



MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES

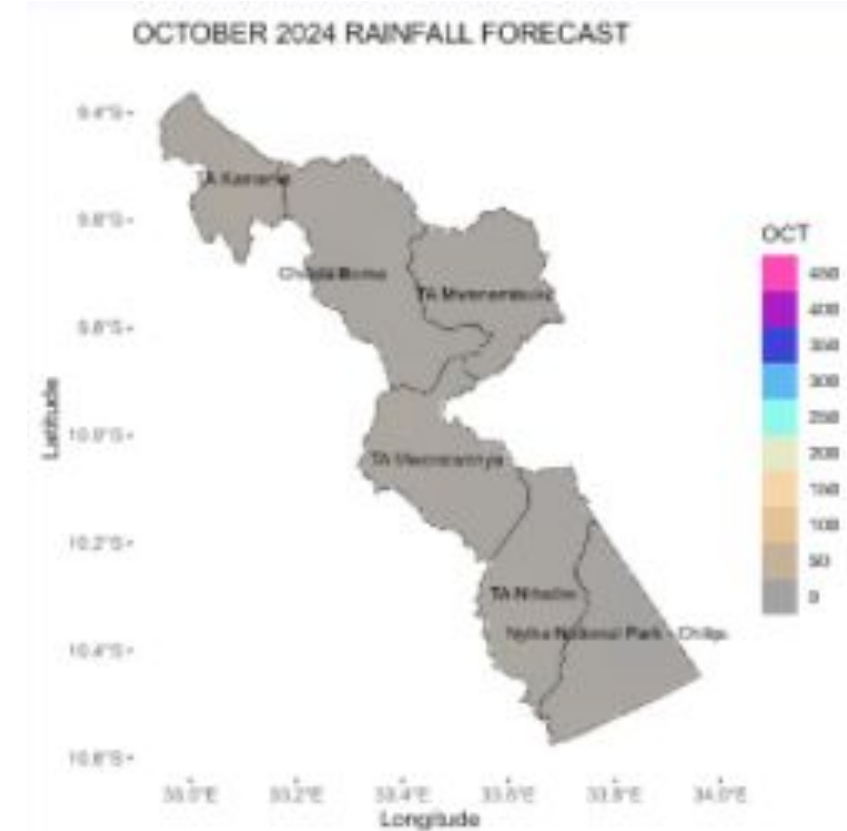
CHITIPA DISTRICT DOWNSCALED SEASONAL FORECAST FOR 2024-2025



Overview of 2024-2025 Rainfall Season

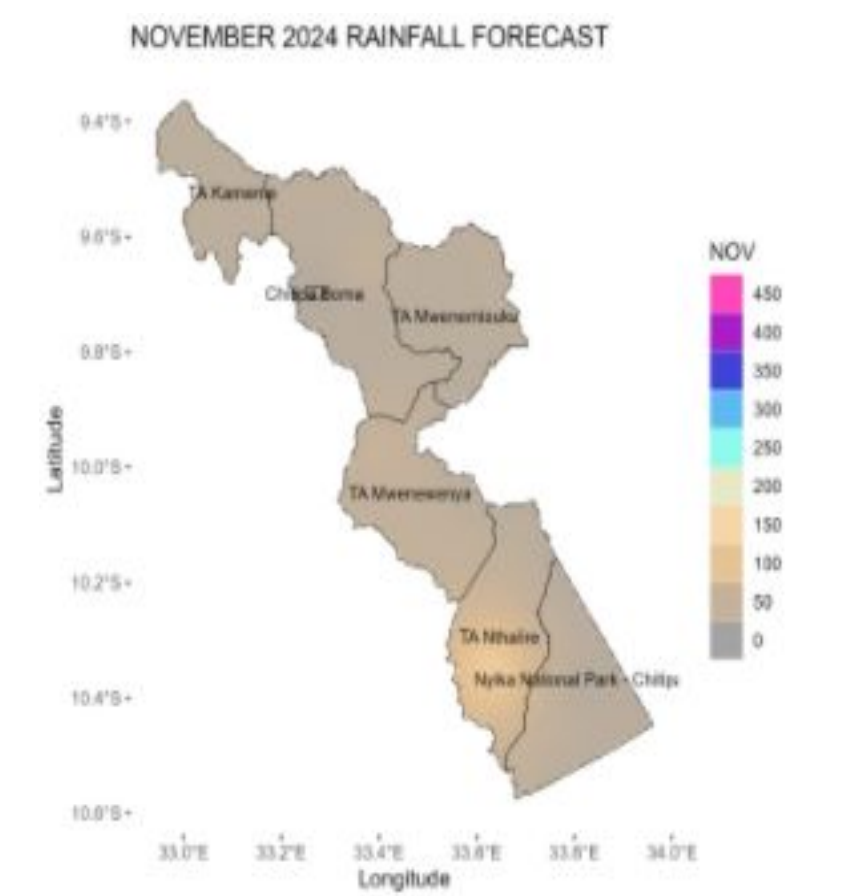
The 2024-2025 rainfall season is expected to be influenced by a weak La Nina. La Nina is the unusual cooling of ocean waters over the eastern-central equatorial Pacific Ocean. Chitipa District is expected to receive **normal to above normal rainfall amounts** during the 2024-2025.

October 2024



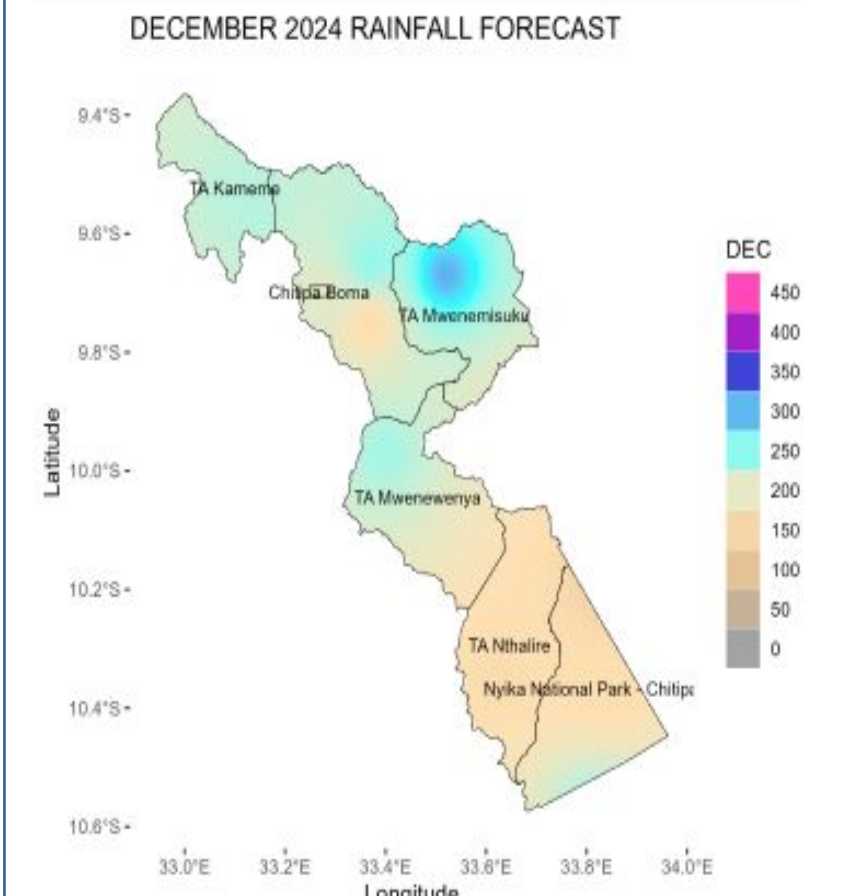
The month of October is the beginning of seasonal rainfall monitoring in Malawi. But Chitipa district is expected to be generally dry.

November 2024



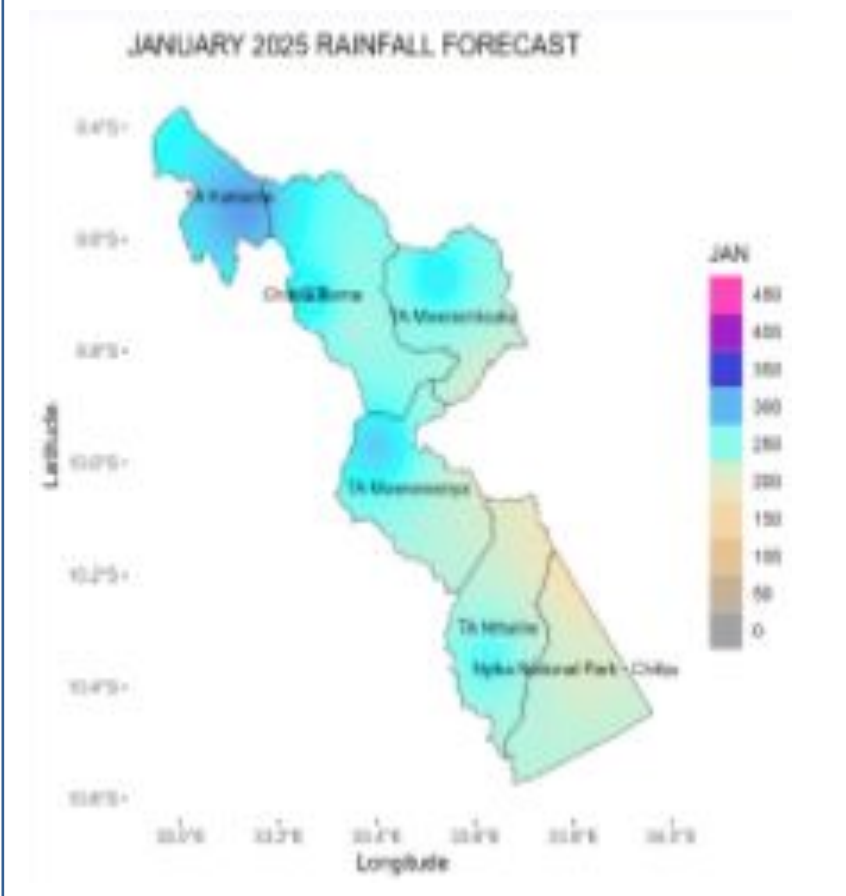
During the month of November, most southern parts of the district are expected to receive up to 100mm. However, TA Nthalire and parts of Nyika National Park - Chitipa are expected to receive rainfall in the range of 100mm-150mm. The onset of the season is expected during the **last week of November into the second week of December 2024**. Strong winds and lightning incidents are expected during this month.

December 2024



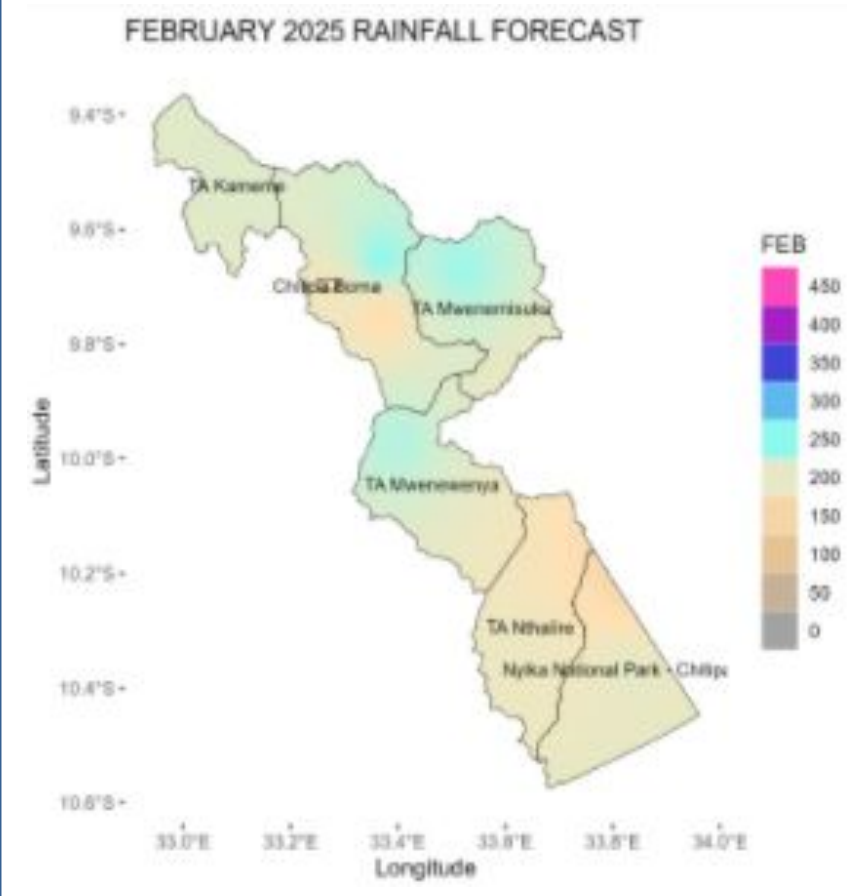
More rains is expected during the month of December as rainfall systems become established. Rainfall amounts expected across the district range from 150mm to 250mm which represent normal to above normal rainfall range and some parts of TA Mwenemisuku are expected rainfall range of 250mm-350mm. The threat of floods is high.

January 2025



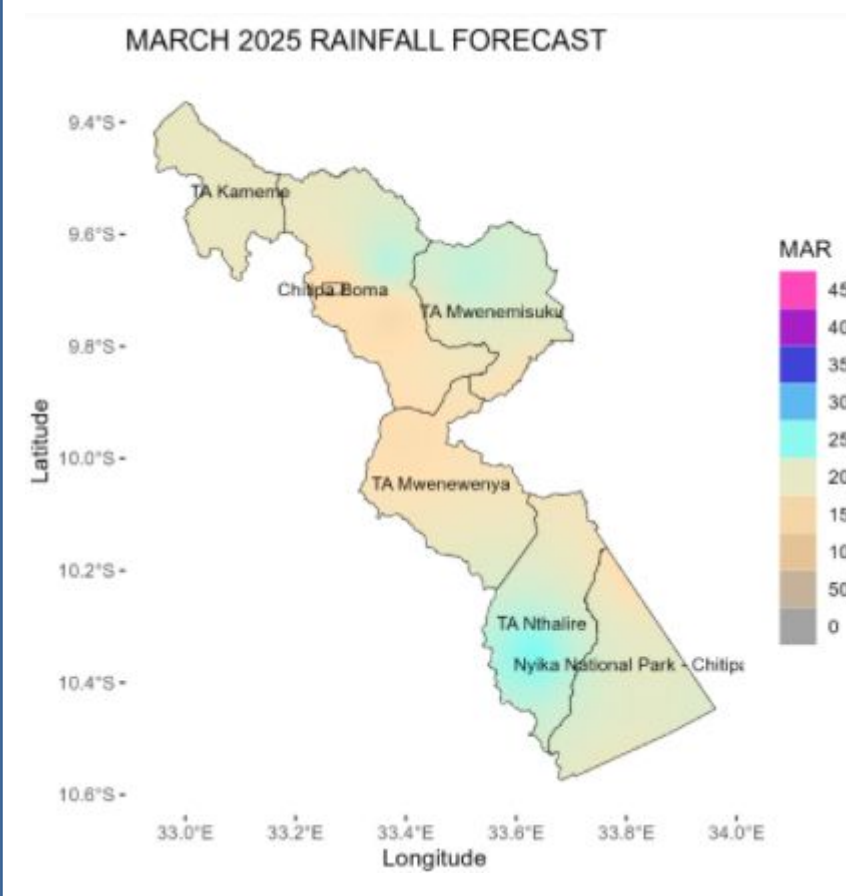
High rainfall amounts are expected to continue to be experienced during the month of January 2025 with most areas in the district receiving rainfall amounts ranging from 250mm to 350 mm. Parts of TA Nthalire and Nyika National Park – Chitipa are expected to receive rainfall range of 150mm – 200mm. These amounts represent normal to above normal rainfall. **Dry spells exceeding 8 days are unlikely.**

February 2025



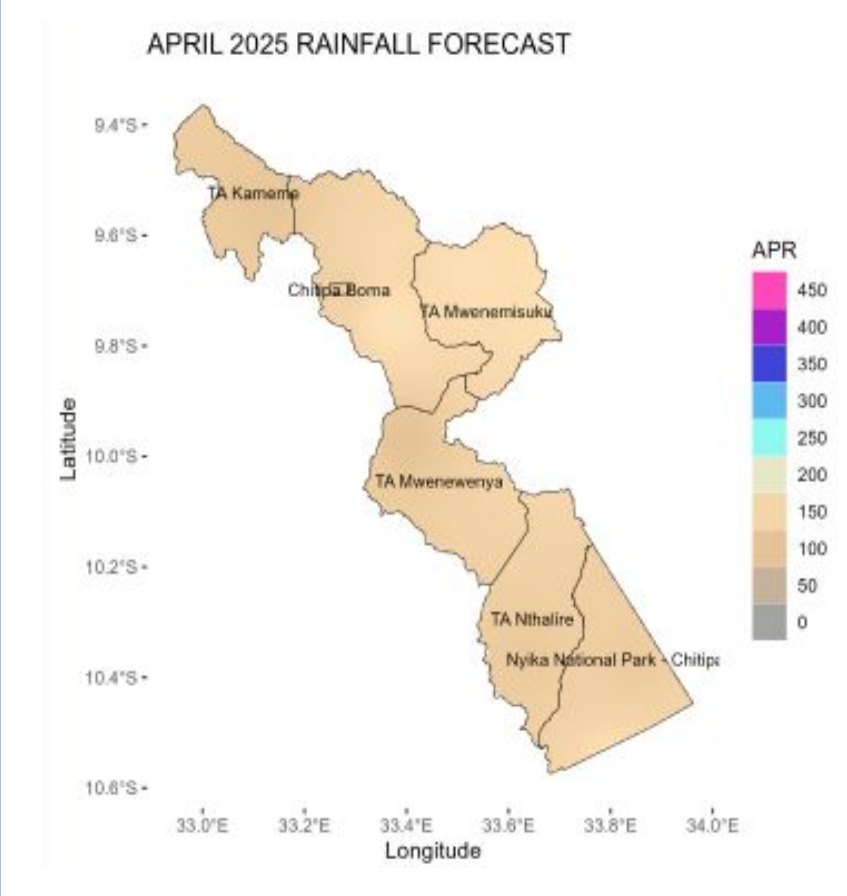
Chitipa is expected to continue to receive rainfall during the month of February. Most parts of the district are expected to receive rainfall above 150mm. Highest rainfall mounts in TA Mwenemisuku, TA Mwenewenya and some parts of Chitipa Boma are expected to exceed 200 mm. The threat of prolonged dry spells in the district during the month is minimal.

March 2025



Moderate rainfall amounts are expected to continue over Chitipa district during the month of March especially over TA Nthalire, north of TA Mwenemisuku and Chitipa Boma to about 250mm. Most areas are expected to receive rainfall range from about 150-200mm.

April 2025

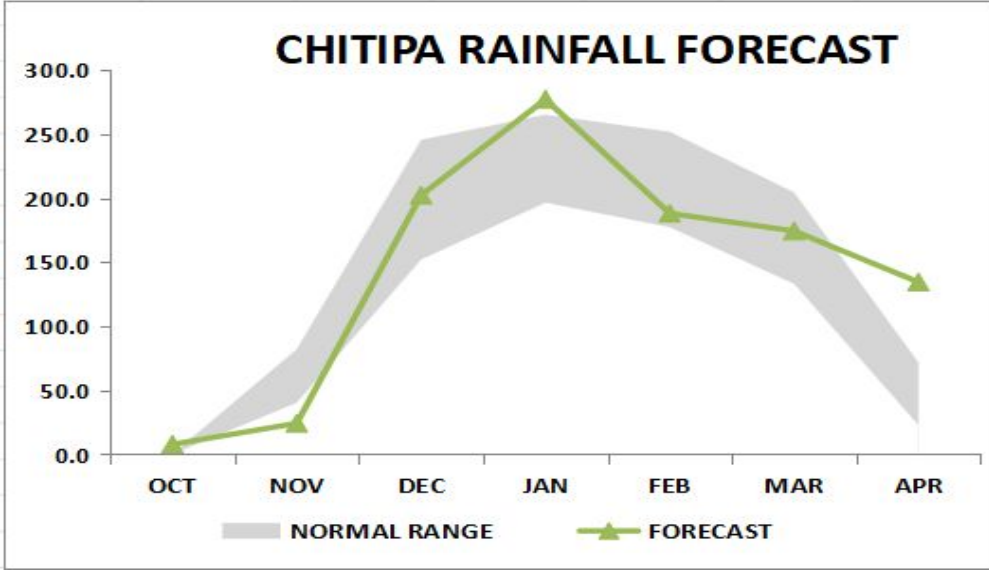


Most areas are likely to receive rainfall amounts in the range of 100mm-150mm during this month.

Cessation of seasonal rainfall is expected from the **last week of March into the second week of April 2023**.

Onset of rainfall season for Chitipa district is expected between the **last week of November and third week of December 2024**. Dry spells of **exceeding 8 days** are unlikely during January 2025. Cessation of seasonal rainfall is expected to be between the **last week of March and the second week of April**. Seasonal length for the 2024-2025 season is expected between **120 to 139 days**. The table and the figure below show monthly rainfall distribution for the season with a band of normal range in grey

CHITIPA			
MONTH	NORMAL RANGE		FORECAST
OCT	0.0	0.2	7.7
NOV	40.2	82.0	24.1
DEC	152.0	245.7	202.3
JAN	196.6	265.3	277.3
FEB	177.3	251.8	188.1
MAR	133.0	204.5	174.4
APR	22.7	71.7	134.4



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: www.metmalawi.gov.mw

Produced and printed with support from:

