

# MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

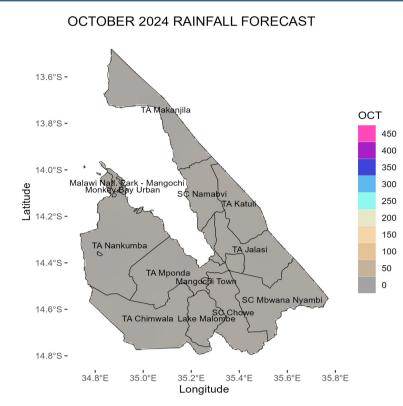


#### **DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES** MANGOCHI DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

### 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.

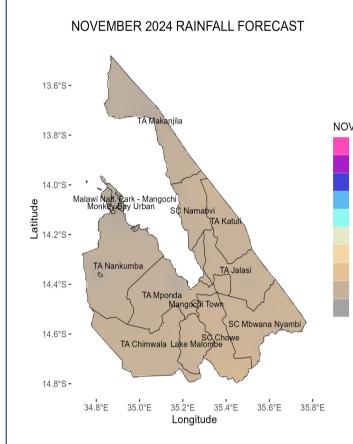
Mangochi district is expected to receive normal to above rainfall, with notable below-normal rainfall amounts during October-November\_December sub-season.



## October 2024

During the month of October, Mangochi is expected to be dry. Most areas will receive rainfall less than 30mm.

The rains are likely to be accompanied by gusty winds.



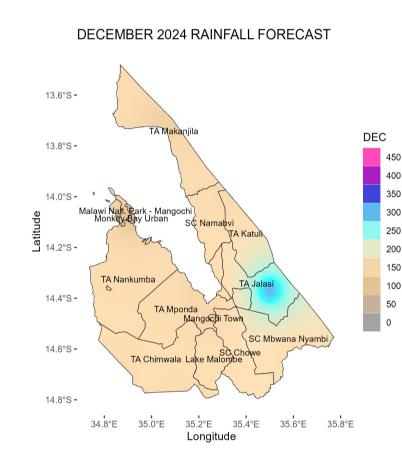
### November 2024

The rainfall amounts during this month are expected to be within the range of 30-80 mm which will be normal to below-normal.

The occurrence of gusty winds and thunderstorms are expected to be high during this month. Rainfall onset is likely to be from the last week of November.

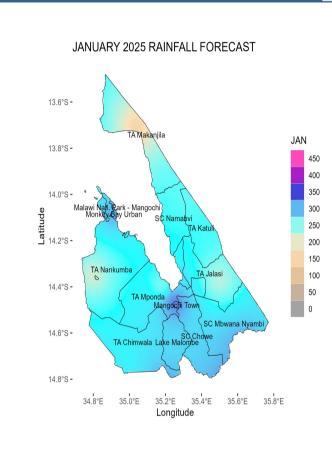
#### December 2024

#### Ianuarv 2025



There will be a pick during this month as Mangochi is expected to receive normal to above-normal rainfall amounts with pockets of below-normal in few TAs such as SC Mbwana Nyambi .

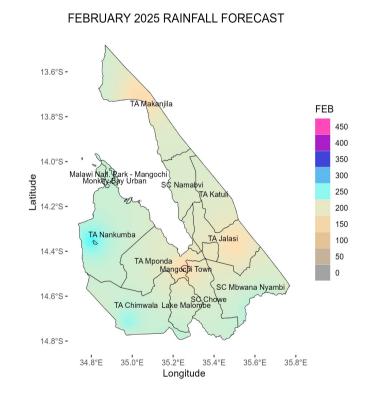
The expected rainfall amounts is approximately 200mm while areas around TA Jalasi will receive about 250mm.



During the month of January, most areas of Mangochi are expected to normal to above-normal receive rainfall amounts in a range of 200 -320mm except for Areas around TA Makanjira that are expected to receive rainfall amounts in the range of 150 – 180mm. The threat of floods is high during this month.

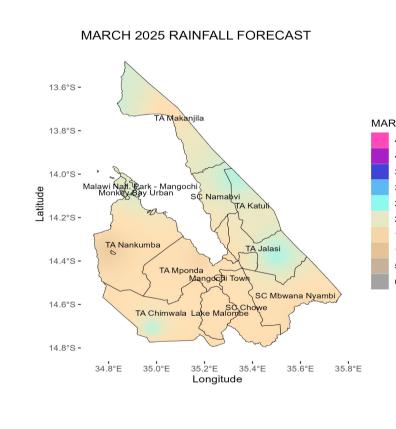
Dry spells of about 7 days are likely in January.

#### February 2025

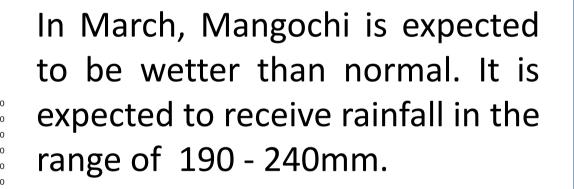


The normal to above-normal rainfall amounts in the range of 200 - 270mm are expected to continue into February.

Dry spells of about 7 days are likely in this month.

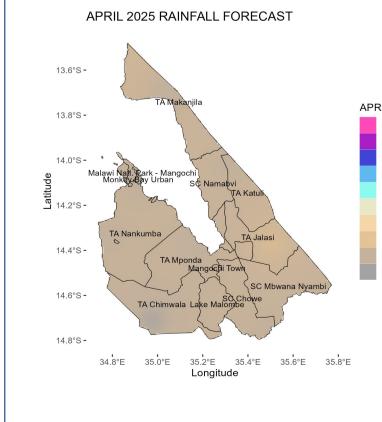


**March 2025** 



**Onset for most areas** is expected around the **last week of November.** However, few areas around Monkey Bay, may have late onset during the second week of December. Cessation is expected during the second week of April. The seasonal length is likely to have an average 100-130 days with a likelihood of prolonged dry spells of more than 7 days in both January and February.

#### April 2025

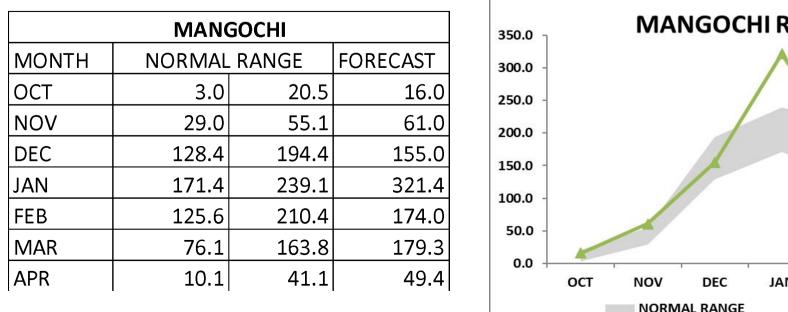


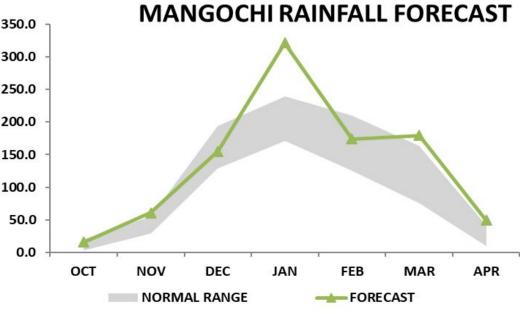
As the rainfall season will be going towards the end, nonetheless, most areas in Mangochi are expected to receive normal to above normal 400 rainfall amounts in the range of 40 – 250

150 70 mm. 100

> Cessation is expected during the second week of this month for most areas.

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





#### The forecast will be updated in December 2024

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