

NASA DAO assessment of MISR Cloud Track Winds

Donald R. Frank and Joanna Joiner

NASA GSFC Data Assimilation Office

ABSTRACT

Increased polar coverage of cloud track winds is now being evaluated at the NASA Data Assimilation Office. The MISR instrument, a multi-angle visible imager onboard the Terra satellite, is providing a high resolution cloud track wind product. Investigations of the data set, including geophysical validations, comparing to model output, computing of biases, and evaluating impact within the DAO finite volume data assimilation system are underway. Preliminary results of these studies will be reported on along with a discussion on the acquisition of this data set.