

MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

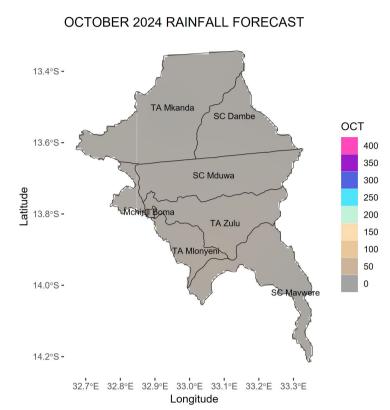


DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES MCHINJI DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

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.

Mchinji is expected to receive normal to above normal total rainfall amounts during the rainfall season from October 2024 to April 2025.



October 2024

During this month, most areas in the district are expected to be generally dry.

Less than 20mm of rainfall amount is expected over some parts of the district.

The likelihood of strong winds accompanied by lightning is high.

November 2024

DOVEMBER 2024 RAINFALL FORECAST

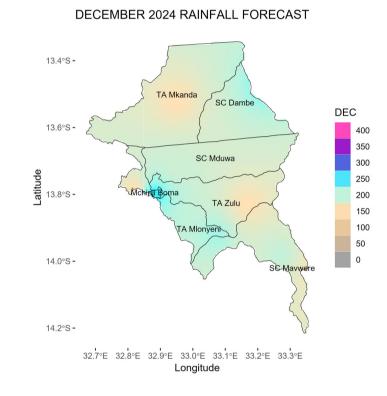
Longitude

Normal to below normal rainfall amount is expected during this month compared to last season of 2023/2024 rainfall season. Rainfall amounts ranging from 30mm to 80mm is expected over most parts of the district. There is also high chance of gusty winds and lightning.

December 2024

February 2025

January 2025

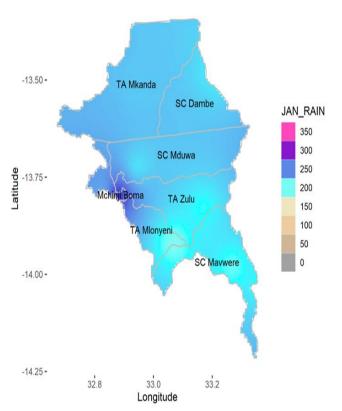


Onset of the season is likely between last week of November and second week of December 2024.

Areas within Mchinji Boma, TA's Mlonyeni, Dambe and Mavwere are expected to receive rainfall amounts between 200-250mm.

Some parts of TA's Mkanda and Zulu are expected to receive rainfall amounts between 150-200mm.





Normal to above normal rainfall is expected across the district in January 2025.

Most areas are expected to receive between 200-300mm of rainfall amounts.

However, some parts of Mchinji Boma are likely to receive rainfall amounts of above 300mm.

Dry spells exceeding 7 days are unlikely.

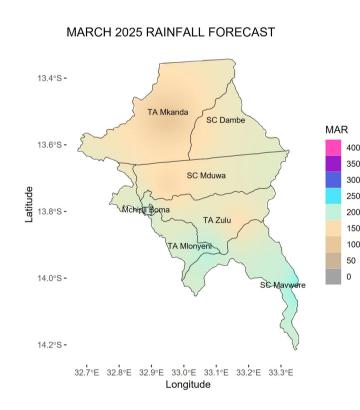
FEBRUARY 2025 RAINFALL FORECAST

Normal to above normal rainfall is expected across the district during the month compared to 2023/2024 rainfall season.

Most areas in the district are expected to receive between 180 - 250mm of rainfall amounts. However, areas around TA Mkanda are expected to receive more than 250mm of rainfall amounts.

There is likelihood of dry spells of more than 7 days in some parts of the district.

March 2025



Most areas in the district are expected to receive rainfall amounts between 100-200 mm which is within the normal range.

Areas in parts of Mchinji Boma, TA's Zulu, Mkanda and Mlonyeni are expected to receive rainfall of more than 200mm.

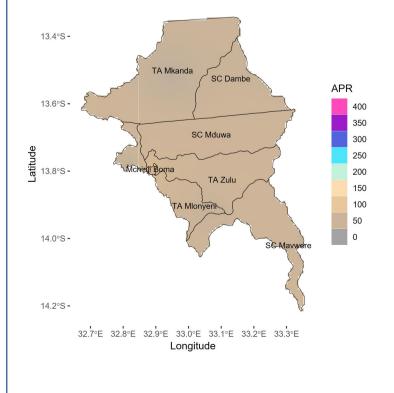
Early rainfall cessation is expected over some areas of the district during the last week of March 2025 though in some areas cessation will be late.

Rainfall onset in Mchinji is expected from the **last week of November to** second week of December 2024.

Cessation is expected from the last week of March to the second week of

April 2025

APRIL 2025 RAINFALL FORECAST



The month of April marks the end of rainfall season in Malawi.

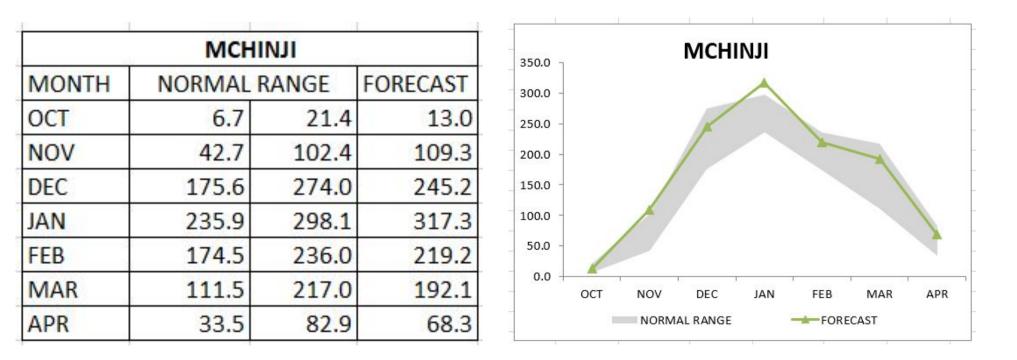
However, most areas in Mchinji are expected to receive rainfall amounts between 30–80 mm. This amount of rainfall is

within the normal range for the district.

April 2025.

Dry spells exceeding 7 days are not likely in the month of January but likely in February.

The season length is likely to be between 110 to 125 days.



The forecast will be updated in December 2024

For further information contact: The Director of Climate Change and Meteorological Services, P.O. Box 1808,Blantyre. Tel +265 1 82 47 12 / Cell: +265 882 26 65 79 Email:

<u>metdept@metmalawi.gov.mw</u>; Website: <u>www.metmalawi.gov.mw</u>

Produced and printed with support from:

