



DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



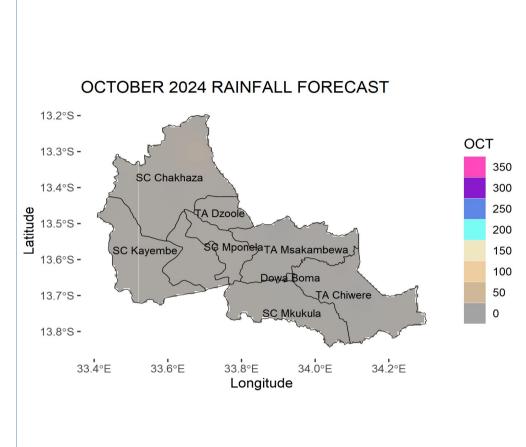
DOWA DISTRICT DOWNSCALED SEASONAL FORECAST, 2024-2025

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.

Dowa district is expected to receive generally normal total rainfall amounts during the October 2024 to April 2025 rainfall season, and will be wetter than previous season.

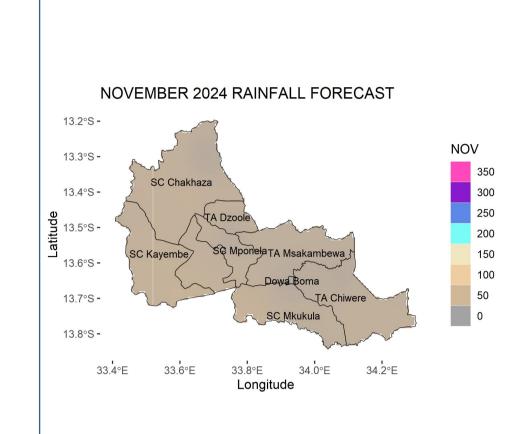
October 2024



During the month of October, most parts of Dowa district are likely to have dry conditions. However, Chizimalupsa rains are likely in few areas that will be associated with strong gusty winds and thunderstorms.

The rainfall totals of less than 50mm are expected in a few areas.

November 2024



JANUARY 2025 RAINFALL FORECAST

33.8°E

13.2°S -

13.3°S -

13.4°S -

13.6°S -

13.7°S -

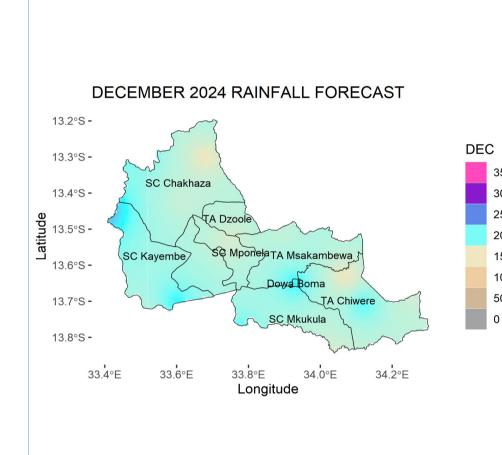
13.8°S -

p 13.5°S -

In Dowa most areas are likely to receive rainfall amounts ranging 50mm 100mm from to November.

The onset of the rain season is expected to begin from the fourth week November, and thunderstorms with strong gusty winds are anticipated during this period.

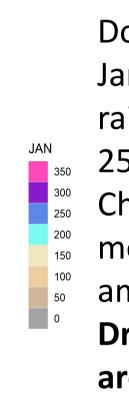
December 2024



During December, most parts of Dowa district are likely to receive 200mm rainfall. around of However, some areas to the of SC Kayembe, the north expected rainfall amounts may be more than 200mm.

The onset of the rainfall season is expected to cover the entire district by the second week of December.

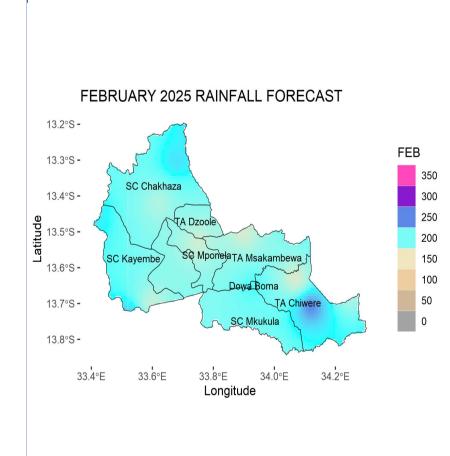
January 2025



Dowa is expected to be wet in January with most areas receiving rainfall totals between 200mm to 250mm. Central areas of TA Chiwere are expected to receive more than 300mm of rainfall amounts.

Dry spells lasting 7 days or more are likely this month especially in some areas of SC Mponela, TA Dzoole and SC Chakhaza.

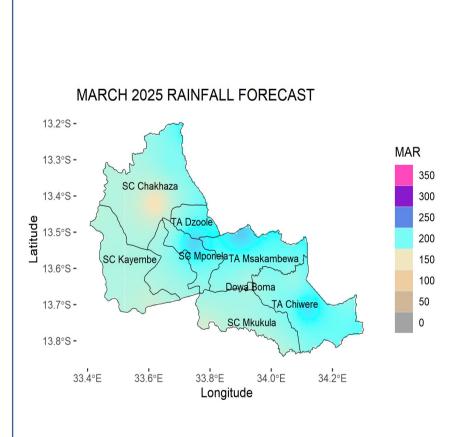
February 2025



In February, below normal rainfall is expected in some areas, with rainfall amounts ranging from 100mm to 150mm likely to the south of TA Dzoole, SC Kayembe and some parts of SC Mponela.

Rainfall amounts of about 250mm are expected in areas like central of TA Chiwere. There is a chance of dry spells of about a week or more in February.

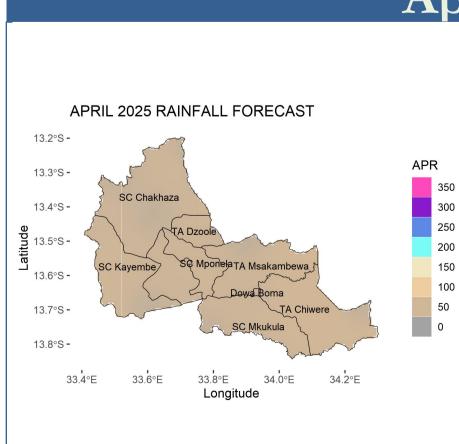
March 2025



Expect most areas of Dowa to rainfall total receive amounts from 100 to 190mm ranging during the month of March.

Most areas are likely to receive normal to above normal rainfall amounts.

April 2025

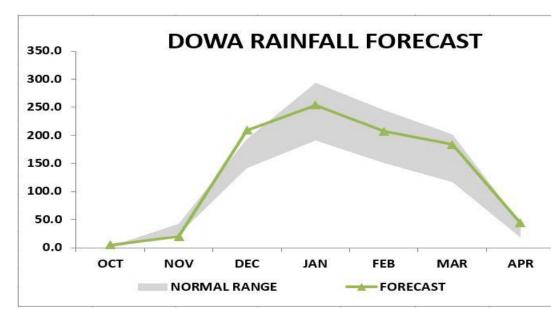


Cessation of rainfall is expected between the third week of March and the second week of April. Most areas in Dowa will receive rainfall total amounts of less than 50mm in this month.

Rainfall onset in the district is expected to be between the fourth week of November 2024 to the second week of December 2024. Cessation will be around the fourth week of March 2025 to the second week of April 2025. The length of season in the district is expected to be between 114 to 140 days. There is a possibility of dry spells of more than 7 days in January and February.

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

DOWA			
MONTH	NORMAL RANGE		FORECAST
OCT	0.0	2.6	4.8
NOV	23.7	42.8	19.6
DEC	142.0	193.9	208.8
JAN	191.0	294.0	253.7
FEB	151.0	245.2	207.1
MAR	117.2	202.1	183.4
APR	17.3	43.0	43.8



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.

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