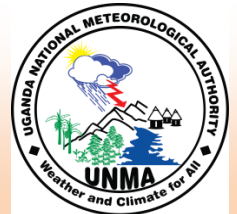




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DEKADAL AGROMET BULLETIN

Period: 01st-10th August 2023

Vol.08, Issue No: 1

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1. Ten-day rainfall forecast (01st – 10th August 2023)

The rainfall forecast for the first 10 days of August 2023 indicates a significant wet activity that is expected to be experienced in the most parts of Northern and Eastern Uganda including Karamoja subregion.

The districts located in the central and western Uganda are still forecasted to experience dry conditions with incidence of on and off light rains. *For more details, refer to figure 1 below.*

Rainfall Forecast (mm):01-10 August 2023

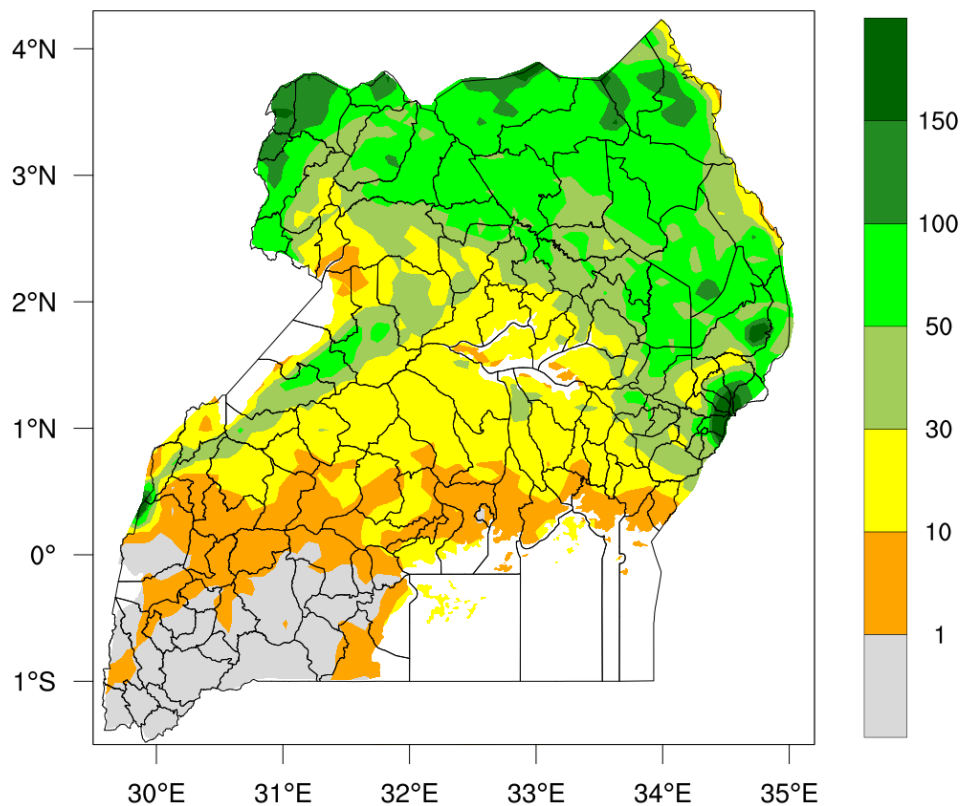


Figure 1: Expected spatial rainfall distribution across the country from 01st – 10th August 2023

2. Ten-day forecast of temperature extremes; Maximum and Minimum (01st – 10th August 2023)

- The maximum temperature forecast indicates that most parts of the country are likely to experience the temperatures in the range of 25^oC to 30^oC apart from Kaabong and Kigezi highlands which are expected to experience between 20^oC to 24^oC. This has potential implication on evaporation rates leading to drier conditions.
- The lowest temperatures of up to 8^oC are forecasted to occur over the highlands of Rwenzori and Elgon while most districts located in the Southern cattle corridor, Central and Kigezi highlands are expected to experience minimum temperatures between 12^oC and 16^oC. The rest of the districts are expected to have 18^oC to 20^oC. Refer to figures 2a and 2b below.

Max Temp Forecast (oC): 01-10 August 2023

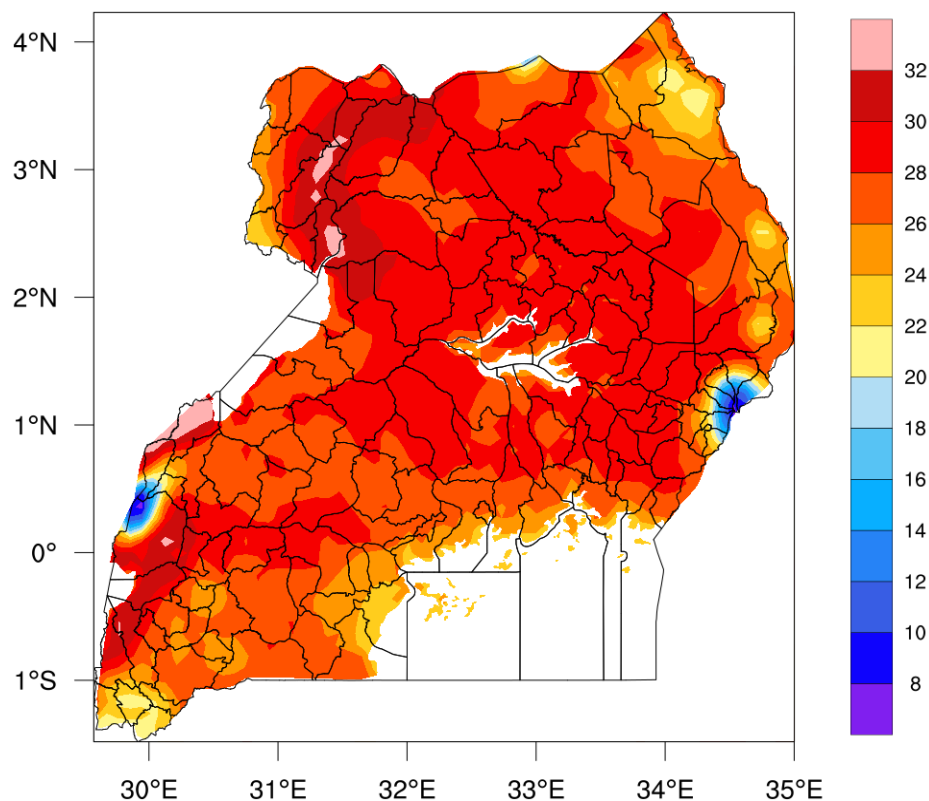


Figure 2a: Expected spatial maximum temperature distribution across the country from 01st – 10th August 2023

Min Temp Forecast (0C):01-10 August 2023

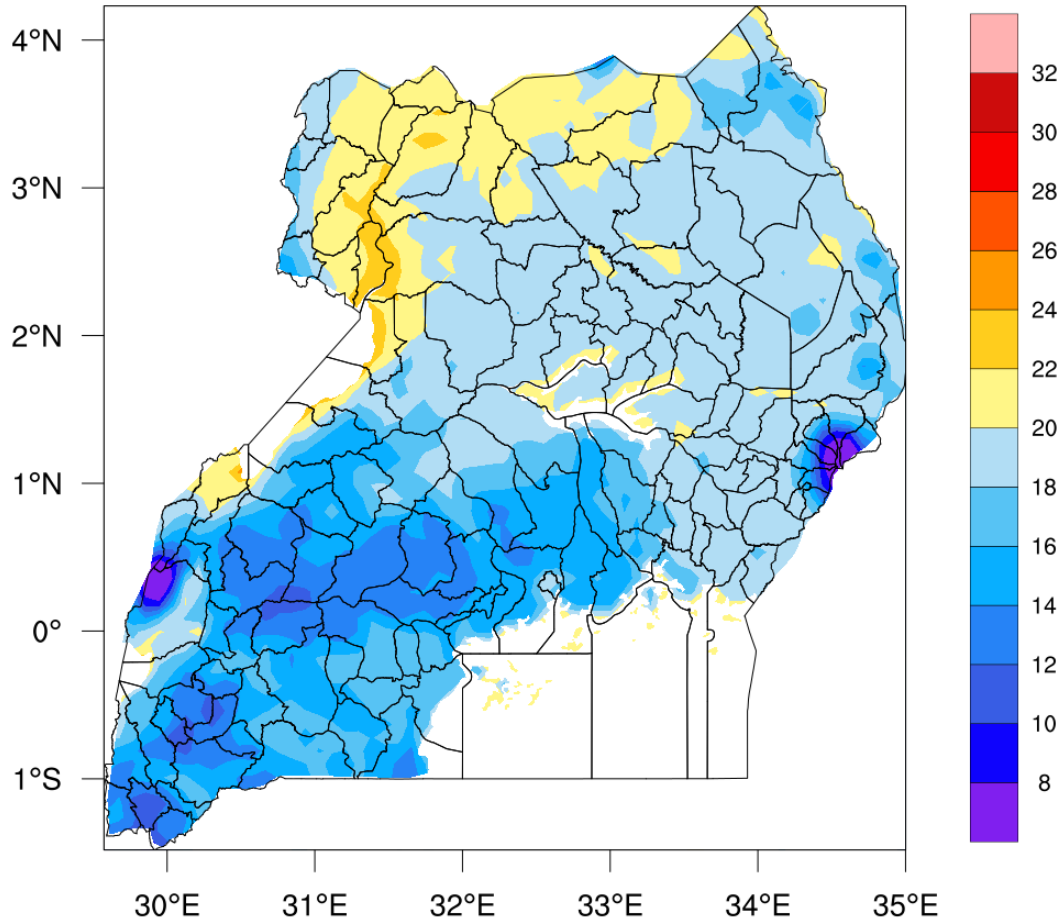


Figure 2b: Expected spatial minimum temperature distribution across the country from 01st – 10th August 2023

3. Ten-day forecast of average temperature (01st – 10th August 2023)

The dominant average daily temperatures ranging from 22 °C to 24 °C or more, are expected in West Nile, Acholi, Lake Kyoga basin and Karamoja sub region. Extremes are mostly expected in districts along the western rift valley. *Further details are available in figure 3 below.*

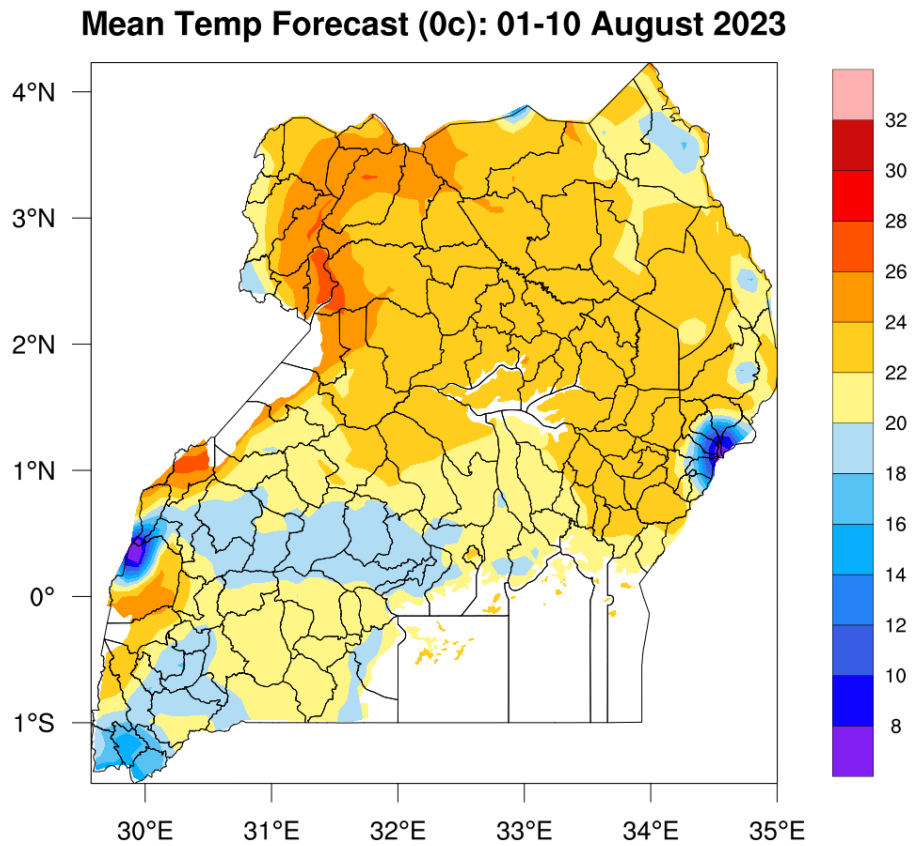


Figure 3: Expected spatial mean temperature distribution across the country from 01st – 10th August 2023

4. Potential Impacts and Advisories

Potential impacts of Dekadal rainfall forecast.

- The expected rainfall activity in the northern parts including Karamoja sub region will likely support pasture growth.
- The dry conditions over western and central Uganda will likely support drying of harvested crop produce.

Advisories:

- Farmers in northern and eastern regions including Karamoja subregion are advised to start land preparation as they wait for the appropriate time of the season's onset.
- The expected rains in the pastoral communities of Karamoja will result in improvement of foliage and pasture for livestock. Pasture preservation and management is encouraged.
- Monitor and report any emergence of crop pests, animal parasites, plant and animal diseases to technical staff at the subcounty and district.
- Farmers are encouraged to practice proper post-harvest handling to avoid losses and lowering the quality of their produce.
- communities are encouraged to harvest Water to improve water availability for domestic use and small-scale irrigation.
- Drinking water should be boiled for the safety of life.

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.