

ARMOR Operations - 4/14/18 - Convection - QLCS potential - VORTEX-SE

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Operations of ARMOR for convection during the UFO VSE deployment in N AL. MAX was at the Tanner site. All VCPs are defined in the VCP Excel spreadsheet. Meteorologically nothing of interest really occurred. Forecast did not pan out as QLCS never truly developed and remained as scattered convection

RHIs over the UAH SWIRLL berm disdrometers have uneven radial spacing in the low levels. SNR unfortunately not being collected. Spectrum width may serve as a viable method to remove second trip echo.

1445ish Z - Started operations. VCP 225. RHIs over the berm and CLAMPS between full volumes sporadically

1658 Z - Switched over to VCP 217 to extend range to capture line as in enters AL

1715 Z - Midlevel MV in range of ARMOR

1730 Z - GLM showing some lightning with storms in far W AL

1755 Z - Switched back to VCP 225 since storms of "interest" are closer to radar

1830 Z - End of Ops. VCP 217 after some testing