

RAXPOL DEPLOYMENT SUMMARY

DATE: 6 MAY 2015

CREW: DYLAN, KYLE, ZACH (HOWIE IN TWOLF)

LOCATION: CENTRAL OKLAHOMA

TOTAL NUMBER OF DEPLOYMENTS: 1

SUMMARY: RaXPol was initially called down as crew prepped for a final exam taking place early the next morning. Howie and the MWR crew left Norman at approximately 1900 UTC and headed southwest toward the Childress, TX area. At approximately 2000 UTC, a cell formed in southwest Oklahoma and moved northeast into central Oklahoma, becoming a tornadic supercell shortly thereafter. Due to its proximity from Norman, the crew decided to deploy and headed west on OK-9. After searching for a deployment location, RaXPol finally deployed 2 miles west of the Riverwind Casino, just south of 9, and 35 minutes of data were collected as the cell produced at least two tornadoes; an EF-2 near Bridge Creek, and an EF-1 in northwest Norman. Due to traffic on I-35, RaXPol returned to Norman via I-35 south to Purcell, and north on US-77.

DEPLOYMENT 1:

LAT: 35.168095° LON: -97.564682°

2 mi W of Riverwind Casino; SW of Norman, OK

Scanning strategy 1 -- Began 2210 UTC

0° -10° /1° increments, 30 km range, 75 m range resolution, 30 m gate spacing

MWR Deployment Details

DEPLOYMENT 1:

LAT: 35.036965° LON: -97.970831°

Near Chickasha, OK

DEPLOYMENT 2:

LAT: 35.160578° LON: -97.666230°

N of Blanchard, OK

DEPLOYMENT 3:

LAT: 35.187066° LON: -97.490224°

S of Norman, OK/Canadian River

DEPLOYMENT 4:

LAT: 35.116790° LON: -97.725809°

SW of Blanchard, OK (second supercell near Chickasha)

NOTES:

-Pedestal issues do show up in data processing, a problem that was identified later.

-MWR computer off by 45 minutes and