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Space weather activities in Cameroon

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Space weather / instruments

- The Department of Physics of Faculty of Science of University of Yaounde I in Cameroon had received, installation of **AMBER** (African Meridian B-field Education and Research) Magnetometer in 2009 and **SCINDA** (Scintillation Network Decision Aid) in 2011



AMBER STATION



SCINDA STATION



L'électronique utilisée pour monter une antenne VHF



Dispositif de Collecte des Informations Géospatiales

- AMBER equipment had operated from 2009 to 2018 and data recorded are available on AMBER network website
- SCINDA equipment had operated for about 02 years
- To date, unfortunately all both equipments are no longer operating due to technical maintenance problem
- Cameroon National Coordinator invite and encourage the ISWI committee to facilitate deployment of GNSS receivers and magnetometers in order to encourage young students in space weather studies

Space weather / Research activities

General output of space weather activities in Cameroon:

- 1 PhD defended in 2018
- 5 MSc
- currently students (1 PhD student, 1 Msc student)
- Produced about 5 peer-reviewed publications and over 15 conference presentations
- Our first PhD in space weather has been hired by the University of Yaoundé 1 and recently transferred to University of Ebolowa, he is a lecturer in that University
- The Space weather course has been teaching in Meteorology Department of *NATIONAL ADVANCED SCHOOL OF ENGINEERING* of UNIVERSITY OF YAOUNDÉ 1 since 2019
- We are looking for more dense future output and that will be possible if we have instruments and supports, student would be motivated to do space weather studies