



MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



MULANJE DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

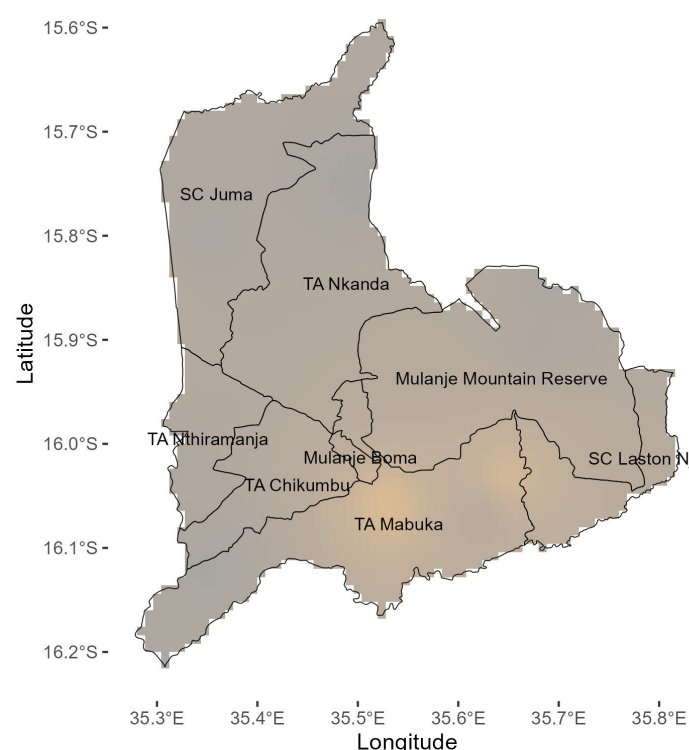
OVERVIEW OF 2024/2025 RAINFALL SEASON

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.

Mulanje district is expected to receive **normal to above-normal rainfall**, with notable below-normal rainfall amounts in November 2024.

October 2024

OCTOBER 2024 RAINFALL FORECAST

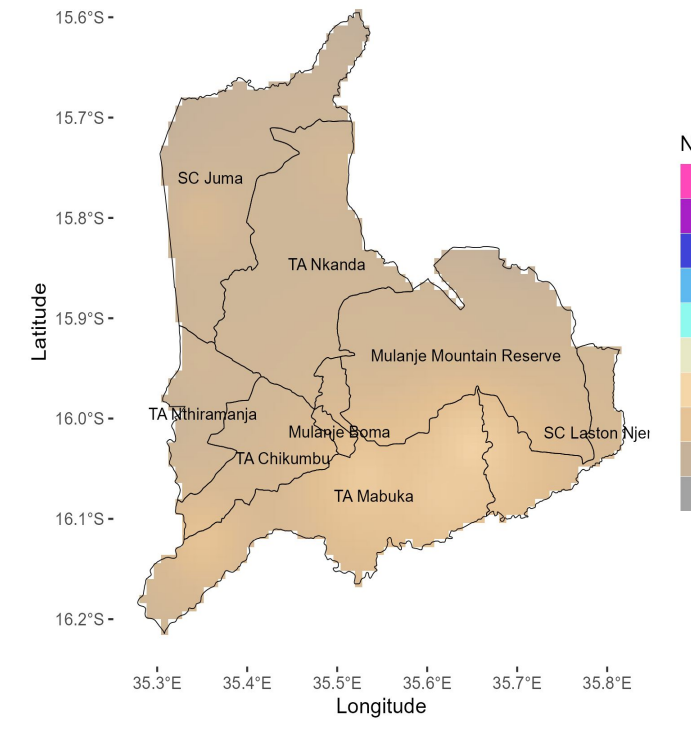


During October, Mulanje is expected to be in the normal category as most areas will receive rainfall in the 10- 70 mm range.

The rains are expected to be accompanied by gusty winds.

November 2024

NOVEMBER 2024 RAINFALL FORECAST

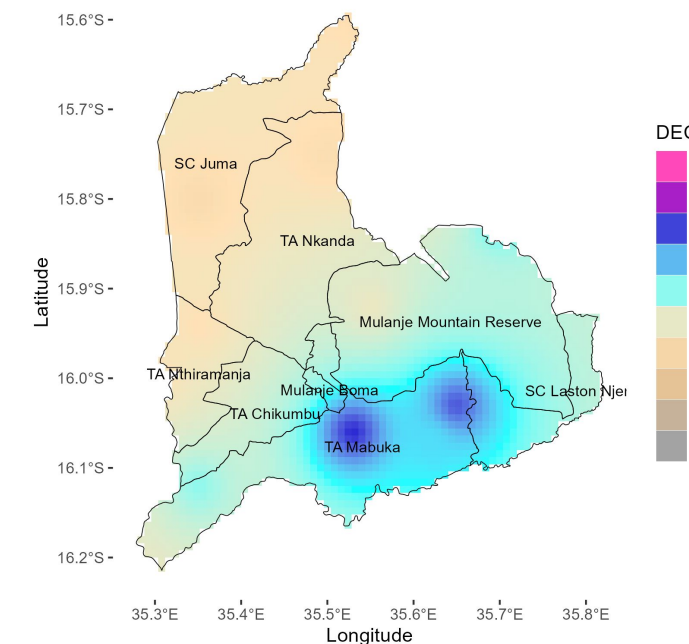


The rainfall amounts during this month are expected to be within the range of 50-140 mm which will be normal to below normal.

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

December 2024

DECEMBER 2024 RAINFALL FORECAST



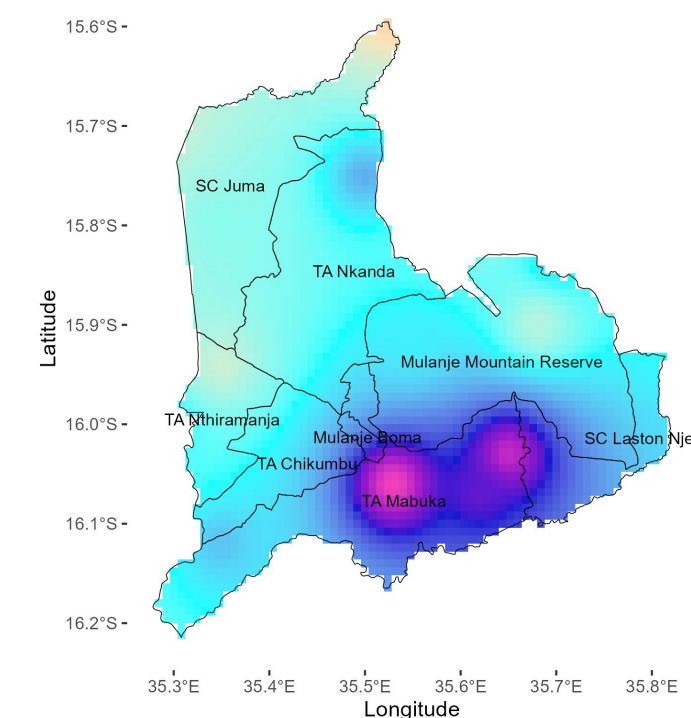
Normal rainfall amounts are expected over Mulanje this Month.

Most areas in the eastern and central areas of Mulanje are expected to receive highest rainfall amounts than the rest of the district. Areas around Mulanje Mountain, SC Laston Njema and TA Mabuka are likely to receive rains in the range of 250mm to 350mm, increasing the risk of flooding.

However, areas in the north of the district such as SC Juma and TA Nkanda are expected to receive between 160mm to 200mm.

January 2025

JANUARY 2025 RAINFALL FORECAST

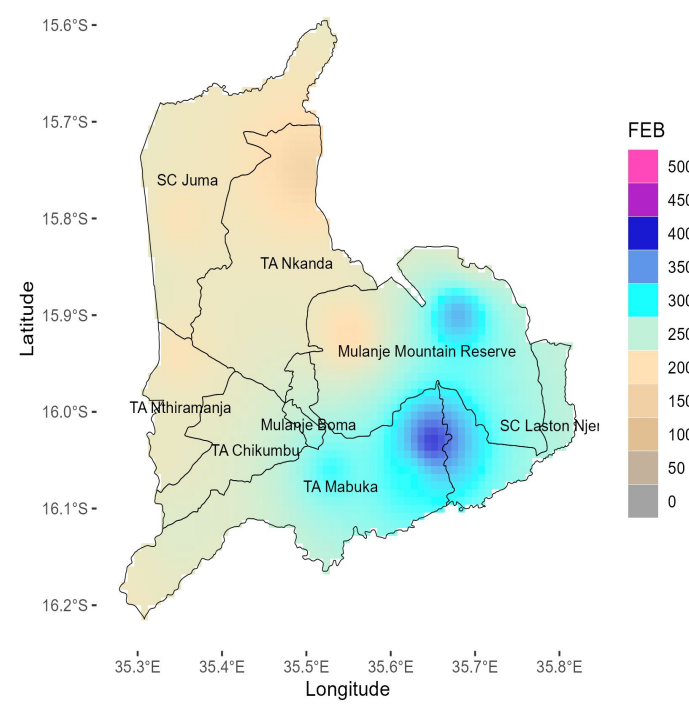


January is expected to be a very wet month. The highest rainfall is expected in most areas such as TA Mabuka, Mulanje Boma and Mulanje Mountain Reserve in the range of 300 – 490mm.

The areas of TA Nthiramanja, TA Chikumbu, TA Nkanda and SC Juma are expected to receive rainfall in the range of as high as 260 - 300mm. The threat of floods will be high.

February 2025

FEBRUARY 2025 RAINFALL FORECAST



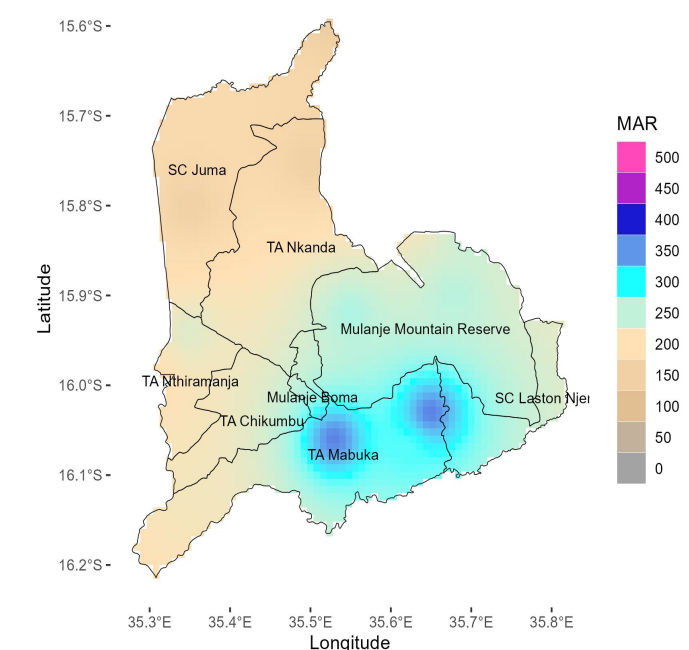
In February, there is a chance of receiving normal to above-normal rainfall in most areas of Mulanje.

In the area of SC Juma, TA Nkanda, TA Nthiramanja and TA Chikumbu, rainfall amounts are expected to be in the range of 160mm to 200mm. Highest rainfall are expected in areas around Mulanje Boma and SC Laston Njema in the range of 230 – 350mm

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

March 2025

MARCH 2025 RAINFALL FORECAST



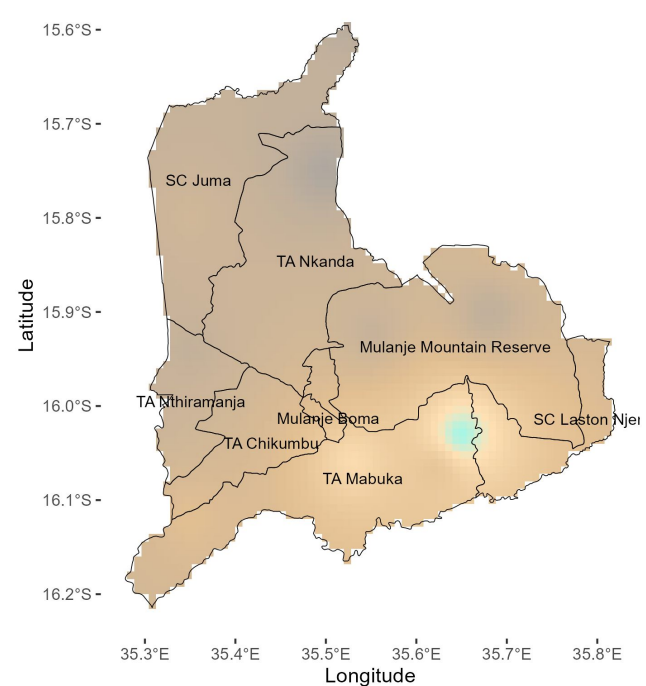
March is expected to be very wet over most areas of the district.

High rainfall amounts in the range of 250 – 360mm are expected in areas of SC Laston Njema, TA Mabuka and Mulanje Boma.

The northern areas of the district such as in TA Nkanda and SC Juma are expected to receive rainfall in the range of 170 – 230mm.

April 2025

APRIL 2025 RAINFALL FORECAST



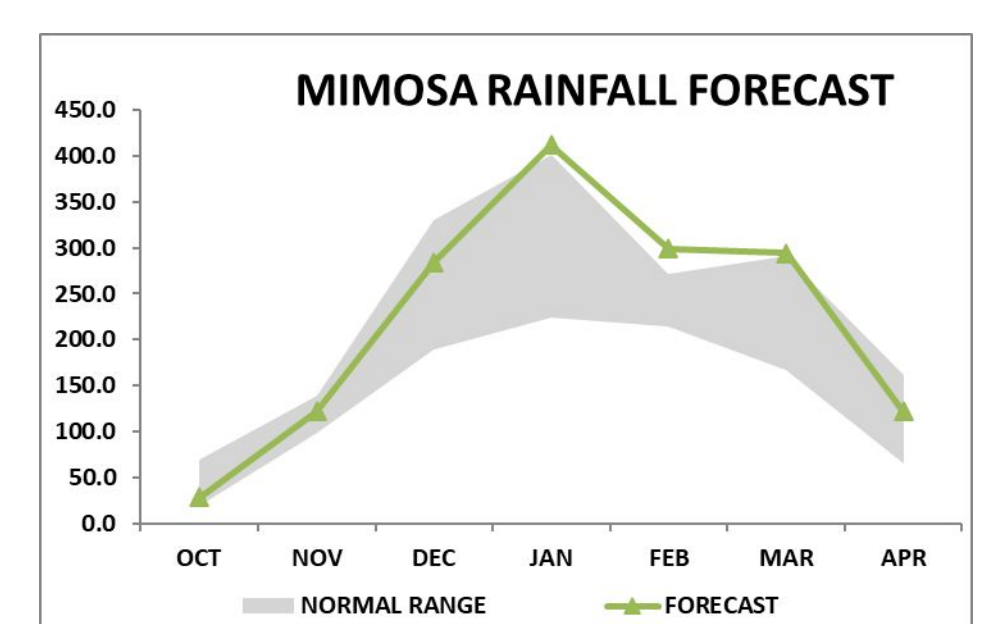
In April, Mulanje is expected to receive rainfall around 70mm.

Rains are expected to come to an end from the **third week of April.**

Onset is expected from the **third week of November** to **early December**. **Cessation** is expected from the **third week of April**. Season length of up to **150 days**. **Dry spells of about 7 days** are likely in February.

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

MIMOSA			
MONTH	NORMAL RANGE	FORECAST	
OCT	19.5	69.2	28.8
NOV	98.4	138.7	122.1
DEC	188.7	329.7	284.2
JAN	223.7	401.1	412.2
FEB	214.1	271.1	298.8
MAR	166.8	291.2	294.4
APR	65.0	160.8	122.1



The forecast will be updated in December 2024

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