

RAXPOL DEPLOYMENT SUMMARY

DATE: 4 JUNE 2014

CREW: HOWIE, KYLE, ZACH

LOCATION: WESTERN NEBRASKA

TOTAL NUMBER OF DEPLOYMENTS: 1

SUMMARY: Following a second overnight in North Platte, NE, RaXPoI departed North Platte at approximately 1530 UTC towards Sidney, NE. It was determined that the best course of action would be to intercept weak storms north of Sidney, and RaXPoI headed north on highway 385 towards Bridgeport, NE. The day's single deployment took place approximately 2 miles north on Bridgeport on the shoulder of route 26. It was noted that due to the crested highway and lack of any other clear deployment locations that the truck's roll was off by approximately 1 degree tilted due northeast. The storm of interest was not pursued further due to the unorganized nature of the cell (it began to fall apart), and the lack of a useable road network in western NE. Scanning ceased at approximately 0030 UTC.

DEPLOYMENT 1:

LAT: 41.700075° LON: -103.112154°

Scanning strategy 1 -- Began 2348 UTC, Ended 0011 UTC
0°-30°/2° increments, 30 km range, 75 m resolution, 250 µm PRI

Scanning strategy 2 – Began 0011 UTC, Ended 0028 UTC
0°-20°/1° increments, 50 km range, 75 m resolution, 500 µm PRI

NOTES:

- Computer time lagged the GPS time by 99 seconds during this deployment. Problem has since been resolved.

-Truck roll off by ~1°, tilted toward the northeast. Deployment location was too sloped to completely level (shoulder of crested major highway), and no other clear deployment spot was easily accessible at this time.