

13.22 PRECIPITATION MEASUREMENTS BY RADAR DURING DACCIWA

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As part of the DACCIWA (Dynamics-aerosol-chemistry-cloud interactions in West Africa) measuring campaign, the KITcube was installed close to Sav, Benin, nearly 200 km north of the capital Cotonou at the Atlantic ocean. X-band radar measurements were performed from mid June to end of July 2016, covering the onset of the summer monsoon season. The X-band radar measured at a temporal resolution of 5 minutes up to a range of 100 km.

With this contribution we will present an overview of our measurements: spatial rain distribution, categorization of convective and stratiform events as