



PRE MAINTENANCE REPORT OF AUTOMATIC WEATHER STATIONS LOCATED IN KIGALI CITY

The checked data extends from 1st, July, 2025 to 15th, October, 2025.

1. RUBUNGO AWS

- **Reporting status:** It is reporting.
- **Wind direction and speed:** Through the range period of checked data their values are always 0.
- **Missing data:** files of 11 days, 0 hours, 40 minutes are missing, details are below;

11/07/2025 15:20:00 - 13/07/2025 09:20:00
14/07/2025 10:30:00 - 14/07/2025 10:50:00
29/07/2025 08:50:00 - 31/07/2025 17:00:00
31/07/2025 17:00:00 - 31/07/2025 17:40:00
04/09/2025 20:40:00 - 05/09/2025 09:50:00
09/09/2025 01:00:00 - 15/09/2025 09:20:00

2. GIKOMERO AWS

- **Reporting status:** It is reporting.
- **Relative Humidity:** Suddenly drops up to 0%.
- **Soil temperature and moisture at depth of 10 Cm, Evaporation and Radiation:** Data are not available.
- **Sunshine:** Through the range period of checked data their values are always 0.
- **Battery:** From July to September experiences voltage drop to below nominal voltage of 12 V.
- **Missing data:** files 22 days, 19 hours, 10 minutes (details are in provided excel file).

3. MASAKA ARG

- Stopped reporting since 19/02/2025.

4. GAHANGA ARG

- Stopped reporting since 04/04/2025.

5. JALI ARG

- Stopped reporting since 07/04/2025.

6. RUBUNGO ARG

- Stopped reporting since 07/07/2025.

7. RUBIRIZI ARG

- It is reporting but during time of preparing report status was timeout in context of data saving.



8. KIGALI SECTOR ARG

- No issue found

9. RUGUNGA ARG

- No issue found

Prepared by:

Christian Bikorimana

Ag. Data Quality Control Officer