PROJETO CHUVA
CHUVA WEB -
http://chuvaproject.cptec.inpe.br/

Data Access

Access to each campaign web Page
Obs: Nova forma de Efetuar Login ou se Cadastrar
• ftp and New Access thought Application

A contact mail to help solve doubts
• Help and Read me were included to help data download and Instrument description.
Download Data Selecting the Available Options
HUVA Project – Radar database

- X-band (dual-pol, doppler) and S-band radars (most doppler)
- Raw data (ASCII, UF) and CAPPI
- Attenuation correction for Z and ZDR (X-Band, ZPHI method)
- Also solution for wet radome correction and ZDR tuning – equations are available for costumer application
## Data availability

<table>
<thead>
<tr>
<th></th>
<th>Alcantara</th>
<th>Fortaleza</th>
<th>Belem</th>
<th>Vale do Paraíba</th>
<th>Santa Maria</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Band data</td>
<td>Yes*</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>S-Band data</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>S-Band radars</td>
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<td>0</td>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

* The Alcantara X-Band radar is not the CHUVA Gematronik X-Band
Data Structure

S-Band Data

- Level 0: Raw data (UF)
- Level 2: CAPPI (reflectivity only, from 2 to 16 km, each 1 km)

X-Band Data

- Level 0: Raw data (UF/ASCII)
- Level 1: Corrected Z and ZDR (UF/ASCII)
- Level 2: CAPPI (reflectivity, from 2 to 14 km, each 0.5 km; and dual polarization rainfall intensity at 2 km)