

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:

CHVI: GPM-CHUVA-
Latitude: -2.3389112
Longitude: -44.4042956
Geometric Altitude: 33.7485 m
Begin: 060 (01/03/2010) 03:00
End: 084 (25/03/2010) 11:40
Meteorological station used: -

The data are presented in the following columns:

1. Date (YYYYMMDDHHMI) (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:
- Luiz Fernando Sapucci (luiz.sapucci@cptec.inpe.br);