

ZP11/Jim Smoot/Weekly Notes

4/8/2014

HURRICANE IMAGING RADIOMETER (HIRAD) PRESENTATION AT AMERICAN METEOROLOGICAL SOCIETY (AMS) HURRICANE CONFERENCE (email to:

Daniel.J.Cecil@nasa.gov / 256-961-7549): Dan Cecil (ZP11) presented an update on NASA MSFC's HIRAD at the American Meteorological Society's 31st Conference on Hurricanes and Tropical Meteorology, 4/2/14 in San Diego, CA. The presentation included an overview of data from past flights investigating Hurricanes Earl (2010), Karl (2010), Ingrid (2013), and the predecessor to Tropical Storm Gabrielle (2013). Initial retrievals of wind speed and rain rate were shown, although these are expected to be improved by a new brightness temperature calibration in the coming months. Audience members conducting data assimilation studies were particularly encouraged by the results.