

NOXP VORTEX-SE 2017

Authors

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Data set overview

For details see the Field catalog http://catalog.eol.ucar.edu/vortex-se_2017/188107/files

- Time period: 2017/03/25 15:23 UTC to 2017/03/25 21:40 UTC
 - Location: Latitude: 34.7308, Longitude: -86.9374, Altitude: 190 m, Heading: 90
- Time period: 2017/03/27 15:15 UTC to 2017/03/28 03:52 UTC
 - Location: Latitude: 34.7927, Longitude: -86.8240, Altitude: 237.34 m, Heading: 91
- Time period: 2017/03/30 21:10 UTC to 2017/04/01 01:35 UTC
 - Location: Latitude: 34.71057, Longitude: -85.84475, Altitude: 447.75 m, Heading: 355
- Time period: 2017/04/03 19:50 UTC to 2017/04/03 22:20 UTC
 - Location: Latitude: 34.6550, Longitude: -87.3492, Altitude: 174.65 m, Heading: 91
- Time period: 2017/04/05 11:35 UTC to 2017/04/06 00:48 UTC
 - Location: Latitude: 34.71044, Longitude: -85.8447, Altitude: 447.75 m, Heading: 185
- Time period: 2017/04/27 02:04 UTC to 2017/04/27 07:37 UTC
 - Location: Latitude: 34.65483, Longitude: -87.34903, Altitude: 157.8 m, Heading: 90
- Time period: 2017/04/28 16:30 UTC to 2017/04/28 23:45 UTC
 - Location: Latitude: 34.79267, Longitude: -86.82426, Altitude: 231.65 m, Heading: 90
- Time period: 2017/04/30 17:30 UTC to 2017/05/01 03:35 UTC
 - Location: Latitude: 34.71045, Longitude: -85.84476, Altitude: 444.09 m, Heading: 172

Instrument Description:

<https://www.nssl.noaa.gov/tools/radar/mobile/>

Data collection and Processing:

- Heading fluctuations corrected
- Converted from Sigmet to DORADE using Radx.

Data Format:

- DORADE sweep format.
https://www.ral.ucar.edu/projects/titan/docs/radial_formats/DoradeDoc.pdf

Data Remarks:

Access and view data with:

- Radx
https://www.ral.ucar.edu/projects/titan/docs/radial_formats/radx.html
- solo3
<https://www.eol.ucar.edu/software/solo3>
- Py-ART
<https://arm-doe.github.io/pyart/>