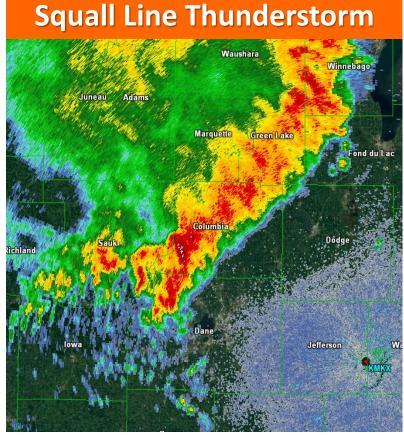


# Common Radar Features

## Types of Thunderstorms

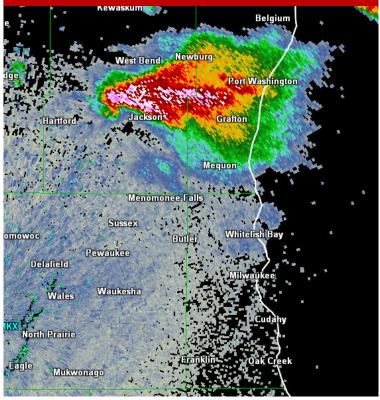
# **Ordinary Thunderstorm**

- Shorter lived
- ✤ "Pulse storms"
- Brief heavy rain, small hail, gusty winds



- Most common severe weather type
- Longer lived
- Bowing features
- Damaging winds/tornadoes

#### **Supercell Thunderstorm**

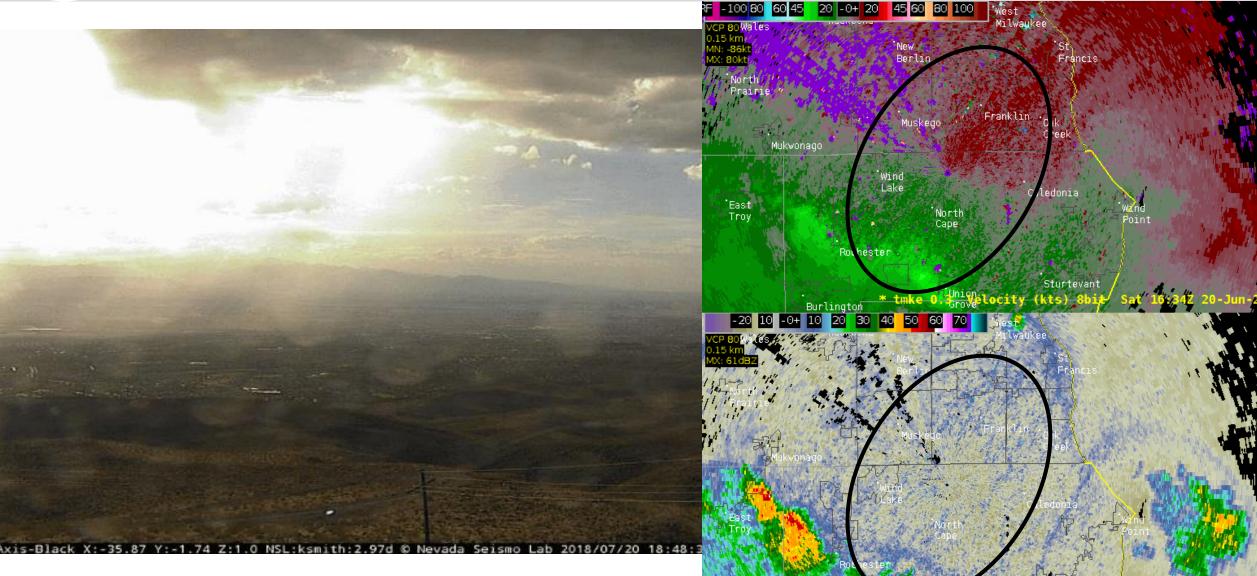


- Rare, higher end severe weather
- Longer lived
- Hook/pendant feature
- ✤ Large tornadoes, large hail, winds



## Wind Features: Downbursts

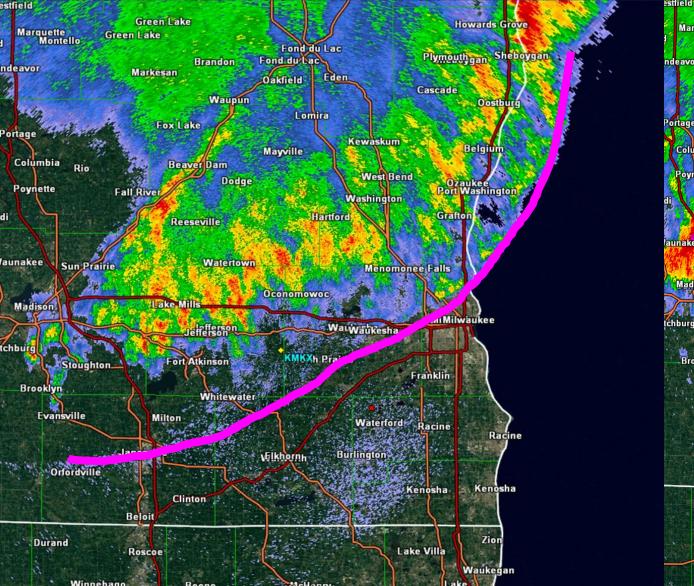
Short lived burst of strong, downward winds

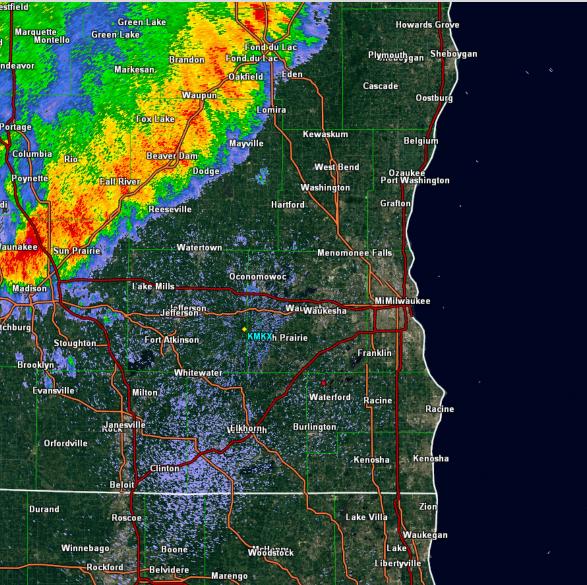




# Wind Features: Outflow Boundary

#### Wind shift out ahead of main rain area

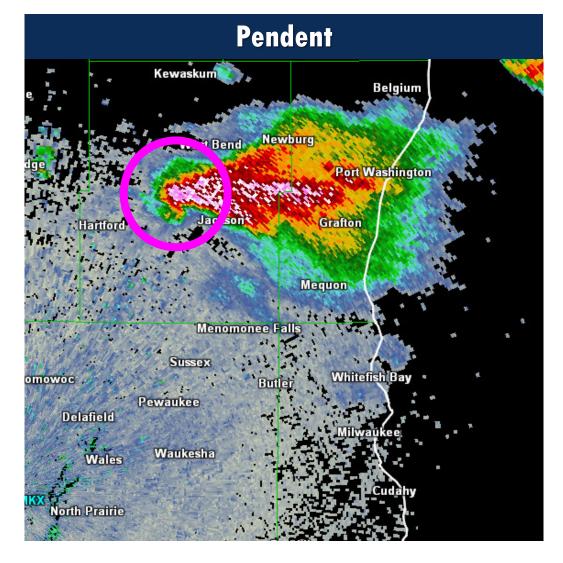


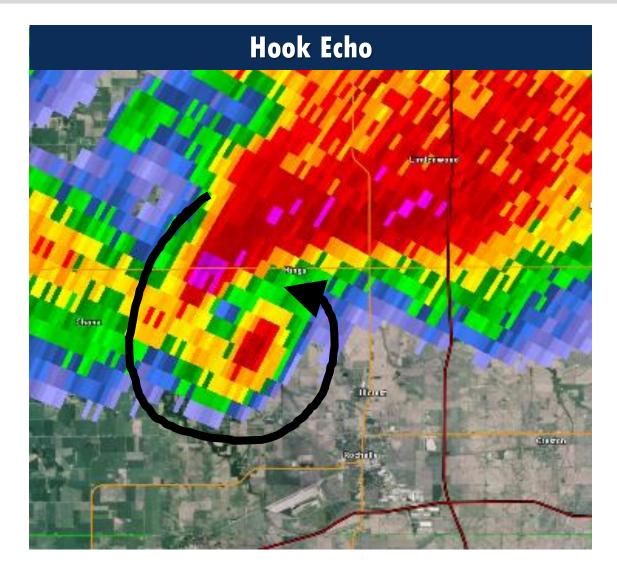




# Hook Echo/Pendent

Supercells, indicative of rotation in updraft



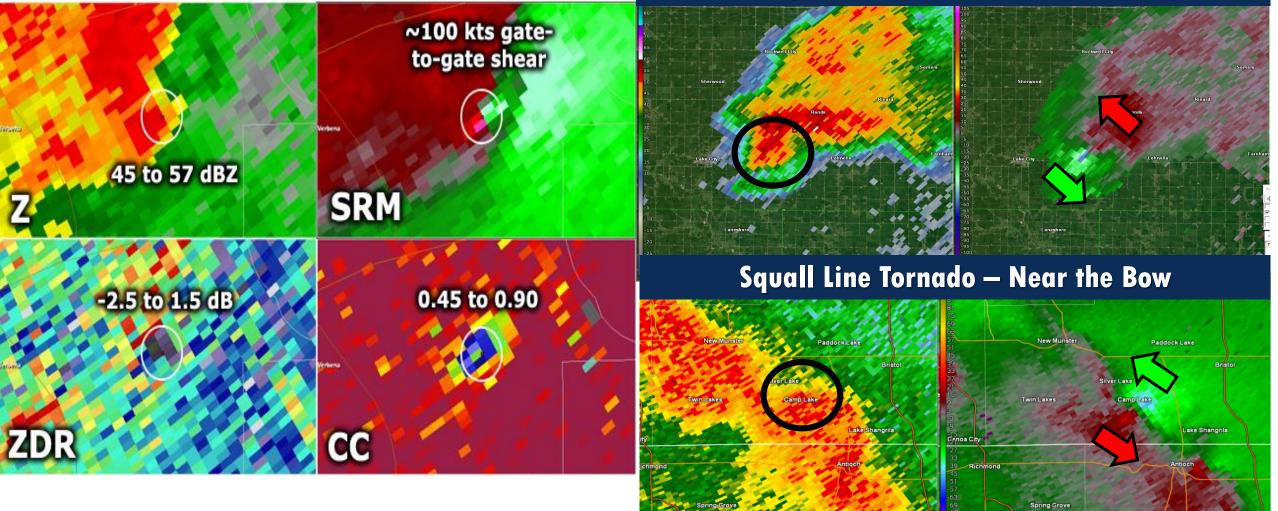




## Tornadoes

Most common with supercells and squall lines, Can see Tornadic Debris

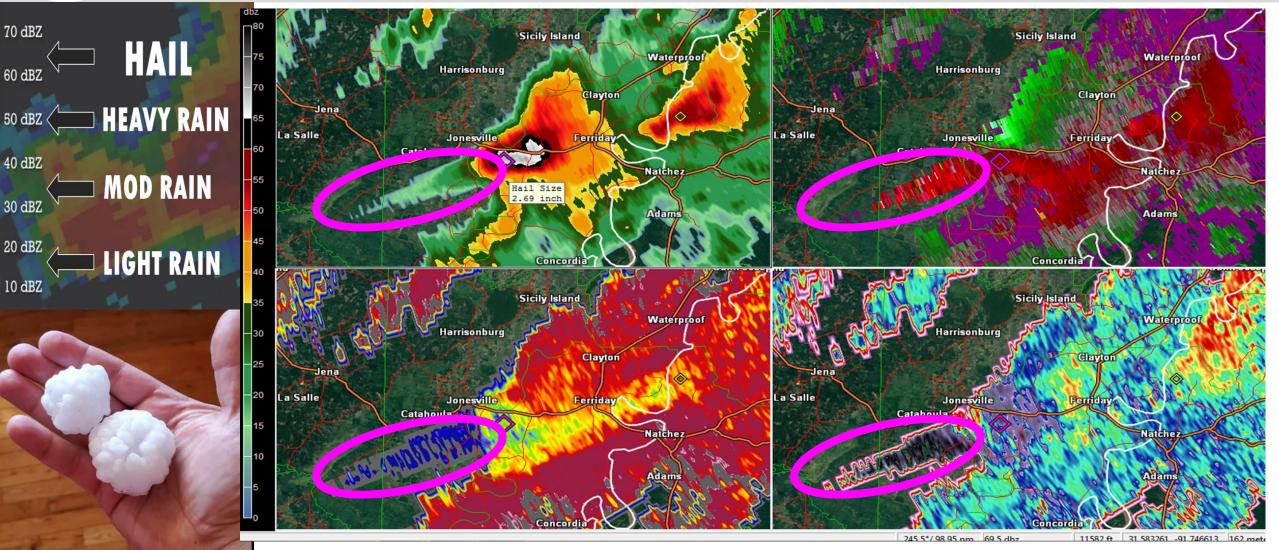
Supercell Tornado — In the Hook





# Hail Features: Hail Spike

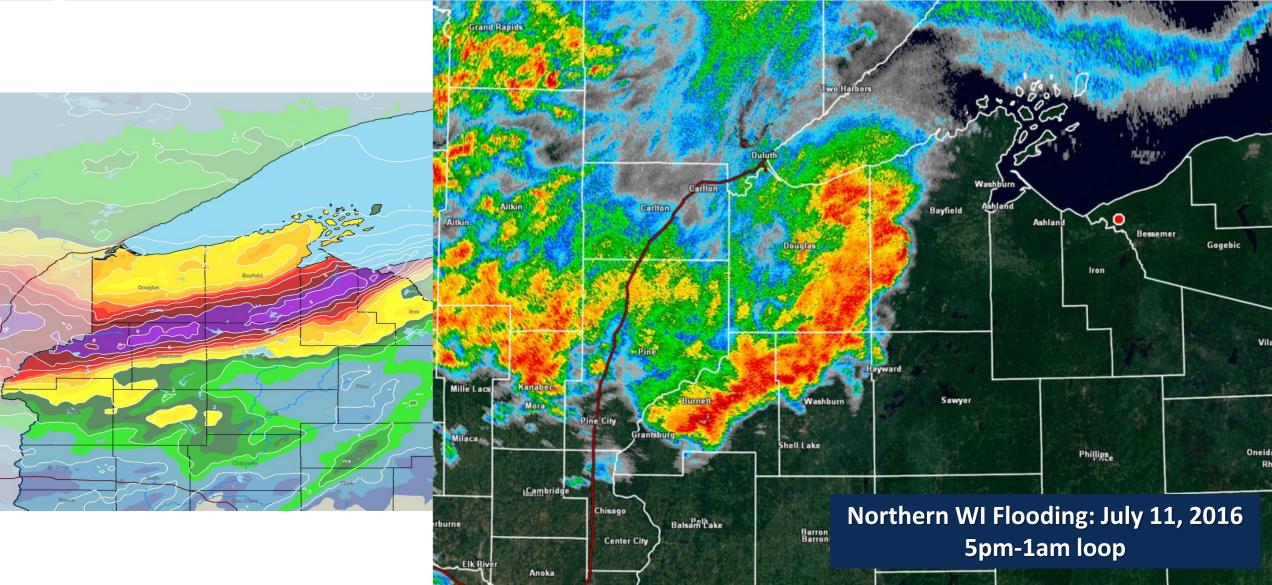
## High Reflectivity, Hail Spike





# Flash Flood Features: Training

### Repetitive Rounds of Storms, Training





# Let's go through some cases

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