

MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE



DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES

BALAKA DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

Overview of 2024/2025 Rainfall Season

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

The 2024-25 rainfall season will be wetter as compared to the previous season as the district is generally expected to receive normal to above normal rainfall amounts in some months.

14.8°S -

14.9°S -

Φ 15.0°S-

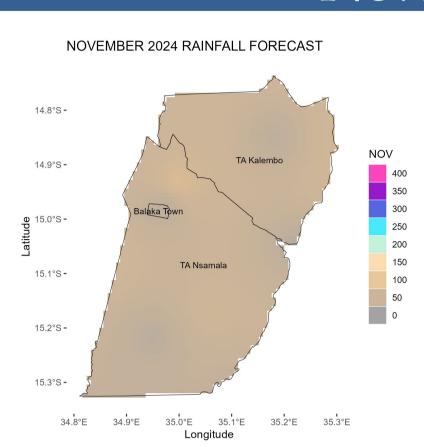
15.1°S -

15.2°S -

October 2024 OCTOBER 2024 RAINFALL FORECAST 14.8°S -14.9°S -⊕ 15.0°S-15.1°S -15.2°S -34.9°E 35.0°E 35.1°E 35.2°E 35.3°E

During the month of October most in Balaka areas expected to be dry. The expected chizimalupsya rains may not exceed 30mm. However, some areas may experience strong winds and thunderstorms.

November 2024

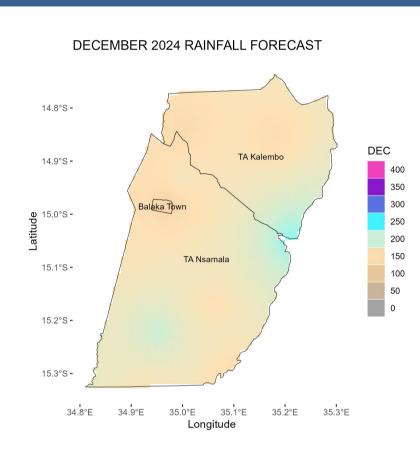


Balaka district is expected to receive less than 70mm of rainfall in November.

rains are expect to accompanied by strong winds and thunderstorms.

Rainfall onset is expected from the third week of November to the second week of December 2024.

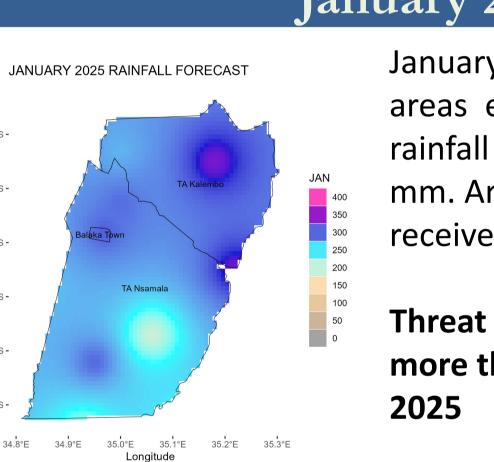




Rainfall intensity is expected to significantly pick during December as most areas in the district are expected to receive rainfall amounts exceeding 150 mm.

Late onset for some areas is expected during the last week of December.

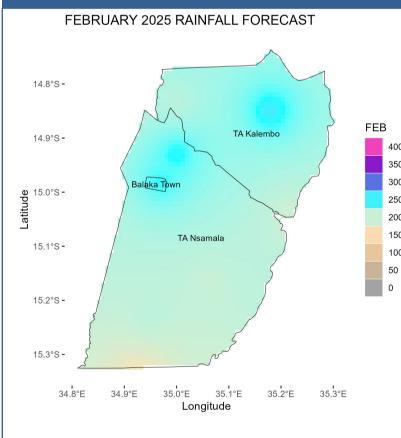
January 2025



January will be wetter with most areas expected to receive normal rainfall amounts of at least 300 mm. Areas around TA Nsamala may receive less than 200mm.

Threat of prolonged dry spells of more than 7 days is high in January

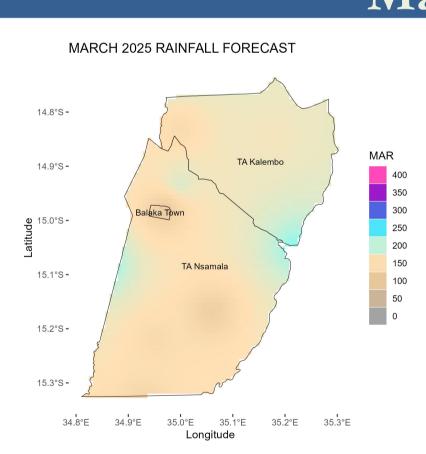
February 2025



In February, reduced amounts of rainfall are expected over most areas ranging from 150 to 200 mm. Areas around TA Kalembo and Balaka town are expected to receive more than 250mm.

Prolonged dry Spells of more than 7 days are expected in February 2025

March 2025



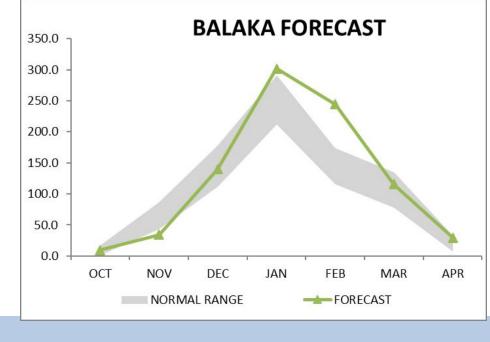
Balaka is expected to receive normal to above normal rainfall amounts during the month of March ranging from 100 to 150 mm.

Most areas may experience early cessation from third week of March.

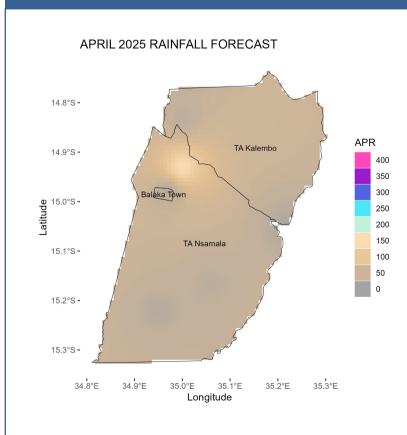
Rainfall onset is expected from the third week of November 2024 to second week of December 2024. Cessation will most likely be between second and fourth week of April 2025 but some areas can experience early onset during the third week of March. Prolonged dry spells of more than 7 days are likely in January and February 2025. Total length of the season in the district is expected to be between 110 and 130 days.

The table and graph below show monthly rainfall distribution for the 2024-2025 season with a normal band in grev and the forecast in green color.

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BALAKA			
MONTH	NORMAL	RANGE	FORECAST
OCT	1.2	16.4	9.8
NOV	42.9	86.5	34.1
DEC	112.1	178.6	140.1
JAN	212.3	291.4	302.0
FEB	115.5	174.5	244.2
MAR	78.3	134.7	115.8
APR	7.2	32.9	29.5



April 2025



As the rainfall season will be coming to an end most areas are expected to receive rainfall ranging from 50 to 100 mm.

Rainfall cessation for some areas is expected during this month 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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