

# Weatherstation Uganda - Planning

- ESP32, Interrupt
- Low power
- Wifi, LoRaWAN, 4G - Other low power long range

## Inspiration



[https://www.reichelt.de/smarte-wetterstation-zusatz-thermo-hygrosensor-dnt-ws-pro-sen-p325359.html?PROVID=2788&gad\\_source=1&gclid=CjwKCAjw48-v8hBbEiwAzqrZVOeu3lBRcf\\_qNeHUUmN\\_a4EvyFmzyZp2Zf8EWVD8KmZdEFF5WF0hoC6uUQAvD\\_BwE](https://www.reichelt.de/smarte-wetterstation-zusatz-thermo-hygrosensor-dnt-ws-pro-sen-p325359.html?PROVID=2788&gad_source=1&gclid=CjwKCAjw48-v8hBbEiwAzqrZVOeu3lBRcf_qNeHUUmN_a4EvyFmzyZp2Zf8EWVD8KmZdEFF5WF0hoC6uUQAvD_BwE)

Precipitation	Tipping Bucket Rain Gauge, Steel	
Air Temperature	PT100	
Air Pressure	BMP280	<a href="https://www.bosch-sensortec.com/products/environmental-sensors/pressure-sensors/bmp280/">https://www.bosch-sensortec.com/products/environmental-sensors/pressure-sensors/bmp280/</a>
Realtime Clock		

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

Permanent link:  
[https://wiki.eolab.de/doku.php?id=eolab:weather\\_station\\_uganda:start&rev=1710505457](https://wiki.eolab.de/doku.php?id=eolab:weather_station_uganda:start&rev=1710505457)

Last update: 2024/03/15 13:24

