



DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



PHALOMBE DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

Overview of 2024/2025 Rainfall Season

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

The season will be wetter as compared to the previous season as PHALOMBE District is expected to receive normal to above normal rainfall amounts.

15.9°S -

15.6°S -

- 8°7.31

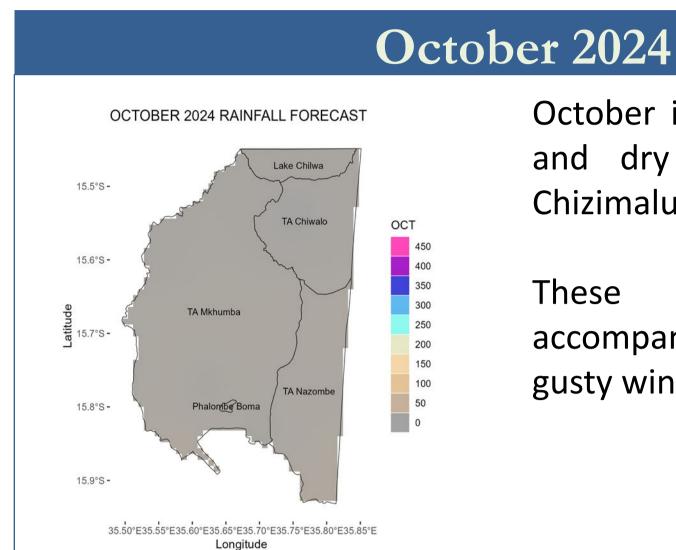
15.8°S -

35.50°E35.55°E35.60°E35.65°E35.70°E35.75°E35.80°E35.85°E

JANUARY 2025 RAINFALL FORECAST

TA Mkhumba

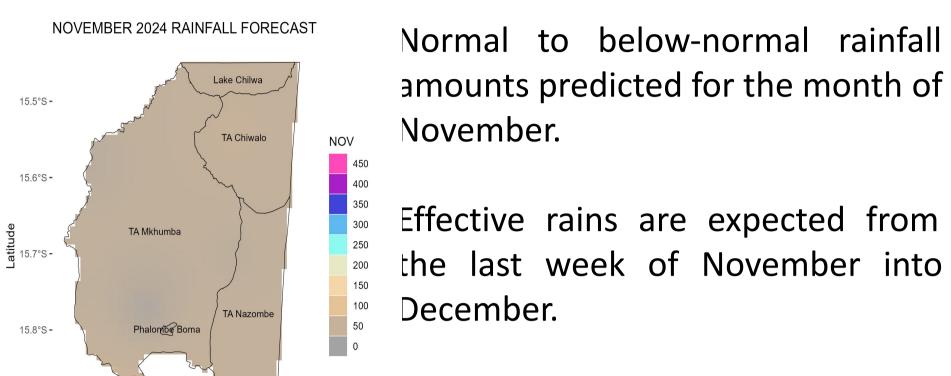
35.50°E35.55°E35.60°E35.65°E35.70°E35.75°E35.80°E35.85°E



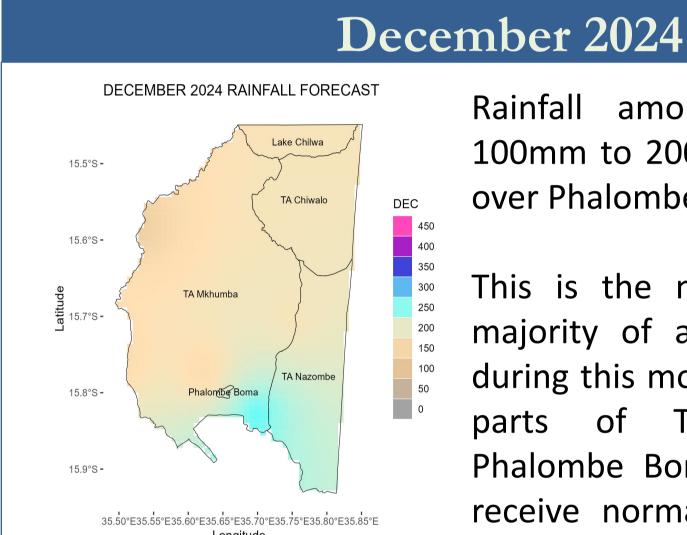
October is expected to be hot and dry with a chance of Chizimalupsa rains.

These rains might be accompanied lightning and gusty winds.

November 2024



Expect the rains to be accompanied by gusty winds and lightning.



Rainfall amounts ranging from 100mm to 200mm are anticipated over Phalombe during December.

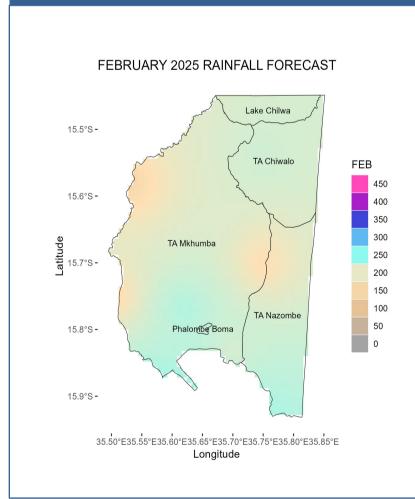
This is the normal amounts for majority of areas in the district during this month. However, some of Nazombe parts TA Phalombe Boma are expected to receive normal to above normal rains.

January 2025

The month of January is expected to be very wet across the district. Most areas such as TA Chiwalo, TA Nazombe, and around Phalombe Boma are expected to receive rainfall amounts of up to 300mm.

Threat of prolonged dry spells of more than one week is low during this months

February 2025

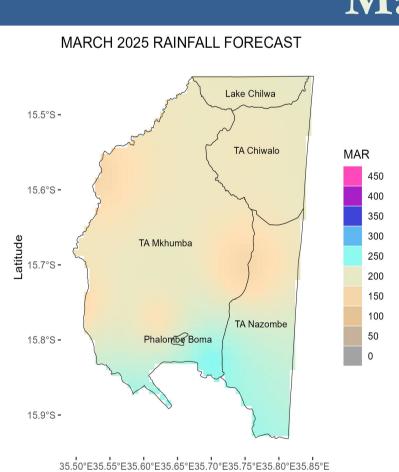


Rainfall amounts ranging from 150mm to 300mm are anticipated over Phalombe during the month of February 2025.

The anticipated rainfall amounts indicate a normal to above normal scenario for majority of areas of the district.

However, there is a likelihood of more than 7 consecutive dry days in some areas.

March 2025

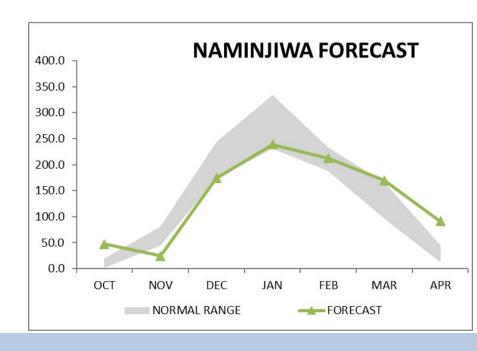


Rainfall is expected over more areas in March. Highest rainfall amounts are expected in areas TA Nazombe such as and Phalombe Boma

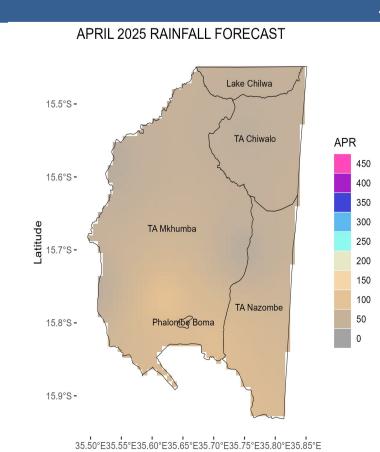
The rainfall **onset** is expected between third and last week of November. Rainfall **cessation** is expected to occur from first week of April 2025. The seasonal length is expected to range from 110 to 150 days. Prolonged dry spells of 1 week are most likely in February.

The table and figure below show monthly rainfall distribution for the season with a normal hand in grev

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MONTH	NORMAL	RANGE	FORECAST	
ОСТ	1.4	19.4	46.9	
NOV	44.4	80.5	24.2	
DEC	173.1	244.3	173.8	
JAN	231.2	333.6	239.0	
FEB	186.8	232.7	212.2	
MAR	95.6	165.7	169.8	
APR	12.1	44.5	90.8	



April 2025



Most areas are likely to receive normal to below normal rainfall amounts of at most 150mm.

A late cessation is expected from the first week of April 2025

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: metdept@metmalawi.gov.mw; Website:

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