

DEKADAL AGROMET BULLETIN

Period: 21st-31st October 2025

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1. TEN DAYS WEATHER FORECAST (21ST - 31ST OCTOBER 2025)

Observed Weather Condition over the country

The observed rainfall across the country from the first week of October 2025 reveals that rainfall has now reached its peak level. The rainfall recorded over most parts of the country is consistent with the September, October, November and December, 2025 Seasonal Climate Outlook issued at the beginning of September 2025.

Expected Major Climate Drivers

- The current location of the Inter Tropical Convergence Zone (ITCZ) over Uganda will provide the conducive environment for convergence of rain bearing wind system over most parts of Uganda. This is expected to enhance rainfall during the last Ten days of October, 2025.
- Madden-Julian Oscillation (MJO), a global-scale atmospheric phenomenon characterized by an eastward-moving pulse of clouds and rainfall in the tropics, is currently strong and it is in a phase, expected to increase the rainfall over Uganda in the coming last ten days of October, 2025.

Rainfall Forecast for 21st to 31st October, 2025

The forecast indicates that the current wet conditions across the country are expected to continue in the last ten days of October, 2025 over most parts of the country.

It is important to note that West Nile, Mid Central, Western Central, Teso sub region, Southwestern, Mt. Elgon and Ruwenzori areas are expected to experience heavy rainfall conditions. Very heavy rainfall condition is expected in parts of Arua, Maracha, Kaabong, Moroto, Amudat, Soroti, Serere, Ngora, Namutumba, Nakeseke, Mubende, Kassanda, Mbarara, Sheema, Kisoro, and Kabale districts during these last ten-days of October 2025 as shown in figure 1 below.

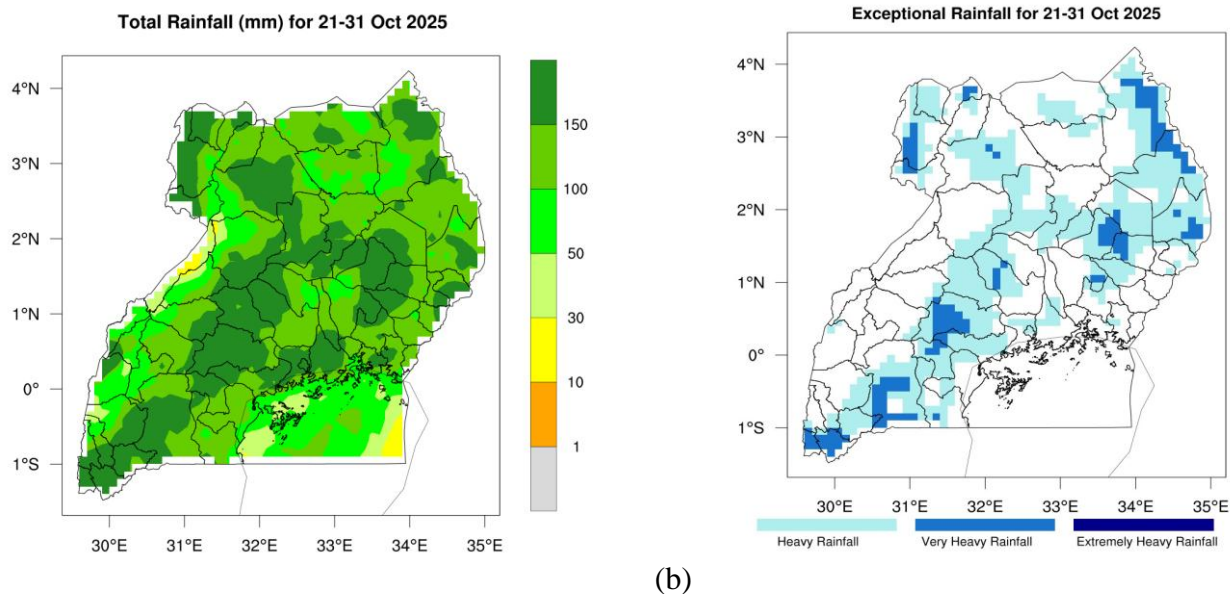


Figure 1: (a) Expected spatial rainfall distribution across the country, (b) Exceptional rainfall events across the country from 21st-31st October 2025.

2. THE MEAN TEMPERATURE FORECAST FOR 21ST - 31ST OCTOBER 2025

The mean temperature (average of maximum and minimum temperatures) forecast shows that a relatively warm temperature conditions ranging from 24⁰C to 28⁰C are expected to prevail over parts of West Nile and Acholi sub-regions.

The lowest temperature conditions are expected in the Southern parts and highland areas of Rwenzori and Elgon, ranging from 8⁰C to 20⁰C. Meanwhile, most parts of the country are expected to experience mean temperatures ranging between 20⁰C to 24⁰C during the forecast period. Refer to Figure 2 below for details.

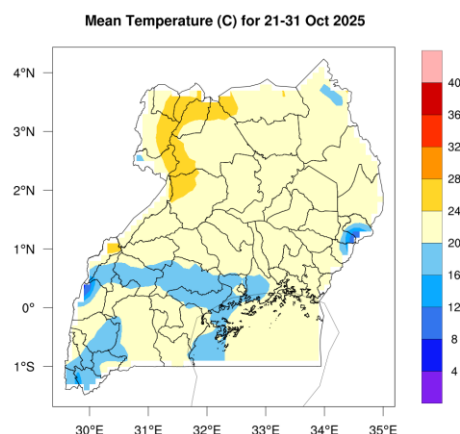


Figure 2: Expected spatial mean temperature distribution across the country from 21st-31st October 2025.

3. POTENTIAL WEATHER IMPACTS FROM 21ST TO 31ST OCTOBER 2025

- The rainfall forecast shows that heavy rainfall activities are expected to occur over most parts of the country. The potential hazards are flash floods, lightning, waterlogging, disease outbreak, 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/collapse.

Advisories

- Pruning of tree crops and construction of drainage channels should be undertaken to minimize stagnation of water over crop gardens or parcels in all low-lying areas in Southwestern, Central, and Eastern regions;
- The resumption of rainfall over most parts of the country will offer conducive conditions for crop and pasture growth, as well as water availability in the cattle corridor for livestock;
- Monitor and report any emergence of crop pests, animal parasites, and plant diseases to technical staff at the sub-county and district;
- The unnecessary use of pesticides and herbicides should be discouraged because surface runoff will carry such chemicals into water sources used by communities and in fish ponds, affecting their productivity;
- The communities are advised to put in place water storage facilities for harvesting rainwater to use during periods with suppressed rainfall;
- Take advantage of the rains and engage in tree planting as a venture to reduce hailstorm damage to crops but also as an income generating project for meeting future household needs;
- Drinking safe water should be promoted, particularly in rural areas as water sources are often contaminated during rainy seasons;
- Urban authorities should continue to clear off clogged water pathways or open up drainage channels to avoid truncation of the roads by turbulent water overflows and over-flooded transport routes.

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.