Weather Station for our Friends in Africa

Current partners: Uganda, Benin, Ghana

Idea

We build our own data loggers based on ESP32. Data transmission is done via Wifi, Cellular Network or LoRaWAN.

Sensors

An initial set of sensors:

Tipping Bucket Rain Gauge



UICPAL Sensors

Wind Velocity (Anemometer)



UICPAL Sensors

Data Sheet

Wind Direction



UICPAL Sensors

Air Temperature

- PT100 (best)
- DS18B20

Air Humidity

Air Pressure

From:
https://wiki.eolab.de/ - **HSRW EOLab Wiki**

Permanent link:
https://wiki.eolab.de/doku.php?id=eolab:weather_station:diy:start&rev=1712744154

Last update: **2024/04/10 12:15**