

## DEKADAL AGROMET BULLETIN

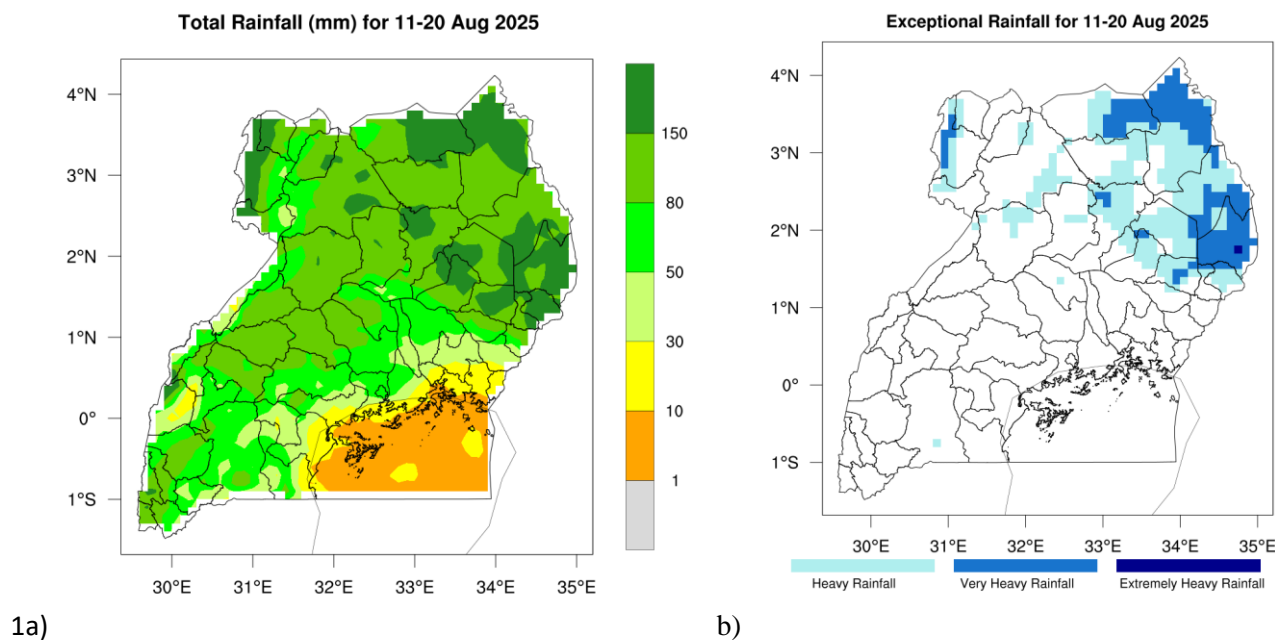
**Period:** 11<sup>th</sup> -20<sup>th</sup> August 2025

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**Date of Issue:** 11<sup>th</sup> August, 2025

### 1. Ten-day rainfall forecast (11<sup>th</sup> – 20<sup>th</sup> August, 2025)

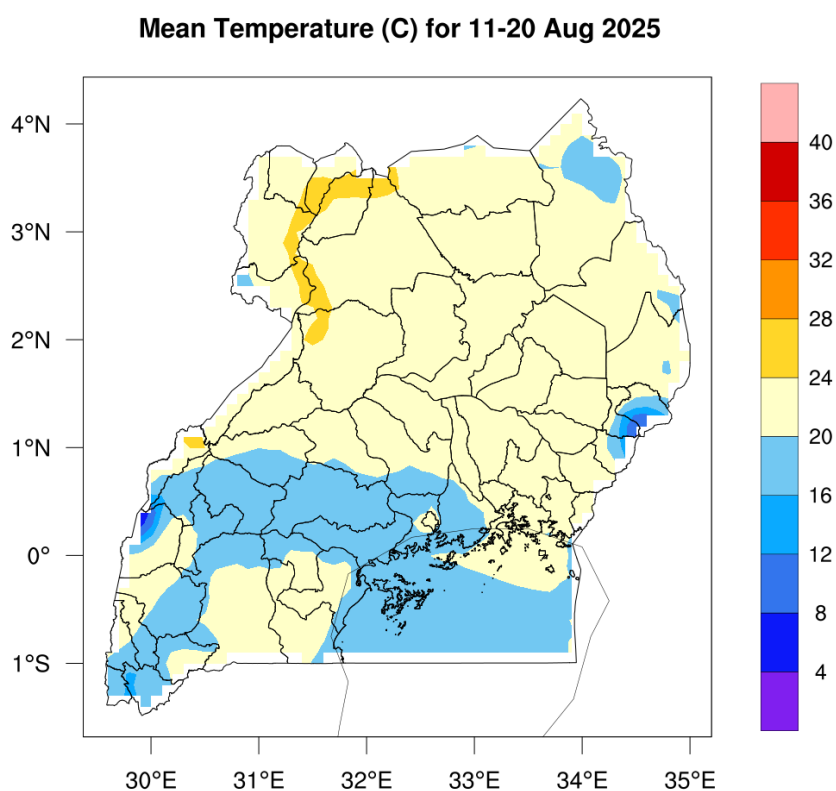
The second Dekad of August 2025 rainfall forecast predicts wet conditions over the entire country, with moderate rainfall in most areas in the southern sector. However, Exceptional rainfall is expected to persist over most parts of Karamoja, Mt Elgon and West Nile sub-regions. *For more details, please refer to Figures 1a and 1b below.*



**Figure 1: a) Expected spatial rainfall distribution b) Exceptional rainfall events across the country from 11<sup>th</sup> – 20<sup>th</sup> August, 2025.**

#### 4. Ten-day forecast of mean temperatures (11<sup>th</sup> – 20<sup>th</sup> August, 2025)

- The mean daily temperatures (average of maximum and minimum) indicate that most areas of the country are expected to experience mean temperatures ranging between 20<sup>0</sup>C to 24<sup>0</sup>C during the forecast period.
- However, cooler conditions ranging between 16<sup>0</sup>C to 20<sup>0</sup>C, is expected around southern parts of the country. The higher temperatures ranging from 24<sup>0</sup>C to 28<sup>0</sup>C, are expected to prevail over parts of west Nile on the fringes of River Nile and extending to areas around Lake Albert. The lowest temperature conditions are predicted in the highland areas of Rwenzori and Elgon ranging from below 8<sup>0</sup>C to 16<sup>0</sup>C. *For further details, please refer to Figure 2 below.*



**Figure 2: Expected spatial mean temperature distribution across the country from 11<sup>th</sup> – 20<sup>th</sup> August, 2025.**

## Potential impacts of Dekad 2 of August 2025 rainfall forecast

The potential impacts expected in the second dekad of August 2025 include:

- Flash floods and waterlogging, which can damage infrastructure and disrupt daily activities.
- Contamination of water sources caused by increased surface runoff carrying pollutants into rivers, lakes, and reservoirs.
- Increased lightning activity, posing risks to safety and property.
- Disease outbreaks resulting from waterborne pathogens due to contaminated water sources.
- Disruptions to traffic flows along transportation routes, with some bridges potentially washed away
- There are increased chances of fog conditions during the forecast period

### Advisories:

- The prevailing rainfall over most parts of the country will offer favourable conditions for crop growth and pasture for livestock;
- Farmers are encouraged to continue weeding their crops to ensure high crop yields mainly those in the Northern region and those in the southern sector are encouraged to prepare their farmland in preparation for the next season.
- Farmers should monitor and promptly report any signs of crop pests, animal parasites, or plant diseases to local authorities at the sub-county and district levels for timely intervention;
- Communities are advised to establish and maintain rainwater harvesting systems to ensure water availability during dry spells when rainfall reduces;
- Communities are advised to take advantage of the rainy season by engaging in tree planting initiatives, for environmental benefits
- Promote safe drinking water practices, especially in rural areas where water sources may become contaminated during heavy rains, to prevent waterborne diseases;
- Urban authorities are advised to clear clogged drainage pathways to prevent road flooding, ensure smooth traffic flow, and reduce risks associated with turbulent water overflows.
- Motorists are advised to take caution during fog conditions

### *Explanatory notes*

***A dekad is a ten-day period, whereby: 1 dekad = 10 or 11 Days and (9 or 8 days for the last dekad of February) One year is composed of 36 dekads.***