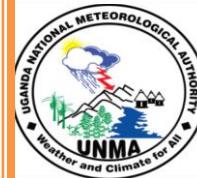




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DEKADAL AGROMET BULLETIN

Period: 1st-10th August 2024

Vol.8, Issue No: 1

Date of Issue: 31st August 2024

1. Ten-day rainfall forecast (1st – 10th August, 2024)

The rainfall forecast for the first dekad of August 2024 portrays a continuation of rainfall activity in the northern sector of the country, with heavy rainfall events expected in the districts of Amuru, Lamwo, Pader and Agago districts in Acholi subregion and the mountain Elgon districts. In contrast, dry conditions are expected to dominate in the southern sector of the country. The areas that are likely to be most affected include; south western, southern cattle corridor districts, and some parts of central regions. For *more details*, refer to the figures below.

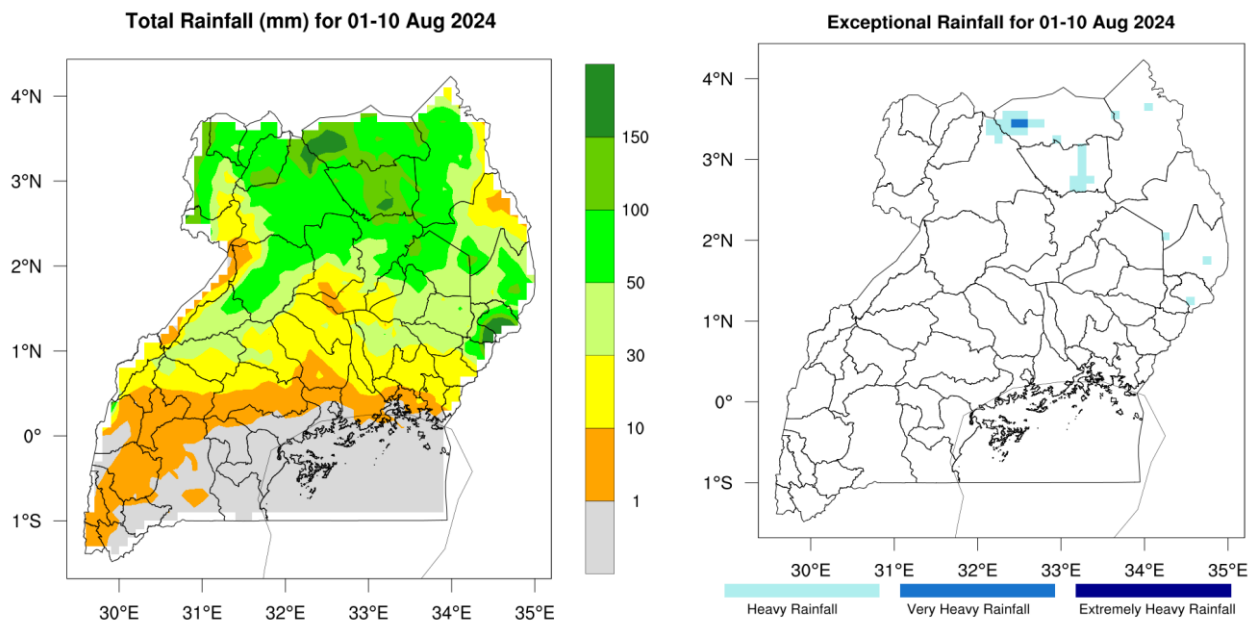


Figure 1: Expected spatial rainfall distribution from 1st – 10th August 2024.

4. Ten-day forecast of mean temperatures (1st – 10th August, 2024)

- The mean temperature forecast of maximum and minimum temperatures over the country are likely to range from 20^oC to 24^oC over most areas. Warm conditions are expected along the areas, within and around the rift valley whose mean temperatures range from 24^oC to 26^oC.
- The lowest mean temperatures are predicted in some areas of Kigezi subregion, and highland districts of the Rwenzori and Elgon subregions. These are expected to lie in the range of 8^oC to 14^oC. *For further details, refer to figure 2 below.*
- *In general, mean temperatures are expected to relatively reduce over most parts of the country during the forecast period.*

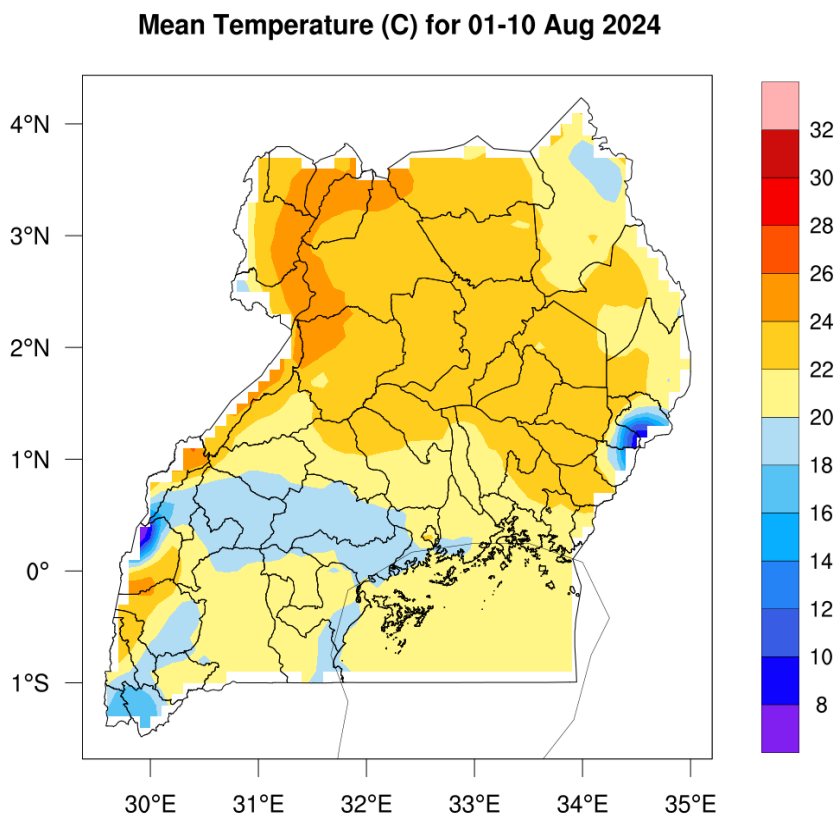


Figure 2: Expected spatial mean temperature distribution across the country from 1st – 10th August 2024

Potential impacts of the First Dekad of August 2024 rainfall forecast

The potential hazards expected to occur in the northern sector of the country during the forecast period are lightning strikes, flash floods, waterlogging, contamination of water sources due to increased surface runoff into such sources, and disruption of traffic flows along transportation routes as some bridges may be washed away or collapse.

- Pasture and water sources are expected to improve further in the northern region and rainfall activity during the forecast period provides opportunity for opening up and preparing farmland in the southwestern, midwestern and central regions.
- Foggy conditions are still expected over the southern sector of the country.

Advisories:

- The farming population in the northern region is encouraged to continue with planting, while those in the southern regions should ensure that their parcels of land get ready for the upcoming season.
- Construct drainage channels around the homesteads and land parcels, fill up open pitches to avoid stagnant water, aware of the associated threats it imposes (avenues for mosquito-breeding, rotting of root tubers).
- Monitor and report any emergence of crop pests, animal parasites, and plant diseases to technical staff at the sub-county and district,
- Those who are harvesting are advised to adhere to good post-harvest handling practices to avoid losses and poor quality of harvested output.
- Communities are encouraged to start preparing their land in preparation for the second rainfall season
- Disease monitoring and surveillance especially for respiratory infections are encouraged,
- Raise awareness to all school learners about the danger of being exposed to potential targets of lightning strikes when they play at a football field during thunderstorm activity.
- Motorists are advised to drive with caution whenever foggy and hazy conditions prevail.

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.*