

# Malawi 10-day Weather and Agrometeorological Bulletin

"In support of National Early Warning Systems and Food Security"



Issue No.04

Period: 01 – 10 November 2025 Season: 2025/2026

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## **HIGHLIGHTS**

- Light to moderate rains experienced over s during the first dekad of November 2025...
- Land preparation still in progress over most parts of the country...
- Rainfall activities over most areas with localized heavy episodes anticipated during the second dekad of November 2025...

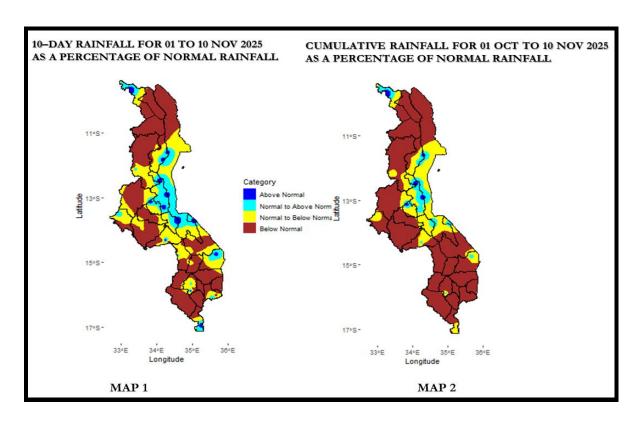


Figure 1: Observed dekadal and cumulative seasonal rainfall as percentage of normal for Malawi

# 1.0 WEATHER SUMMARY

Though some areas experienced hot conditions, but it was generally cloudy with scattered rains. This was due to unstable easterly airmass that prevailed over the country during the period under review.

#### 1.1 RAINFALL SITUATION

During the first dekad of November 2025, rainfall activities were experienced over some areas. As shown in the figure 2 below, the following stations recorded at least a cumulative of 25mm of rainfall; Mpemba Veterinary in Blantyre recorded 65.9mm in 3 rainy days, Nsanje Boma recorded 61.4mm in 2 rainy days, NkhataBay Meteorological station recorded 45.7mm in 5 rainy days, Dwangwa Sugar Company in Nkhotakota recorded 45mm in 3 rainy days, Chintheche Agriculture in Nkhata Bay recorded 43.1mm in 3 rainy days, Nkhotakota Meteorological station recorded 39.8mm in 4 rainy days, Mulanje Boma recorded 38.7mm in 1 rainy day, Chichiri Meteorological station in Blantyre recorded 35.3mm in 1 rainy day, Mimosa Meteorological station in Mulanje recorded 32.3mm in 3 rainy day, Chikweo Agriculture in Machinga recorded 25.7mm in in 2 rainy days and Mpilipili (Makanjila) station in Mangochi recorded 25.6mm in 3 rainy days.

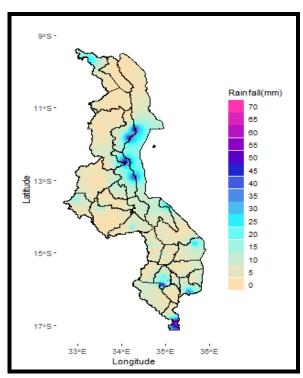


Figure 2: Observed dekadal rainfall for Malawi, 01-10 November 2025

Figure 3 shows the number of rainy days recorded during the first dekad of November 2025. The highest was 5 recorded from NkhataBay Meteorological station while Nkhotakota Meteorological station, Malomo Agriculture in Ntchisi, Mzuzu Meteorological station had 4 rainy days. Mpemba Veterinary, Dwangwa Sugar Company, Chintheche Agriculture, Mpilipili (Makanjila), Mkanda station in Mchinji, Ntchisi Boma and Lifuwu Research in Salima registered 3 rainy days each.

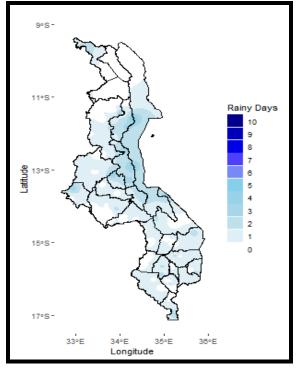


Figure 3: Rainy days for Malawi, 01-10 November 2025

#### 1.2 OTHER WEATHER PARAMETERS

Hot to locally very hot conditions were experienced during the period under review. The average maximum temperature ranged from 26.9°C at Dedza and Byumbwe Meteorological stations to 36.4°C at Ngabu Meteorological Station in Chikwawa where the absolute maximum temperature of 42.6°C was registered on 2<sup>nd</sup> November 2025. On the other hand, the observed average minimum temperatures ranged from 15.8°C at Byumbwe Meteorological Station in Thyolo to 25.3°C at Karonga Meteorological Station.

The air was generally humid over most areas during the last dekad as the average relative humidity ranged from 49% at Karonga Meteorological Station to 70% at Byumbwe Meteorological station.

Daily average wind speeds measured at a height of two metres above the ground level across the country had ranged from 3.2 km per hour at Nkhata Bay Meteorological station to 12.4 km per hour at Salima Meteorological station.

## 1.3 OTHER INDICATORS

From 1st November 2025, most districts have received isolated to scattered rains though the number of rainy days was still minimal.

By November 10th, the onset of the season, had not yet been observed in Malawi. The definition states that "the first day or 3 consecutive days receiving a total of 25mm or more and not followed by 9 consecutive dry days within the next 21 days". Only a few stations are under monitoring as shown in the figure 4 below.

Season: 2025/2026

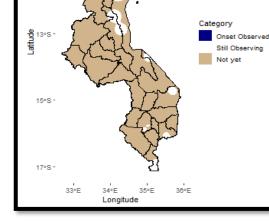


Figure 4 Status of seasonal onset for 2025/2026 season

### 2. AGROMETEOROLOGICAL ASSESSMENT

During the period under review, the main on-farm activity over Malawi has been land preparation in readiness for effective planting rains (refer to figure 5 below). Majority of tobacco growing farmers are busy with works on their tobacco seed nursery beds in readiness for effective planting rains

On the other hand, farmers are busy accessing agricultural inputs such as seeds and fertilizers as the Farm Inputs Subsidy Programme (FISP) has been launched.



Figure 5: Land preparation and manure application in progress, Linthipe, Dedza. Photo credit: Steve Chingadza

## 3. SEASONAL CLIMATE OUTLOOK

The 2025-2026 rainfall season is expected to be influenced predominantly by ENSO neutral conditions.

The rainfall forecast for the 2025/2026 season is that:

"During October to December 2025, total rainfall amounts are anticipated to be generally normal to above-normal in most areas of the country, with normal to below-normal rainfall likely over some parts of the northern areas.

During January to March 2026, total rainfall amounts are anticipated to be generally normal to above-normal. Despite this trend, localized pockets, particularly in parts of Mchinji, Dowa, Kasungu and Lilongwe are projected to receive normal to below-normal precipitation."

Illustration of the forecast is given in figure 6 below with map (a) and map (b) showing sub-seasons October November December (OND) and January February March (JFM), respectively.

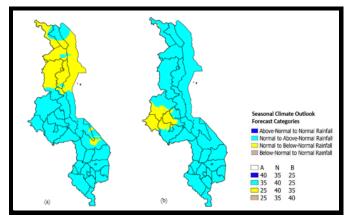


Figure 6: Forecast categories for OND and JFM

At national level, there are higher chances of normal to above normal cumulative seasonal rainfall amounts over most parts of the country.

The November rainfall forecast indicates a likelihood of normal to below-normal rainfall situation across the country, refer figure 7 below map (a). The monthly rainfall totals are likely to range between 50 and 100 mm as shown in figure 7 map (b) below. Chizimalupsa rains are expected within this month.

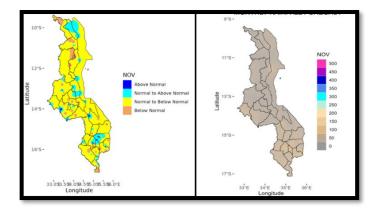


Figure 7: November 2024 rainfall forecast (a) categories and (b) values

In terms of dekadal rainfall amounts for the period 11-20 November 2025, above-normal category of the historical dekadal amounts is anticipated for the majority of areas of the country This is represented by the map in Figure 8.

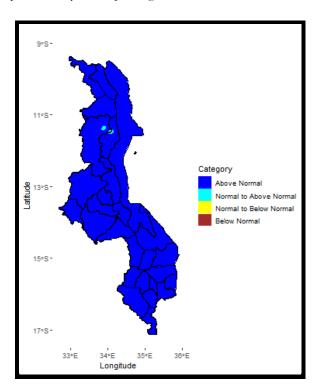


Figure 8: dekadal rainfall outlook for Malawi for 11-20 November 2025

In terms of temperature, November 2025 is set to intensify the heat experienced in the preceding month (October), with the national average temperature projected to be 0.3 degrees Celsius higher than October's. On the other hand, certain central districts are projected to experience cooler-than-normal temperatures as

shown in map (a) in figure 9 below. The average temperatures are expected to fall within the range of 26 to 38 degrees Celsius as captured in map (b) of figure 9 below.

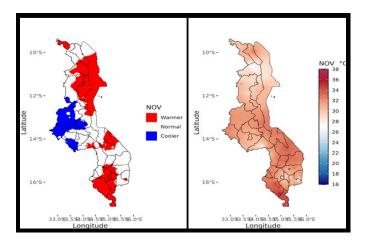


Figure 9: November 2025 temperature forecast

## 5. POTENTIAL IMPACTS

As the rains are expected over most areas during 11–20 November 2025, farmers are advised to watch both the intensity and spatial distribution before making a decision to plant to avoid poor germination and seed loss. During this period, they should focus on land preparation, acquisition of farm inputs, and maintenance of irrigation infrastructure to sustain ongoing irrigation activities.

Livestock farmers are advised to ensure their stock has adequate shade and access to clean water to reduce heat stress and infections.