

# HAZARDOUS WEATHER TESTBED

## EXPERIMENTAL WARNING PROGRAM BLOG

### PHS Tornado Parameter

Unfortunately I didn't look at this PHS Significant Tornado Parameter in real time when warnings were being issued, just completely spaced it. But went back to see how it fared during the Tornado Warnings, it didn't do too bad. The comparison below is from 21z and even though the tornado warning was already issued before the PHS STP was available, it was a nice "confirmation" tool of the Tornado Warning. The units of the STP were nearly 10 at the time of the strong couplet north of Clifton, WI and it was in the right location at the time of warning.

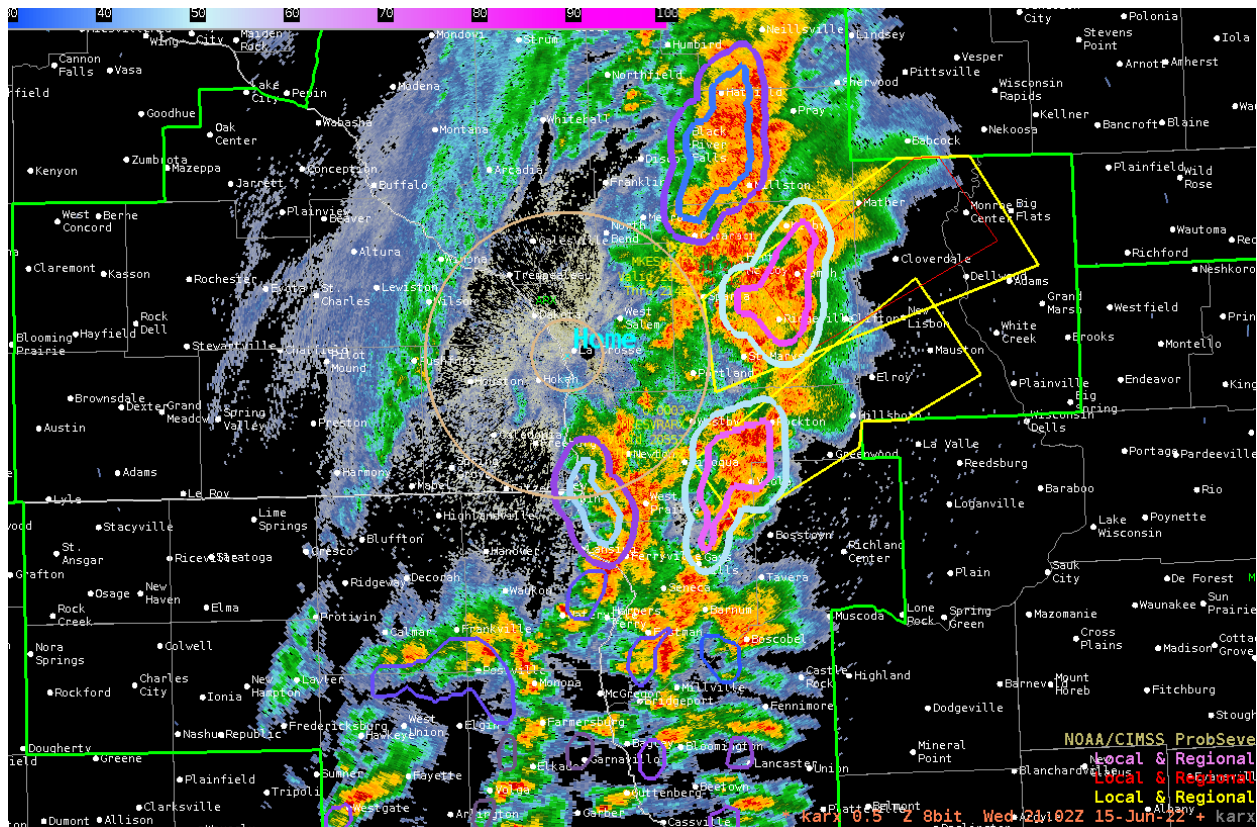


Figure 1: base reflectivity with ProbSevere Tor Model and warnings in effect.

# HAZARDOUS WEATHER TESTBED

## EXPERIMENTAL WARNING PROGRAM BLOG

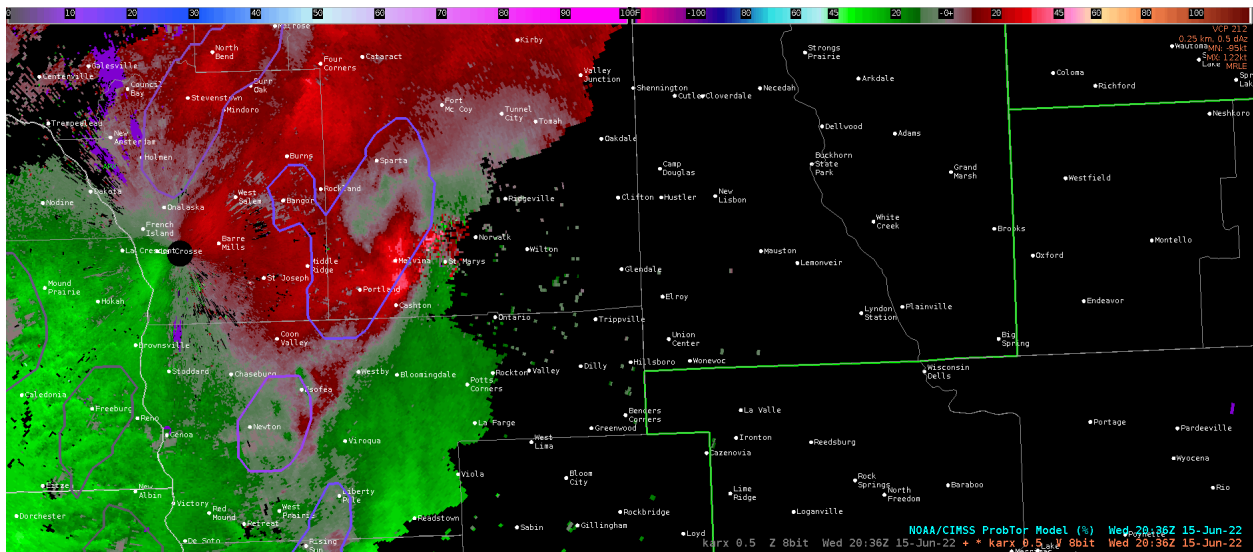


Figure 2: base velocity animation of the strong couplet over Oakdale or just north of Clifton, WI.

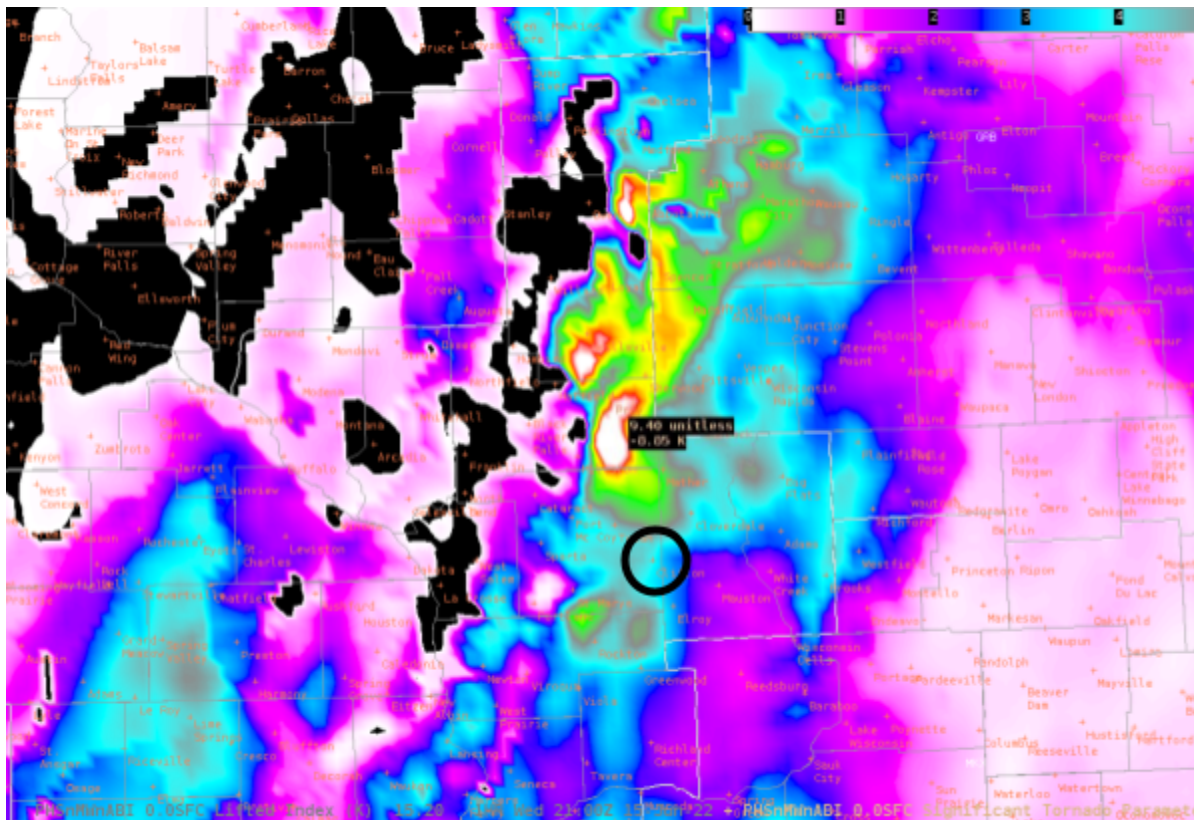


Figure 3: PHS Significant Tornado Parameter at 21z on June 15, 2022. The circle over Clifton is a reference point for the velocity animation from Figure 2.

- PODIUM