Rainfall observation at Saint Peter and Saint Paul Archipelago

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Saint Peter and Saint Paul Archipelago – SPSPA
- 00° 55’ N 029° 20’ W
- 500 NM from Brazil and 1000 NM from Africa
- ITCZ
UNCERTAINTY ?
Accumulated Rainfall – Downloaded from Data logger

Accumulated Rainfall – Transmitted SCD/ARGOS

Monthly Accumulated Rainfall - TRIMM

Battery
ABOUT CALIBRATION:

The rain gauge was calibrated on SEP 2008 and installed OCT 2008: (3%)

It was calibrated again on APR 2012 (4 years later): (7% of correction)

Therefore a very robust sensor!

Major problem: Maintenance
NEW SYSTEM

capacitive transducer and electronic circuit
FINAL REMARKS

• Rainfall observation has been collected in the TA Ocean, in a remote and aggressive place
• A Pilot phase has passed
• New Quality Controlled data is planned to be provided
• Partnership is wanted
• Data is available
Thank you for the attention

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