

The files contain the first version of the integrated water vapor (IWV) estimates obtained by use GPS (Global Positioning System) data collected during GPM-CHUVA experiment.

There is a directory for each GPS stations belonging to campaign. These directories and files are denominated with 4 letters to indicate the station name.

The names, coordinates and periods available of each GPS station are:

DEFO: GPM-CHUVA-FORTALEZA Defesa Civil-CE

Latitude: -3.727971

Longitude: -38.502194

Geometric Altitude: 10.4622 m

Begin: 093 (03/04/2011) 00:00

End: 121 (01/05/2011) 23:55

Meteorological station used: - Anemometric Tower Chuva experiment.

CEEU: GPM-CHUVA-FORTALEZA Euzébio-CE

Latitude: -3.87754880

Longitude: -38.42554058

Geometric Altitude: 21.75 m

Begin: 093 (03/04/2011) 00:00

End: 117 (27/04/2011) 23:55

Meteorological station used: - without meteorological station available.

The data are presented in the following columns:

1. Date (YYMMDDHHMI) (GMT)
2. Simple second Julian of the year - (GMT)
3. Integrated Water Vapor (IWV) - [kg/m²]

PS. Simple Second Julian is equal to number of second of the year in the required date.

For instance a measurement done at 15:30:18 GMT at Marc 2nd, 2010 has Simple Second Julian equal to 5239818.

Supplementary information about this version, contact:

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