



MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES

CHIRADZULU DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

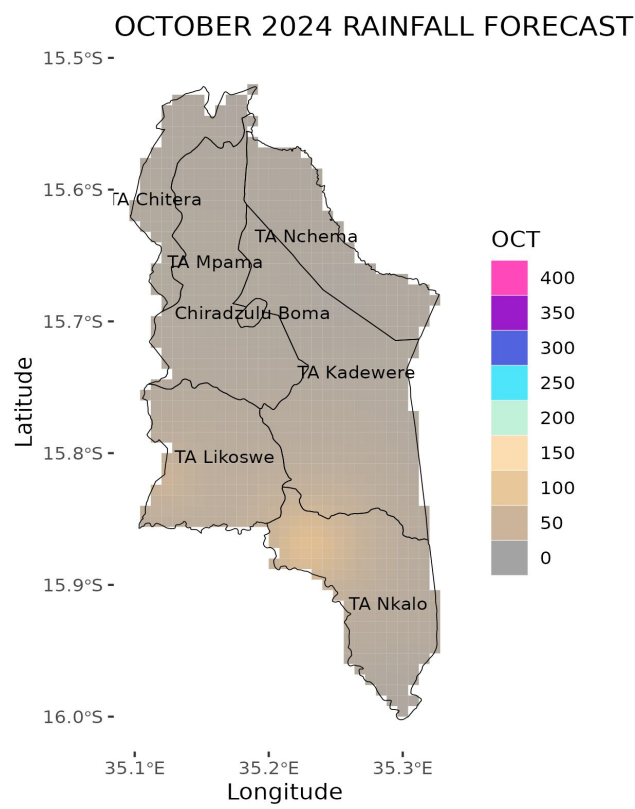


Overview of 2024/2025 Rainfall Season

The 2024-2025 rainfall season is expected to be influenced by a weak La Nina. La Nina is the unusual cooling of ocean waters over the eastern-central equatorial Pacific Ocean.

Chiradzulu district is expected to receive **normal to above normal** total rainfall amounts, however **normal to below normal** rainfall is expected in the month of **November**.

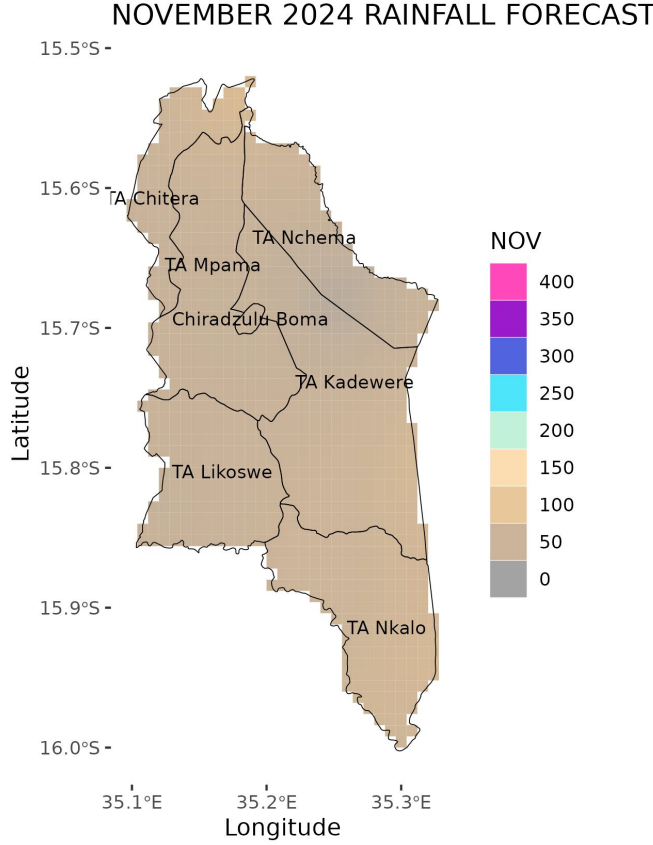
October 2024



Throughout October, most regions will typically experience dry conditions. However, some areas may receive Chizimalupysa up to 70 mm. This precipitation is considered normal to above-normal and wetter compared to the previous season.

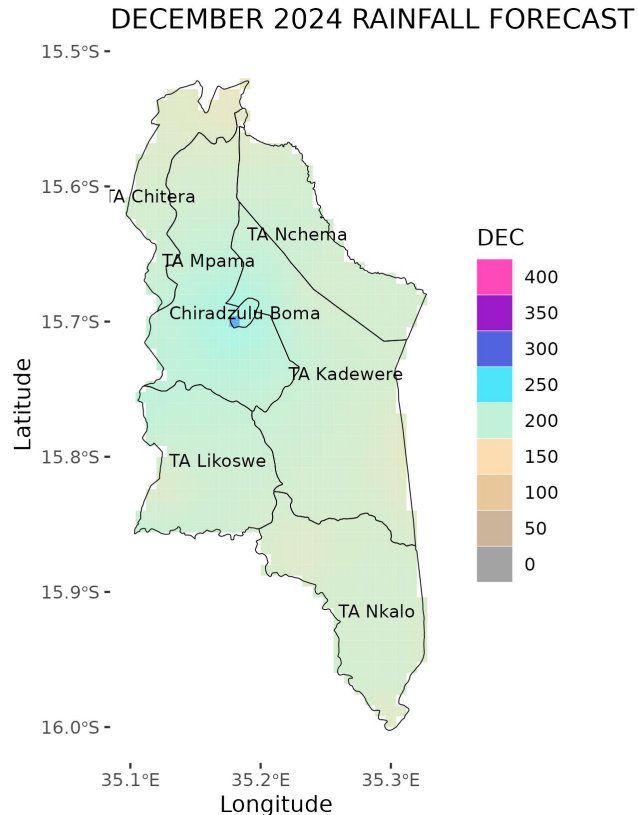
Additionally, strong winds and lightning are anticipated.

November 2024



Normal to below-normal rains ranging from 30 to 50 mm are expected in this month which is lesser than last season's rains. Areas such as TA Likoswe and around TA Nchemba may experience pockets of below-normal rainfall. Rainfall onset accompanied with thundery activities is likely from the **final week of November**.

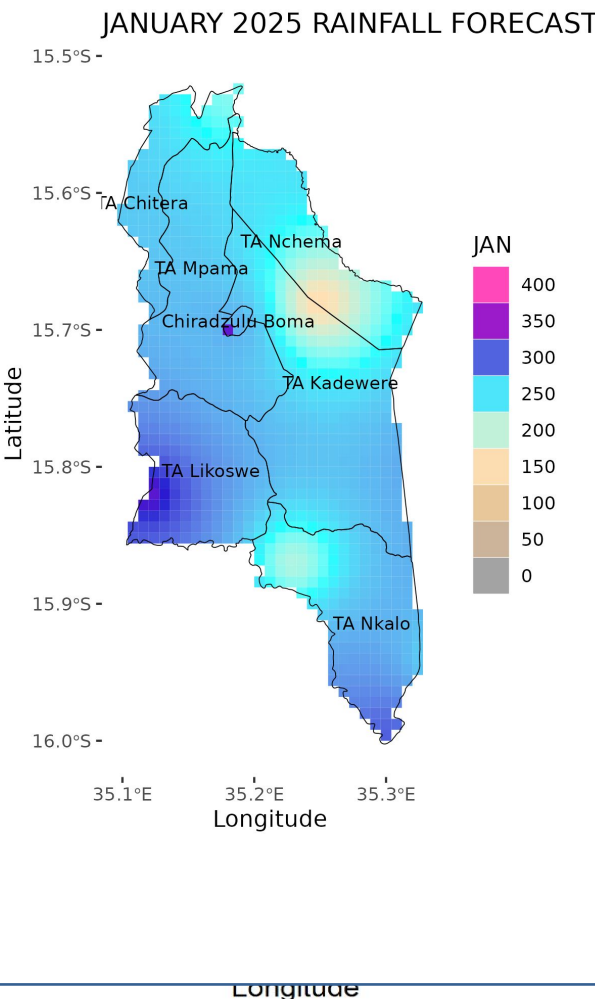
December 2024



Wetter December than last season's is expected with amounts ranging from 160 to 270 mm .

This is normal to above-normal rainfall. Nevertheless, eastern most areas of the district may experience normal to below-normal rains. Planting rains may be fully established by **first week of December**.

January 2025

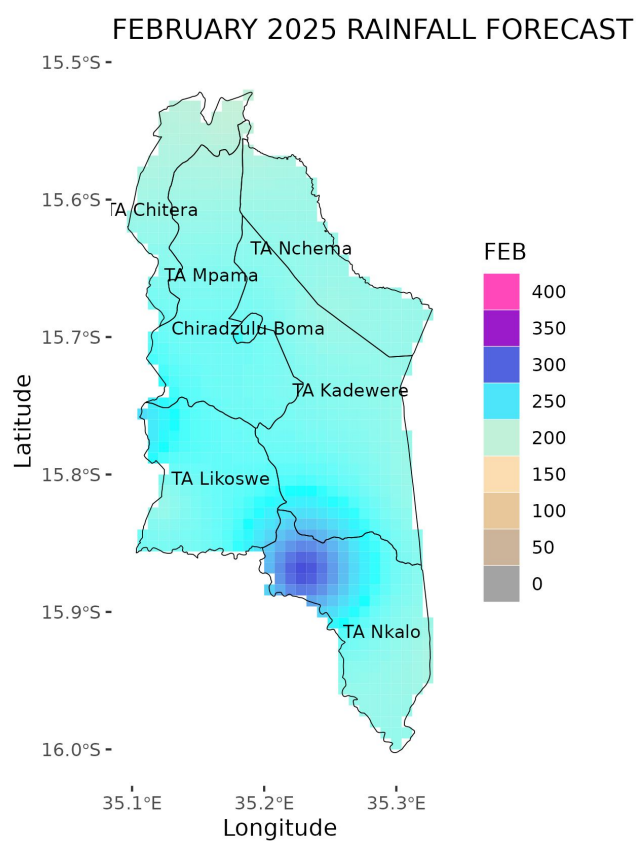


January is expected to be wetter than last year. Amounts may exceed 300 mm over TA Likoswe.

Lesser rains are however expected to the east of Chiradzulu boma and the south of TA Nchemba.

About a week of dry spells is expected in January.

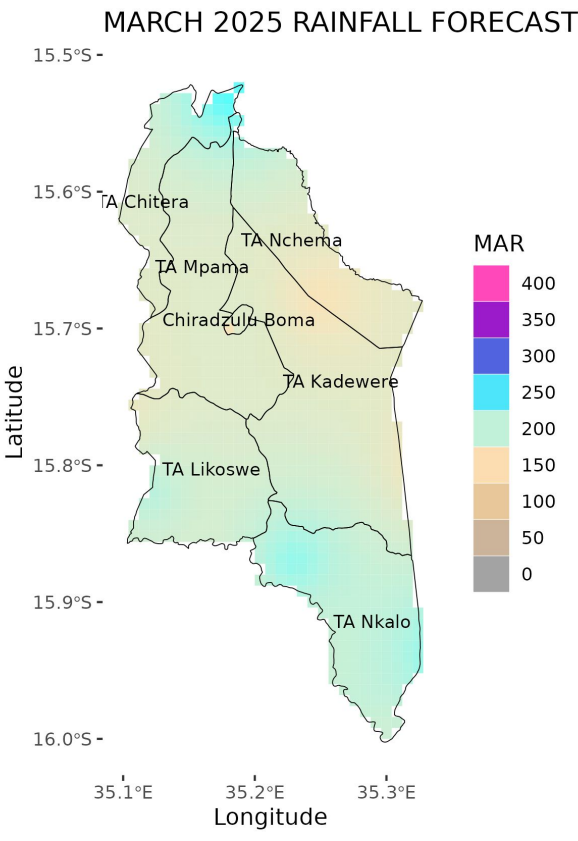
February 2025



Wet conditions are expected to continue in February with amounts ranging from 215 to 240 in many areas.

Some areas in TA Nkalo and Chiradzulu boma, however, may receive rainfall of up to 300 mm. **Dry spells exceeding 7 days are likely.**

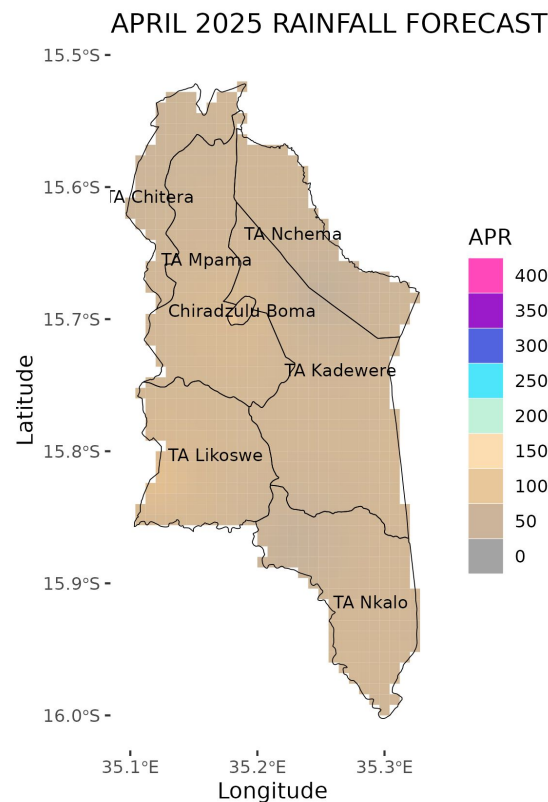
March 2025



Normal to above-normal rainfall is expected in March.

Most northern and southern areas should anticipate to receive around 200 mm while central and eastern areas are expected to receive just over 100 mm.

April 2025



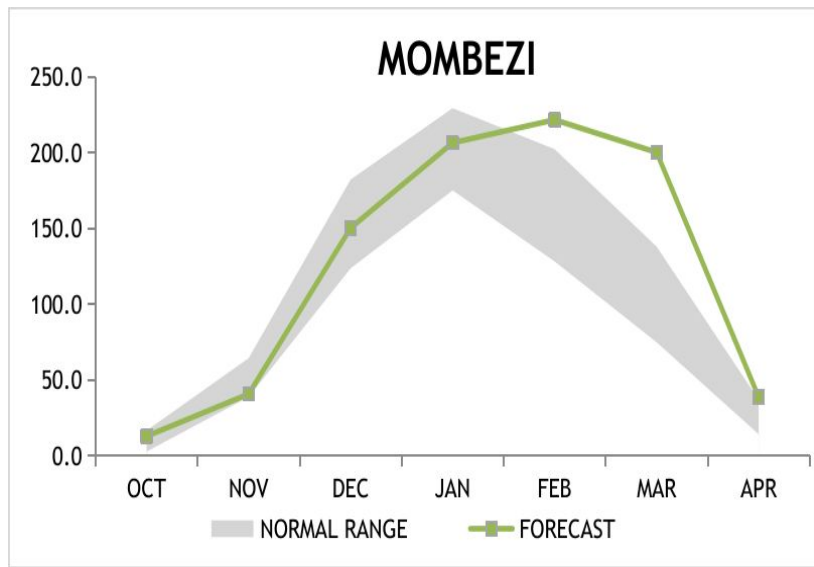
Normal to above-normal rainfall is expected with most areas expected to receive rainfall less than 90 mm

Rainfall cessation is expected around mid April.

- Rainfall **onset** for this season is expected between the **final week of November** and **first week of December**.
- **Cessation** is expected between **second and fourth week of April**.
- **Dry spells exceeding 7 days are likely in February.**
- The seasonal length is expected to be between **120-140 days**.

The table and figure below show monthly rainfall distribution for the season with a normal band in grey.

| MOMBEZI | | | |
|---------|--------------|----------|-------|
| MONTH | NORMAL RANGE | FORECAST | |
| OCT | 2.7 | 16.6 | 12.9 |
| NOV | 38.8 | 64.4 | 40.7 |
| DEC | 123.8 | 182.4 | 150.4 |
| JAN | 175.2 | 229.6 | 206.7 |
| FEB | 128.3 | 202.5 | 221.9 |
| MAR | 74.8 | 138.0 | 200.3 |
| APR | 14.1 | 37.0 | 38.7 |



The forecast will be updated in December 2024

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