Stressors Associated with a First Time Tornado Warning Decision for the June 8, 2017 Supercell in the Panhandle of Texas

Melissa Beat
NOAA/National Weather Service, Amarillo, TX

Background Environment for June 8, 2017
- High LCLs
- Isolated storms with hail and winds as the threats
- Td in 50s-60s

Watch Radar
- Consider your meteorological knowledge
  - How confident is your team in you
  - How quiet is it for you to concentrate

If No Reports
- Storm structure looks good for a tornado
- Worry about a tornado entering the largest metro area for the CWA
- Decision to warn is almost a political decision as Emergency Manager was sitting 5 ft away asking for updates every 5 mins

If Good Storm Reports
- Eyes you can trust on the storm (fellow employee)
- Several spotters watching to add to confidence
  - Early evening provided daylight to see funnels or tornadoes
  - All reports follow expected storm development based on background environment

Issue Tornado Warning

Don’t Issue Tornado Warning

No Tornado Microburst with Golf Ball Hail

Thanks to Stephen Bieda & Lance Goehring & the Severe Weather Team