

TWP-ICE processed data available from Charmaine

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The ARM obs that I have processed is from the ARM central facility in Darwin. The one hourly averaged ascii data (averaging from 30 minutes before to 29 minutes after the full hour) are in the directory /bm/gdata2/cnf/arm_twp. Also in that directory there is a jpg or ps file for each field for both months that shows the timeseries of the original and processed data. The fields that I have data for Jan and Feb 2006 are:

hydrometeor fraction,
liquid water path (cm),
total column water vapour (cm),
surface pressure (hPa),
u and v wind components at 10 m (m/s),
precipitation (mm/h),
relative humidity at 2 m (%),
temperature at 2 m (degrees C),
surface radiation fields of downward longwave (w/m2), downward
shortwave diffuse (w/m2), downward shortwave total (w/m2), downward
shortwave direct (w/m2), upwelling longwave (w/m2), upwelling
shortwave (w/m2).

The data have had some quality control performed and the ascii files may contain numbers of -6666, -7777, -8888 and -9999 to show where there is missing and discarded data. The quality control performed is following Christian's work for the Manus and Nauru sites and I have a copy of Christian's document that describes the process if someone wants a copy.

Let me know if anything's unclear
Charmaine