RAXPOL DEPLOYMENT SUMMARY

DATE: 8 MAY 2015
CREW: DYLAN, KYLE, ZACH (HOWIE IN TWOLF)
LOCATION: SOUTHWEST OKLAHOMA, NORTH-CENTRAL TEXAS
TOTAL NUMBER OF DEPLOYMENTS: 3

SUMMARY: RaXPol left Norman just before 1830 UTC followed by the MWR and headed southwest towards Lawton, OK via I-44. Convection initiated at approximately 1300 UTC west of Lubbock, TX and spread northeast into the Texas Panhandle, continuing into western Oklahoma by 1730 UTC. RaXPol headed west from Lawton via US-62, and south out of Snyder, OK on US-183. The initial target storm was an HP supercell near Vernon, TX approaching our location. After an attempt to deploy at approximately 2200 UTC, the cell was too close for a deployment of any appreciable length, and we continued east via TX-240 to our first deployment location 5 miles northeast of Electra, TX. RaXPol then continued east on 240 and then headed northeast on I-44 to stay headed of the cell. The second deployment took place south of US-70, 15 miles west of Waurika, OK. At this location, RaXPol began having issues communicating with the pedestal. A final deployment took place on US-70 4 miles east of Waurika, and similar pedestal issues occurred. RaXPol then headed east towards Ardmore, OK where we let the squall line pass, and then returned to Norman via I-35.

DEPLOYMENT 1:
LAT: 34.05813º LON: -98.84128 º
TX-2384/1739; 5 mi NE of Electra, TX

Scanning strategy 1 -- Began 2212 UTC
0º -20º /1º increments, 30 km range, 75 m range resolution, 30 m gate spacing

DEPLOYMENT 2:
LAT: 34.15598º LON: -98.24409 º
S US-70; 15 mi W of Waurika, OK

Scanning strategy 1 -- Began 2306 UTC
0º -20º /1º increments, 30 km range, 75 m range resolution, 30 m gate spacing

DEPLOYMENT 3:
LAT: 34.15851º LON: -97.92997º
US-70; 4 mi E of Waurika, OK

Scanning strategy 1 -- Began 2345 UTC
0º -20º /1º increments, 30 km range, 75 m range resolution, 30 m gate spacing

NOTES:
-RaXPol problems communicating with the pedestal continued and were reported to John Meier.