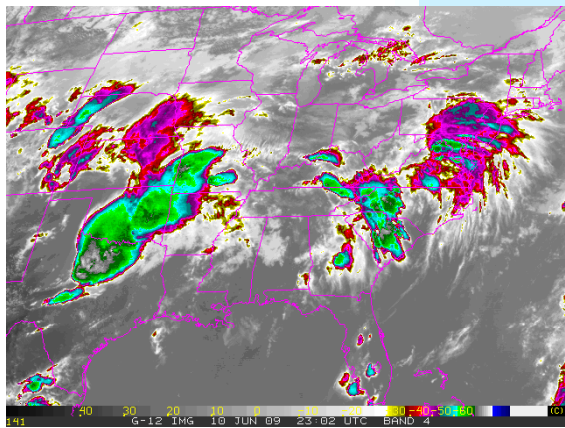
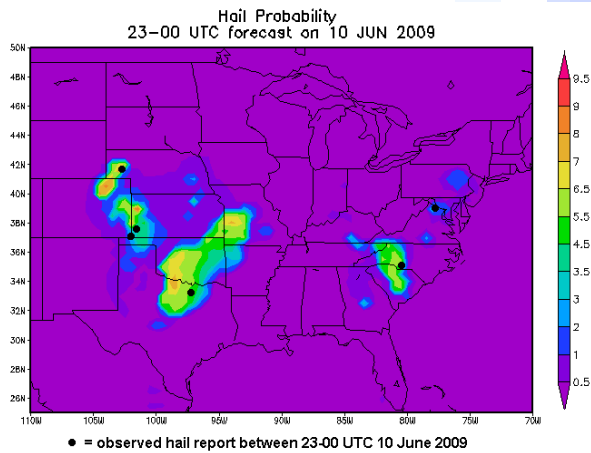




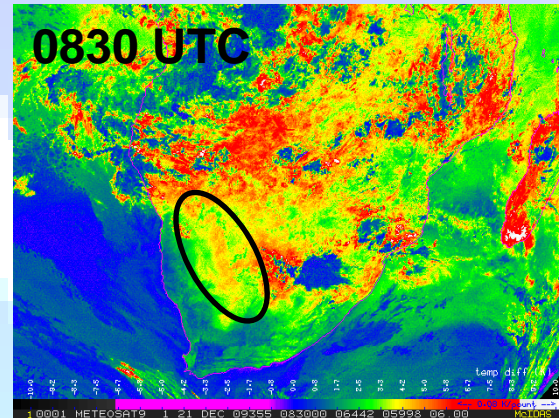
6th Annual Symposium on Future National Operational Environmental Satellite Systems – NPOESS and GOES-R

Development of a statistical hail prediction product for the GOES-R Proving Ground (and other GOES-R Products)

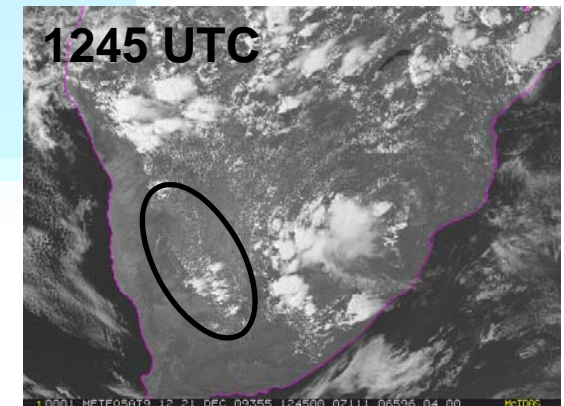
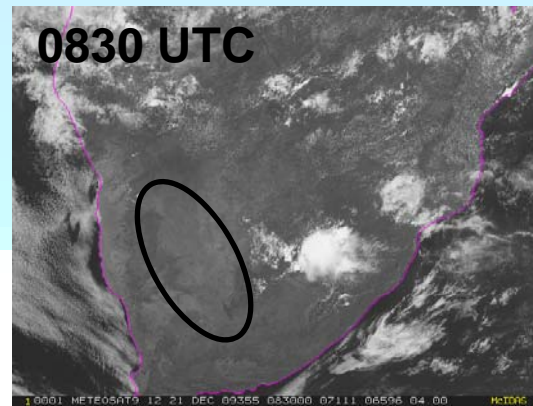
D. Lindsey (STAR/RAMMB), C. Siewert, L. Grasso, W. MacKenzie



Example of the hail probability product (top) and corresponding GOES IR image (bottom)



Note the local max in 10.8 – 12.0 μm when no clouds are present, but convective clouds later form in that region



MSG 10.8 – 12.0 μm image (top) over S. Africa from 21 Dec. 2009, and MSG HRV images (bottom)