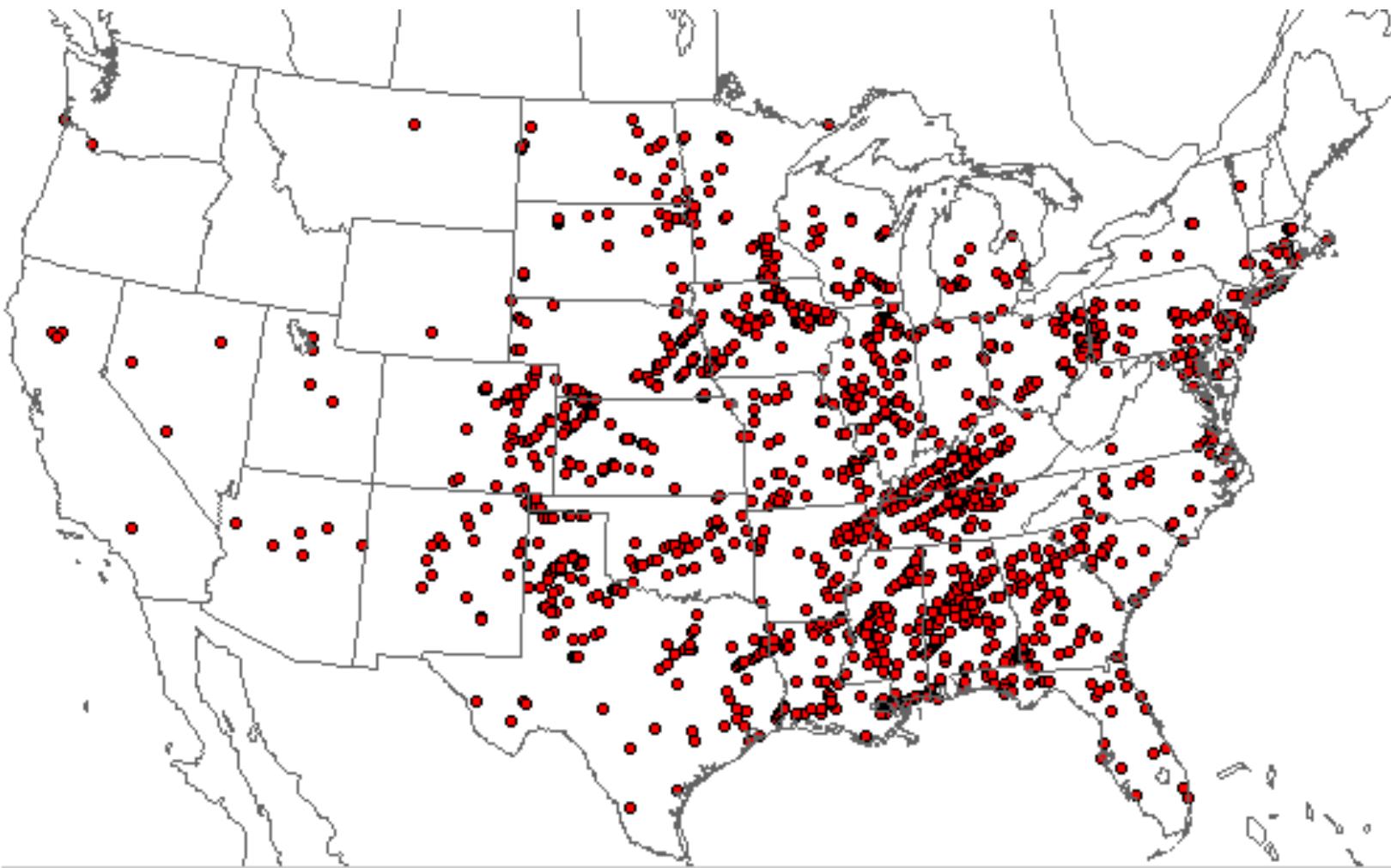
Quelle: Vorlesung  
Glaser



<https://mcharg.upenn.edu/2100-project-atlas-green-new-deal>



<https://hazards.fema.gov/nri/natural-hazards>



**PRELIMINARY SEVERE WEATHER  
REPORT DATABASE (ROUGH LOG)**

NOAA/Storm Prediction Center Norman, Oklahoma

**Tornado Reports**  
**January 01, 2021 - December 31, 2021**

Updated: Friday January 28, 2022 13:06 CT

