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MONTHLY CLIMATE SUMMARY REPORT OF JANUARY 2026

1. Introduction

January 2026, was generally characterized by **seasonal rainfall**, all meteorological elements were observed and recorded daily according to standard procedures.

2. Rainfall

A total of **79.9 mm** of rainfall was recorded during the month, with a mean daily rainfall of **2.5mm**. Rainfall occurred in **12 days**. The highest daily rainfall of **24.8 mm** was recorded on **31 January 2026**.

3. Temperature

The mean maximum temperature was **26.9°C**. The highest maximum temperature of **29.5°C** occurred on **26th January 2026**, while the lowest maximum temperature of **24.3°C** was recorded on **13th January 2026**.

The mean minimum temperature was **16.5°C**, with the highest value of **19.0°C** on **04th January 2026**, and the lowest value of **15.0°C** on **28th 2026**.

4. Relative Humidity

Humidity levels were generally high. The maximum relative humidity reached **98% on 05th January 2026**, while the lowest maximum value was **76%** on **15th and 26th January 2026**. Minimum relative humidity ranged between **33%** and **70%**.

5. Grass Minimum Temperature

The mean grass minimum temperature was **13.5°C**. The lowest value of **11.4°C** occurred on **31st January 2026**, while the highest value of **16.8°C** was recorded on **04th January 2026**.

6. Evaporation

The highest daily evaporation piche of **7.9 mm** occurred on 24 January 2026, while the lowest daily evaporation piche value of **1.8 mm** was recorded on 19th January 2026.

The highest daily Evaporation pan of **5.7mm** occurred on 04th January 2026, while the lowest daily Evaporation pan was **1.8mm** which was recorded on 22nd January 2026.

The daily evaporation was moderate throughout the month.

7. Sunshine Duration

The total sunshine duration was **193.2 hours**, with a mean of **6.2 hours** per day. The maximum daily sunshine of 10.1 hours occurred on 24 January 2026, while **1.5 hours'** sunshine was recorded 19th January 2026.

7. Conclusion

January 2026 experienced typical rainy-season conditions, characterized by moderate rainfall, cool temperatures, high humidity, and variable sunshine. All observations were accurately recorded and entered on a daily basis in accordance with established operational standards.

A handwritten signature in blue ink, appearing to read "RUHUMURIZA Patrick".

RUHUMURIZA Patrick

Observation Officer