

LEGEND

- Green dots are Reinforced Radar messages, Red dots are Beacon Only returns
- Raw Mode C is listed, along with a Corrected Mode C based on closest METAR site. AGL is also listed
- Hits with no Mode C, were changed to "Clamped to Ground" so they would show up
- Rate of Climb (ROC) is one-minute average, based on the last two hits

7/27/2017 4:43:46 am

Monroe

CAP - National Radar Analysis Team (NRAT) NHQ-008

FOR MISSION USE ONLY



Track: N701XL
Latitude: 39 10' 39".939 N
Longitude: 91 48' 23".878 W
Date: 07-27-17
Time: 09:43:46.000

Sensor: COU
Squawk: 1200
Azimuth: 26.72 DEG
Range: 32 NMI
Msg Type: BCN

Alt (COR): 1550'
Alt (Raw): 1500'
Alt (AGL): 772'
Speed: 0 KTS
Heading: 000 DEG
ROC: 0 FPM
ROC-ST: 0 FPM

METARS

Station: KCOU
Time: 08:43Z
Wind Dir: 230 DEG
Wind Speed: 8 KTS
Wind Gust: 0 KTS
Altimeter: 29.97 hgMl
Visibility: 5 MI
Sky Cover 3: OVC(5500)
Sky Cover 2: BKN(2900)
Sky Cover 1: SCT(2300)

NEXRAD Score: 200.20
Flight Category: MVFR

Thompson

Mexico

Vandiver

Rush Hill

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Imagery Date: 3/14/2014

39°18'02.40" N 91°46'19.71" W elev 711 ft

Eye alt 20.02 mi

7/27/2017 4:46:46 am

Monroe

CAP - National Radar Analysis Team (NRAT) NHQ-008
FOR MISSION USE ONLY



Track: N701XL
Latitude: 39 13' 25".929 N
Longitude: 91 45' 29".223 W
Date: 07-27-17
Time: 09:46:40.000

Sensor: COU
Squawk: 1200
Azimuth: 27.95 DEG
Range: 36 NMI
Msg Type: BCN

Alt (COR): 2850'
Alt (Raw): 2800'
Alt (AGL): 2102'
Speed: 83 KTS
Heading: 028 DEG
ROC: 1800 FPM
ROC-ST: 1200 FPM

METARS

Station: KCOU
Time: 08:43Z
Wind Dir: 230 DEG
Wind Speed: 8 KTS
Wind Gust: 0 KTS
Altimeter: 29.97 hgMl
Visibility: 5 MI
Sky Cover 3: OVC(5500)
Sky Cover 2: BKN(2900)
Sky Cover 1: SCT(2300)

NEXRAD Score: 200.20
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Imagery Date: 3/14/2014

39°18'02.40" N 91°46'19.71" W elev 711 ft

Eye alt 20.02 mi

7/27/2017 4:49:46 am

Monroe

CAP - National Radar Analysis Team (NRAT) NHQ-008
FOR MISSION USE ONLY



Track: N701XL
Latitude: 39 17' 04".996 N
Longitude: 91 42' 58".216 W
Date: 07-27-17
Time: 09:49:43.000

Sensor: COU
Squawk: 1200
Azimuth: 27.95 DEG
Range: 40 NMI
Msg Type: BCN

Alt (COR): 3550'
Alt (Raw): 3500'
Alt (AGL): 2805'
Speed: 85 KTS
Heading: 028 DEG
ROC: 0 FPM
ROC-ST: 0 FPM

METARS

Station: KCOU
Time: 08:43Z
Wind Dir: 230 DEG
Wind Speed: 8 KTS
Wind Gust: 0 KTS
Altimeter: 29.97 hgMl
Visibility: 5 MI
Sky Cover 3: OVC(5500)
Sky Cover 2: BKN(2900)
Sky Cover 1: SCT(2300)

NEXRAD Score: 300.10
Flight Category: MVFR

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Mexico

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Rush Hill

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Imagery Date: 3/14/2014

39°18'02.40" N 91°46'19.71" W elev 711 ft

Eye alt 20.02 mi

7/27/2017 4:52:56 am

CAP - National Radar Analysis Team (NRAT) NHQ-008
FOR MISSION USE ONLY



Track: N701XL
Latitude: 39 20' 17".161 N
Longitude: 91 41' 14".615 W
Date: 07-27-17
Time: 09:52:46.000

Sensor: COU
Squawk: 1200
Azimuth: 27.51 DEG
Range: 43 NMI
Msg Type: BCN

Alt (COR): 3050'
Alt (Raw): 3000'
Alt (AGL): 2295'
Speed: 71 KTS
Heading: 073 DEG
ROC: 0 FPM
ROC-ST: 0 FPM

METARS

Station: KCOU
Time: 08:43Z
Wind Dir: 230 DEG
Wind Speed: 8 KTS
Wind Gust: 0 KTS
Altimeter: 29.97 hgMl
Visibility: 5 MI
Sky Cover 3: OVC(5500)
Sky Cover 2: BKN(2900)
Sky Cover 1: SCT(2300)

NEXRAD Score: 300.10
Flight Category: MVFR

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Time: 09:52:46.000

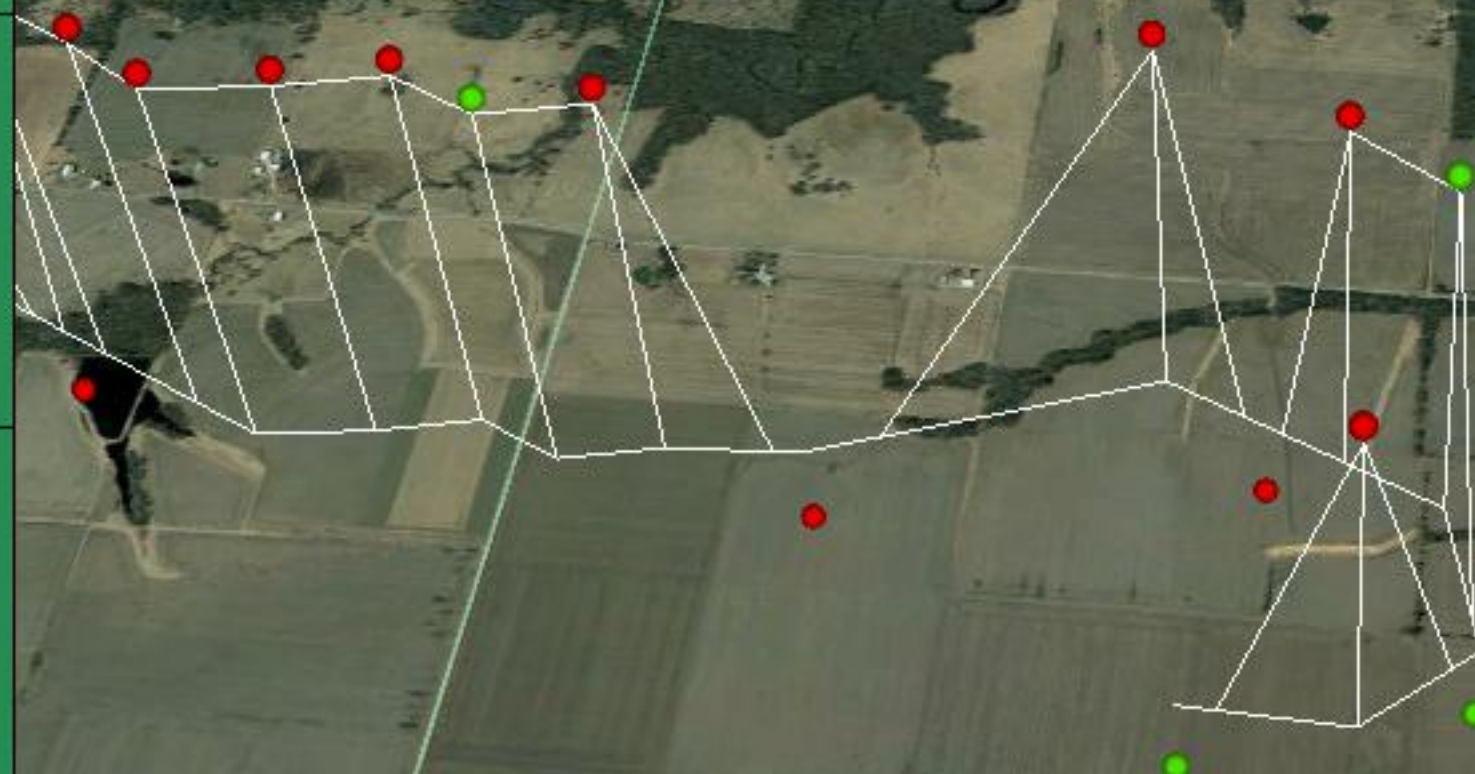
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