

THE MICRO RADAR MRR-2

In this readme, you will find a description of data files and also their contents. In case of doubts or problems, please, contact me by email: jojhy.sakuragi@cptec.inpe.br

The data file name: DC_AAAAMMDD.EXT

DC - Civil Defense site
AAAA - year
MM - month
DD - day

EXT can be:

D04...D64 - drop size (mm)
F00...F63 - spectral reflectivities (dB)
N04...N62 - spectral drop densities ($m^{-3} mm^{-1}$)
PIA - path integrated attenuation (dB)
TF - transfer function (dimensionless)
UZ - rayleigh radar reflectivity (dBz)
CZ - attenuated radar reflectivity (dBz)
LWC - liquid water content ($g m^{-3}$)
RR - rain rate ($mm h^{-1}$)
W - fall velocity ($m s^{-1}$)

File contents:

1st line: comments (site, variable and date)
2nd line: hour, minute, 31 range bins
... : values for that variable (EXT)

Observation:

Some "noise" appears at 3.200m altitude (unknown source)