

MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE



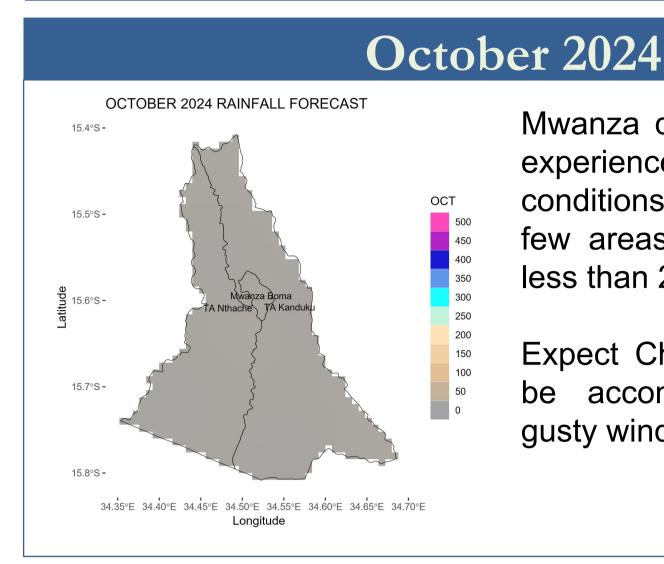
DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES

MWANZA 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 eastern-central equatorial Pacific Ocean.

Mwanza District is expected to receive generally normal to above normal rainfall during the rainfall season from October 2024 to April 2025.



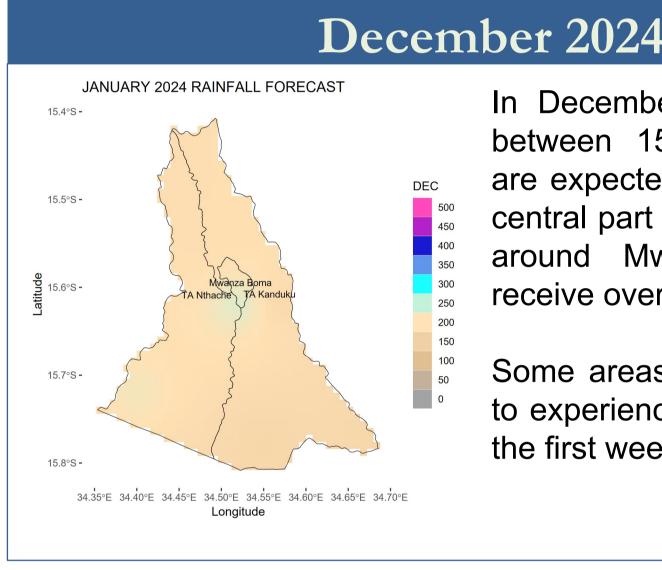
Mwanza district is expected to experience mostly dry conditions in October, with a few areas receiving rainfall of less than 20mm.

Expect Chizimalupsa rains to be accompanied by strong, gusty winds and lightning.

November 2024 **NOVEMBER 2024 RAINFALL FORECAST** 15.5°S -9 15.6°S-34.35°E 34.40°E 34.45°E 34.50°E 34.55°E 34.60°E 34.65°E 34.70°E

Rainfall ranging from 40 to 100 mm is anticipated in November, with the onset expected in most areas toward the end of the month.

Expect rains to be accompanied by strong winds and lightning during the month.



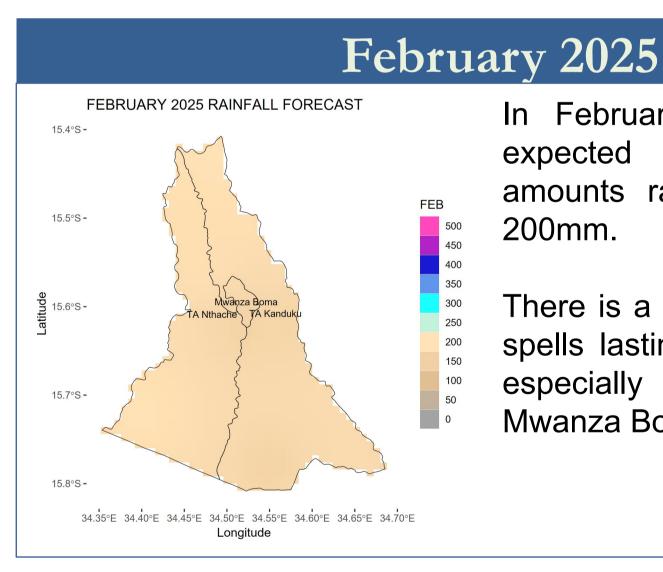
In December, rainfall amounts between 150mm and 250mm are expected, particularly in the central part of the district. Areas around Mwanza Boma may receive over 250mm of rainfall.

Some areas may also continue to experience their onset during the first week of this month.

January 2025 JANUARY 2025 RAINFALL FORECAST 15.5°S -Latitude 15.6°S -15.7°S -15.8°S -34.35°E 34.40°E 34.45°E 34.50°E 34.55°E 34.60°E 34.65°E 34.70°E

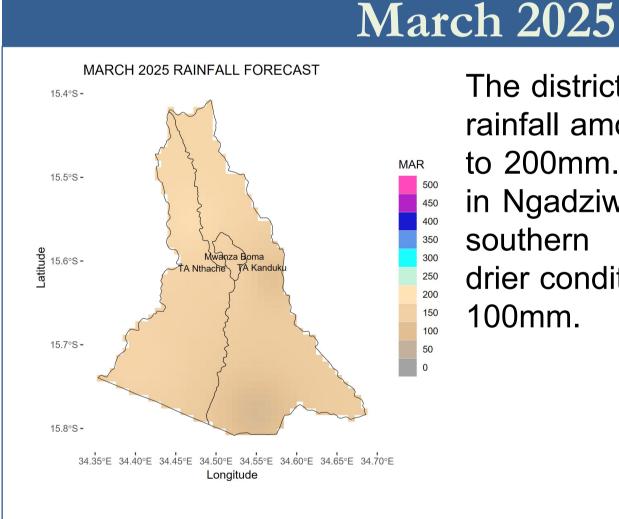
In January, rainfall amounts are expected to range from 250 to 500mm, with a few areas in the southern tip of the district likely receiving less than 200mm.

The chance of prolonged spells this month is low.



In February, most areas are rainfall expected to receive amounts ranging from 150 to 200mm.

There is a high likelihood of dry spells lasting up to two weeks, especially in areas around Mwanza Boma.

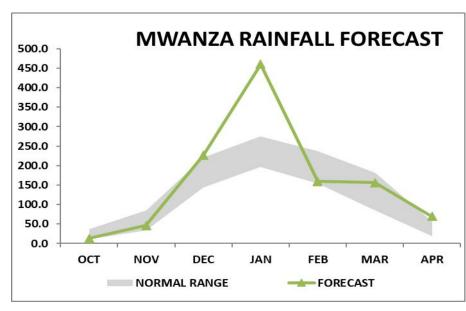


The district is expected to receive rainfall amounts ranging from 150 to 200mm. However, some areas in Ngadziwe, which is around the southern tip, may experience drier conditions with rainfall below 100mm.

Rainfall onset is expected between last week of November and first week of December. Cessation is expected during the third week to last week of April. The 2024/2025 rainfall season is expected between 130 to 150 days. There is a likelihood dry spells of up to two weeks during February and March.

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

MWANZA			
MONTH	NORMAL	RANGE	FORECAST
ост	10.9	36.2	13.2
NOV	34.5	84.9	46.2
DEC	143.4	221.4	227.5
JAN	196.9	275.7	460.0
FEB	154.8	237.4	159.4
MAR	84.8	181.3	155.9
APR	19.0	56.9	69.5



APRIL 2025 RAINFALL FORECAST

April 2025

100

April marks the end of the rainfall season in the district.

Most areas are expected to receive rainfall amounts of less than 80mm during the month.

The forecast will be updated in December 2024

34.35°E 34.40°E 34.45°E 34.50°E 34.55°E 34.60°E 34.65°E 34.70°E

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15.4°S -

15.5°S -

15.6°S -

























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