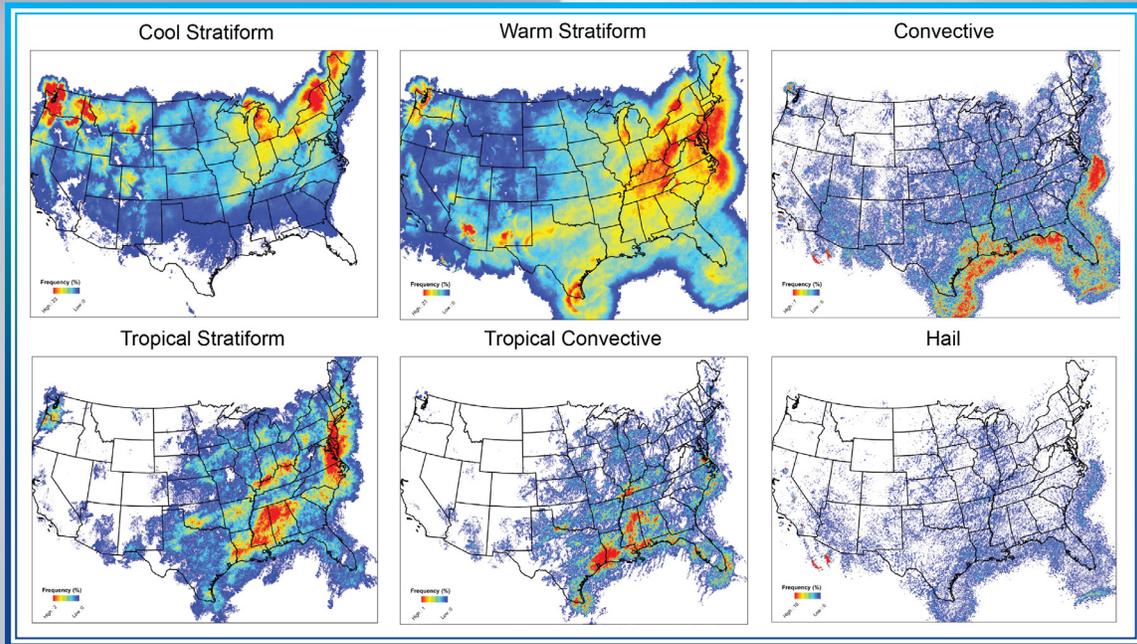




NEXRAD – QUANTITATIVE PRECIPITATION ESTIMATE



CLIMATE DATA RECORD SPECIFICATIONS

- CONUS coverage
- 1km × 1km product resolution
- 2002–2011

VARIABLES TO THIS CLIMATE DATA RECORD

- Precipitation rate
- Gauge-corrected quantitative precipitation estimate
- Radar-only quantitative precipitation estimate
- 2-dimensional mosaicked reflectivity
- Radar quality index
- Precipitation flags

SOME USES OF THIS CLIMATE

DATA RECORD

- Identification of various types of precipitation
- Estimation of radar reflectivity
- Recognition of storm patterns
- Forecasting technologies for rainfall estimation
- Associating different phases of precipitation such as hail, freezing rain, and snow with radar observations

NEXRAD QUANTITATIVE

PRECIPITATION ESTIMATES:

<https://www.ncdc.noaa.gov/cdr/atmospheric/precipitation-nexrad-qpe>

CLIMATE DATA RECORD INFORMATION:

<http://www.ncdc.noaa.gov/cdr>



NOAA's Climate Data Record (CDR)



www.climate.gov
www.ncei.noaa.gov