

Rain over the gauge clusters line

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Submitted by pdomaszc on Thu, 2013-05-09 07:29

Date:

Thursday, May 9, 2013 - 07:00

Instrument List:

- [Green](#)

Discussion:

Another great and wet day/night on NPOL & D3R site. Starting at ~15:40 local time, a line of light precipitation moved over the gauge clusters line from the south-west. NPOL was mapping 360 deg with the IFLOODS_RAIN interlaced with the IFLOODS10_RH scan continuously until ~19:00 local time. The IFLOODS10_RH scan was changed over to bird-bath twice for a short period of time when light precipitation was occurring on site.

D3R was collecting in a RHI and 30deg_PPI mode back to back throughout the period.

This was a rather shallow system with BB @ ~ 2.2km.

We tested the D3RNEAR30 scanning strategy on NPOL when rainfall was within 30 km range, but most of the upper elevation scans were overshooting the system real fast, so after about 10 min the decision was made to go back to IFLOODS10_RH.

Localized convective cells over the Turkey river basin were mapped by the IFLOODS_RAIN (update time was ~2.5 min).

We lost gpm2 machine in the science container due to hard drive failure. Nathan is working to restore the system.

Images will be added to the log after the current event moves away from the domain of interest.

Another similar system is currently in the area...NPOL (IFLOODS_RAIN+IFLOODS10_RH) and D3R are running nominally.

PD
