ZP11 Weekly Notes
March 11, 2015

PAPER ACCEPTED FOR PUBLICATION USING ADVANCED MICROWAVE PRECIPITATION RADIOMETER (AMPR) DATA COLLECTED IN MID-LATITUDE CONTINENTAL CONVECTIVE CLOUDS EXPERIMENT (MC3E) FIELD PROGRAM (email to: Daniel.J.Cecil@nasa.gov / 256-961-7549): A journal article "Signatures of Hydrometeor Species from Airborne Passive Microwave Data for Frequencies 10–183 GHz" by Ken Leppert (UAH) and Dan Cecil (ZP11) has been accepted for publication in the *Journal of Applied Meteorology and Climatology*. This paper uses airborne radiometer data collected by MSFC ZP11's AMPR instrument and Goddard Space Flight Center's Conically Scanning Microwave Imaging Radiometer (COSMIR) instrument together with ground-based National Oceanic and Atmospheric Administration radar data to understand remote sensing characteristics of strong to severe thunderstorms. The data were collected as part of the MC3E in 2011; a Global Precipitation Mission ground validation effort conducted jointly between NASA and the Department of Energy. Results from this paper are also part of a draft describing the field campaign for the *Bulletin of the American Meteorological Society*.