



## Evaluation of precipitation characteristics observed in Panama

A.J. Newman (1), P. Kucera (2), and J.C. Gerlach (3)

(1) Dept. of Atmospheric Science, Colorado State University, Fort Collins, CO 80523, USA, (2) National Center for Atmospheric Research, Boulder, CO 80307-3000, USA, (3) NASA/Wallops Flight Facility, Wallops Island, VA 23337, USA

The NASA 10-cm polarimetric Doppler radar (NPOL) was deployed in southern Panama during the NASA sponsored Tropical Composition, Cloud and Climate Coupling (TC4) experiment. The experiment was conducted between 16 July and 12 August 2007. The radar operated continuously during the experiment and observed a variety of convective events. The goal of the study is to characterize the convective systems that were observed during the experiment. The study will attempt to better understand the evolution of size, intensity, vertical structure, storm duration, diurnal variability, and other attributes that describe the events. A summary of the observed precipitation systems characteristics will be discussed in the presentation.