



MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



CHIKWAWA 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 the eastern-central equatorial Pacific Ocean.

Chikwawa district is expected to receive **normal to below normal total rainfall amounts** between October and December 2024 while **normal to above-normal** monthly rainfall amounts from January to April 2025.

### October 2024

OCTOBER 2024 RAINFALL FORECAST.

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

These rains might be accompanied by lightning and gusty winds.

### November 2024

NOVEMBER 2024 RAINFALL FORECAST.

Normal to below-normal rainfall amounts are predicted for the month of November.

Effective rains are expected from the **last week of November into December**.

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

### December 2024

DECEMBER 2024 RAINFALL FORECAST.

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

This is normal to above-normal amounts for the majority of areas in the district. However, some parts of TA Ngabu, Lengwe National Park, TA Lundu, TA Makwira and Chikwawa Boma may receive normal to below-normal rainfall amounts.

### January 2025

JANUARY 2025 RAINFALL FORECAST.

Rainfall amounts ranging from 250mm to 300mm are anticipated over Chikwawa during January 2025. This is above normal in TA Ngabu, majority of areas in TA Lundu, Lengwe National Park, Chapananga and normal to above normal scenario for the majority of TA Makhuwira, Chikwawa Boma and Majete Game Reserve. Flood threat is high during this month.

### February 2025

FEBRUARY 2025 RAINFALL FORECAST.

Rainfall amounts ranging from 150mm to 200mm are anticipated over Chikwawa 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

MARCH 2025 RAINFALL FORECAST.

Rainfall amounts ranging from 150mm to 200mm are expected in majority of southern and eastern areas of the district with amounts ranging from 100mm to 150mm in the northern, central and western areas of the district. The anticipated amounts are within the above normal category with extreme north being normal to above normal scenario.

### April 2025

APRIL 2025 RAINFALL FORECAST.

Rainfall amounts in the range of 50mm to 100mm are anticipated in the district in the month of April 2025.

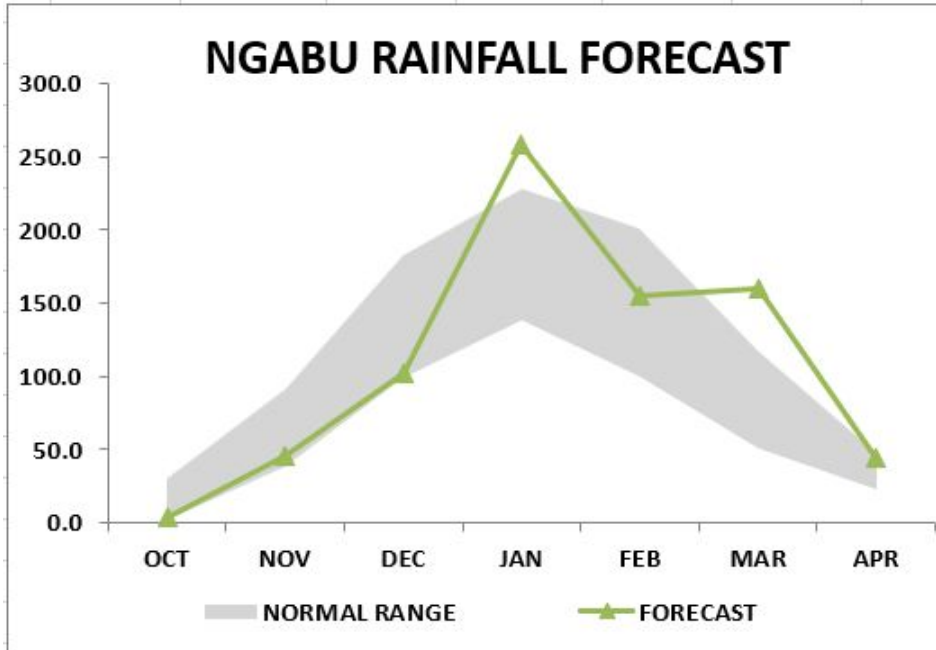
These amounts are generally in the normal to above normal category for the district.

Cessation is expected from **first week of this month**.

Rainfall **onset** is anticipated between **last week of November and first week of December 2024**. **Cessation** is expected between the from **first week of April 2025**, making the seasonal length between **100 and 120 days**. A dry spell of **more than seven days is possible in January and February 2025**.

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

NGABU			
MONTH	NORMAL RANGE		FORECAST
OCT	1.8	30.4	3.2
NOV	38.4	92.2	44.9
DEC	99.5	182.8	102.5
JAN	138.4	227.6	257.7
FEB	99.9	200.4	154.9
MAR	51.2	117.2	159.7
APR	22.2	47.5	44.0



The forecast will be updated in December 2024

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