Geophysical Research Abstracts,
Vol. 11, EGU2009-13836, 2009
EGU General Assembly 2009

CloudSat-TRMM intersect products

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This new data product, created with support from the CloudSat program, combines near-coincident CloudSat Cloud Profiling Radar (CPR) and TRMM Precipitation Radar (PR) into one self-contained data set. Rain rates retrieved by TRMM's 2A25 PR algorithm are also included, in addition to reflectivity values. This data set provides new opportunities in researches related to cloud and precipitation systems. Care has been given in every aspect of the design of the dataset, even to its naming scheme. Structure of the data set HDF file is introduced. In addition, examples are given as to how to quickly obtain desired data granules.