



# MINISTRY OF FORESTRY AND NATURAL RESOURCES

## DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



### BLANTYRE DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022

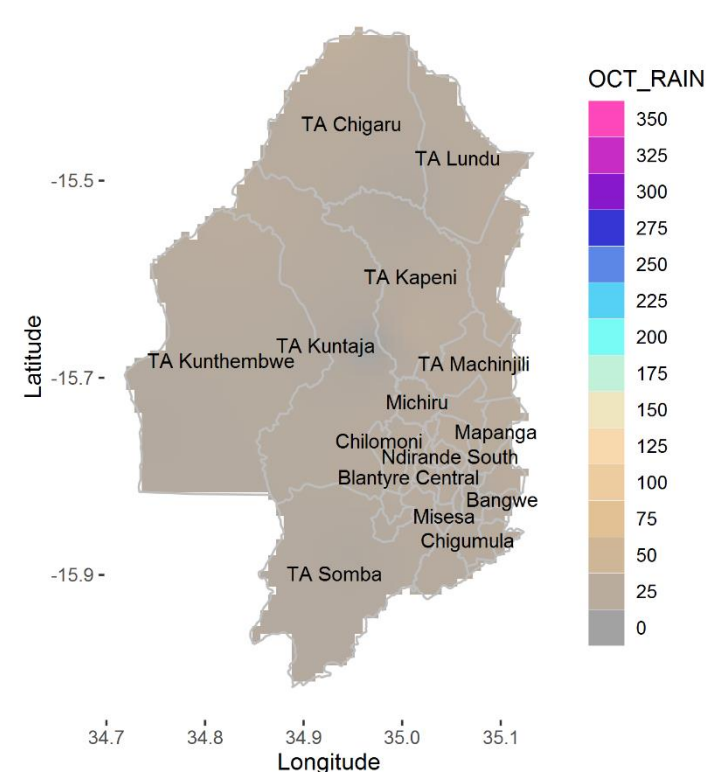
#### Overview of 2021/2022 Rainfall Season

The 2021-2022 rainfall season is expected to be influenced by weak La Nina in Malawi. La Nina is the unusual cooling of ocean waters over eastern-central equatorial Pacific Ocean.

Blantyre is expected to receive **normal to above-normal total rainfall amounts** during the rainfall season from October 2021 to April 2022.

#### October 2021

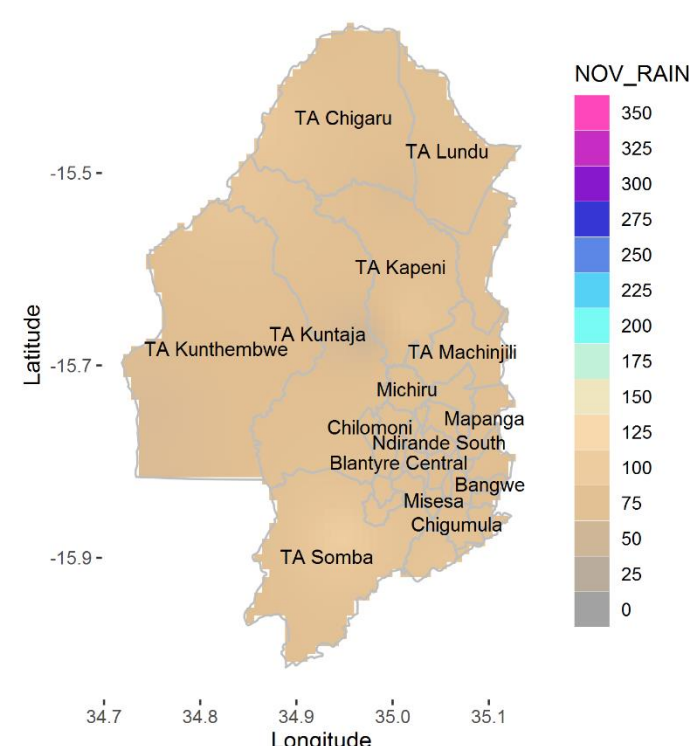
OCTOBER 2021 RAINFALL FORECAST



During the month of October, most areas of Blantyre will be generally dry. However, *Chizimalupysa* rains are expected with most areas likely to receive rains less than 25mm. Strong winds and lightning as a result of thunderstorms due intense heating should be anticipated.

#### November 2021

NOVEMBER 2021 RAINFALL FORECAST



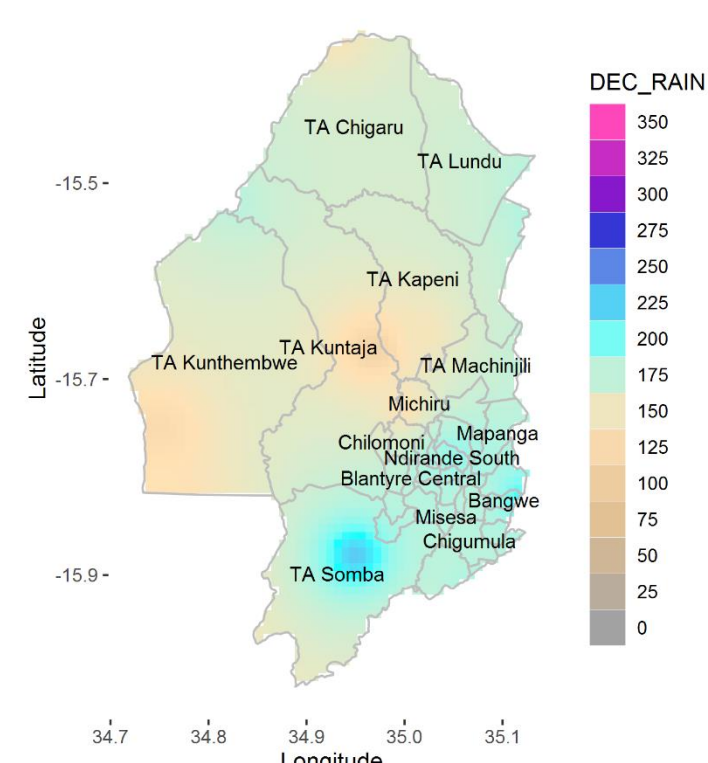
In November, most areas in Blantyre are likely to get rainfall up to around 150mm.

Expected rainfall amounts are within the normal to above normal rainfall amounts.

Onset of the season is expected from the third week of this month.

#### December 2021

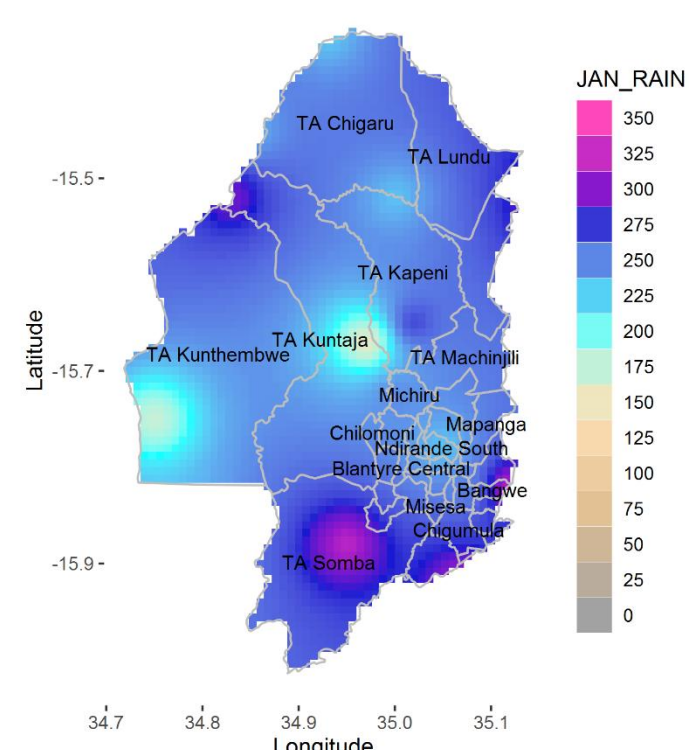
DECEMBER 2021 RAINFALL FORECAST



Rainfall amounts ranging from 175mm to 200mm are expected over most areas. Blantyre central and parts of TA Somba are expected to be the wettest. However, some areas like central areas of TA Kuntaja, southern areas of TA Kunthembwe, parts of TA Kapeni and northern areas of TA Chigaru may receive reduced rainfall amounts in the ranges of 100mm to 150mm.

#### January 2022

JANUARY 2022 RAINFALL FORECAST

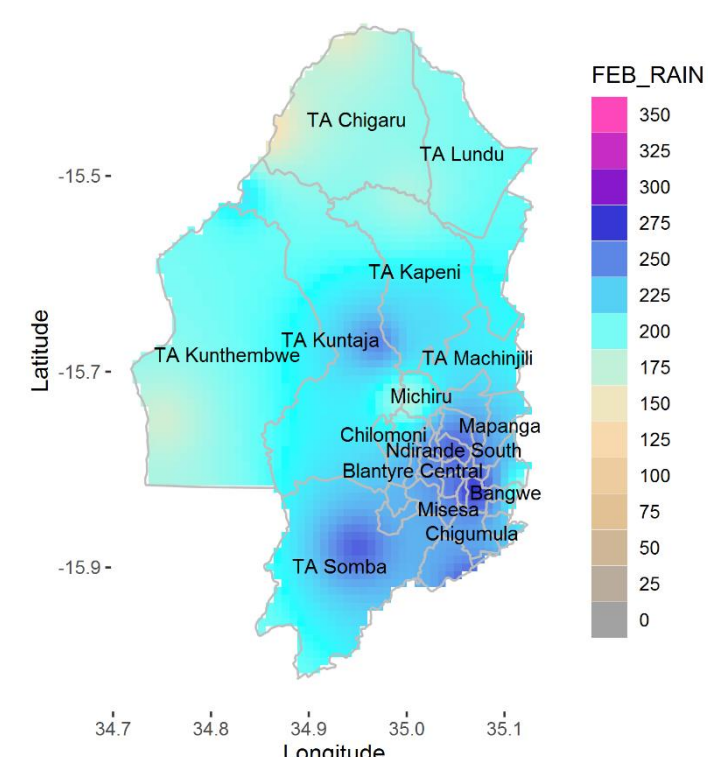


January is expected to be the wettest month. Most areas are expected to receive rainfall amounts between 200mm and 275mm. Southern areas of TA Somba are expected to receive rainfall amounts of around 350mm.

Pockets of dry spells' occurrences are expected.

#### February 2022

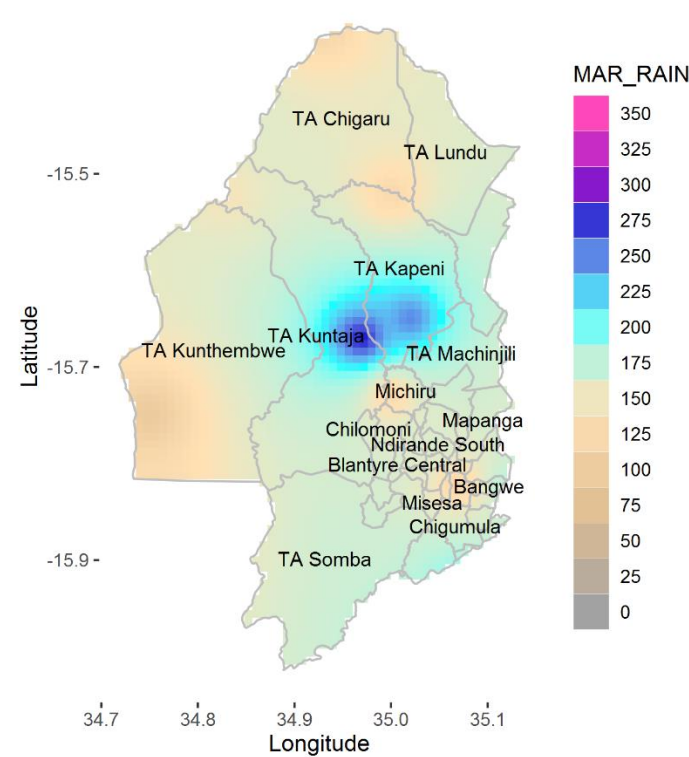
FEBRUARY 2022 RAINFALL FORECAST



Rainfall amounts of around 200mm are expected over most areas of Blantyre during the month of February. Highest rainfall amounts of around 275mm are expected around Chigumula, parts of TA Kuntaja, parts of TA Somba, Blantyre central and Bangwe.

#### March 2022

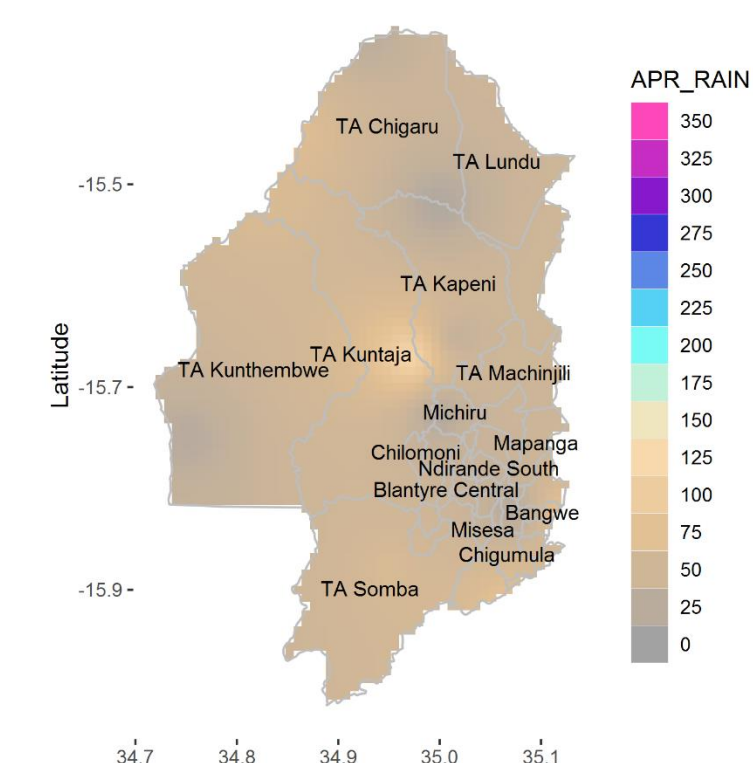
MARCH 2022 RAINFALL FORECAST



Majority of the areas in the district are expected to receive rainfall amounts ranging from 125mm to 175mm. Parts of TA Kapeni and TA Kuntaja are expected to be wettest with rainfall amounts of up to 275mm anticipated. These anticipated rainfall amounts are within the normal to above normal rainfall amounts for the district during this month of March. The cessation of rainy season is expected from the last week of this month.

#### April 2022

APRIL 2022 RAINFALL FORECAST



The rainfall cessation is expected in the month of April.

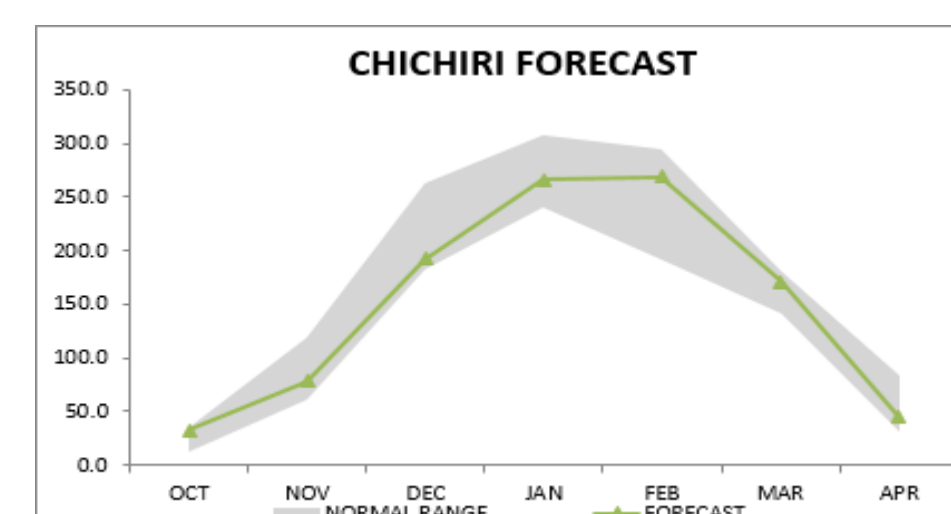
Most areas of the district are expected to receive rainfall amounts of less than 100mm.

However, central areas of TA Kuntaja are expected to receive rainfall amounts of around 125mm.

Rainfall onset in Blantyre is expected from **third week of November 2021**. Rainfall cessation is expected between **last week of March 2022** and **first week of April 2022**.

The **seasonal length** in the district is expected to be between **125 to 135 days**. **Dry spells** of up to ten (10) days are expected in **January**. The table and figure below show monthly rainfall distribution for the season with a normal band in grey.

CHICHIRI			
MONTH	NORMAL RANGE	FORECAST	
OCT	13.1	35.1	32.8
NOV	61.3	119.9	78.3
DEC	182.7	263.7	192.4
JAN	239.7	307.3	266.4
FEB	192.1	295.5	269.1
MAR	141.9	180.9	171.3
APR	31.5	84.4	44.4



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