



MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE



BLANTYRE DISTRICT DOWNSCALED SEASONAL FORECAST, 2022-2023

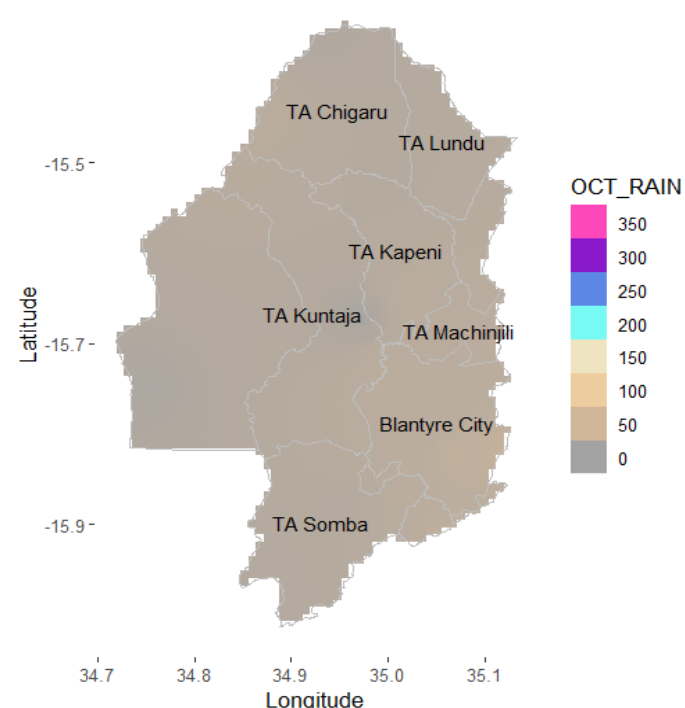
Overview of 2022/2023 Rainfall Season

The 2022-2023 rainfall season is expected to be influenced by La Niña in Malawi. La Niña is the unusual cooling of ocean waters over eastern-central equatorial Pacific Ocean.

Blantyre is expected to receive **normal total rainfall amounts** during the rainfall season from October 2022 to April 2023.

October 2022

OCTOBER 2022 RAINFALL FORECAST

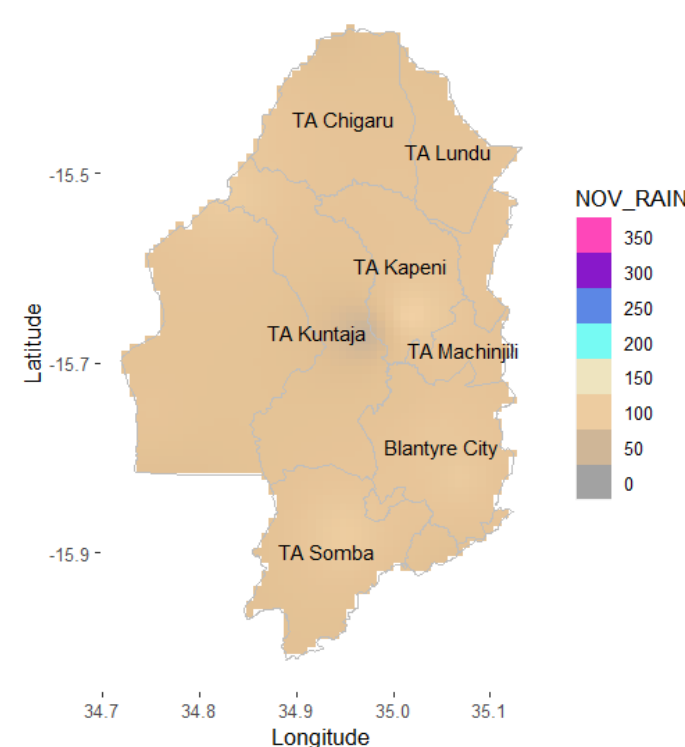


Most areas of Blantyre will be generally dry in the month of October. However, *Chizimalupysa* rains are expected with most areas likely to receive rains less than 50mm.

Strong winds and lightning as a result of thunderstorms due to intense heating should

November 2022

NOVEMBER 2022 RAINFALL FORECAST



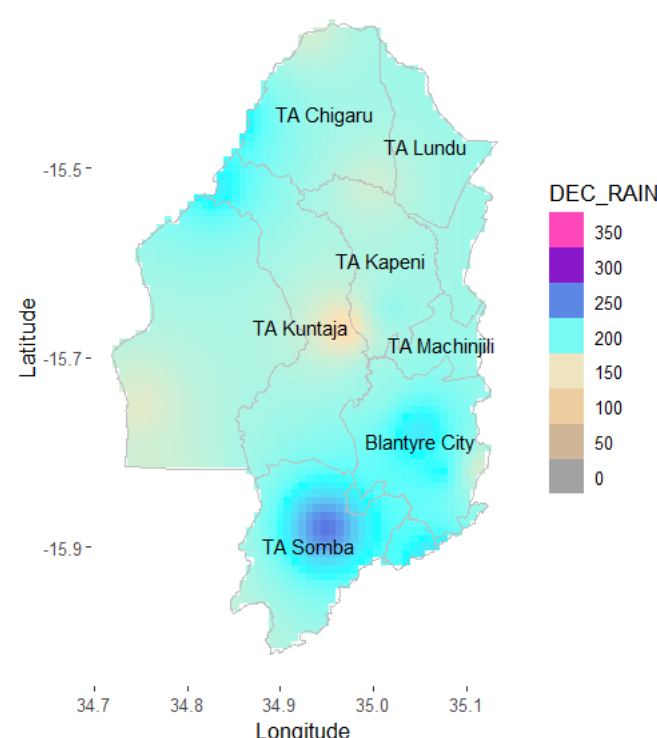
During November, most areas in Blantyre are likely to get rainfall up to around 100mm.

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

Onset of the season is

December 2022

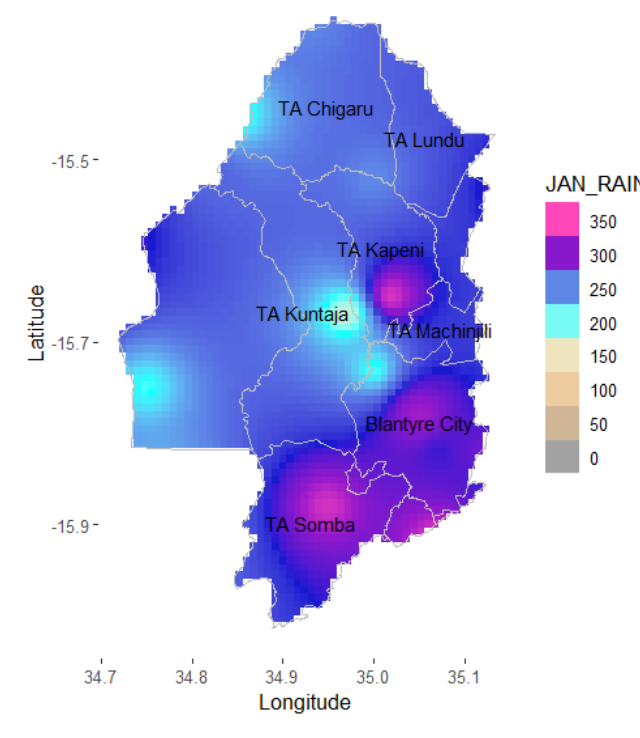
DECEMBER 2022 RAINFALL FORECAST



In December, Blantyre is expected to receive rainfall amounts ranging from 175mm to 200mm over most areas. TA Somba are expected to be the wettest. However, some areas like central areas of TA Kuntaja, southern areas of TA Kunthembwe may receive reduced rainfall amounts in the ranges of 100mm to

January 2023

JANUARY 2023 RAINFALL FORECAST

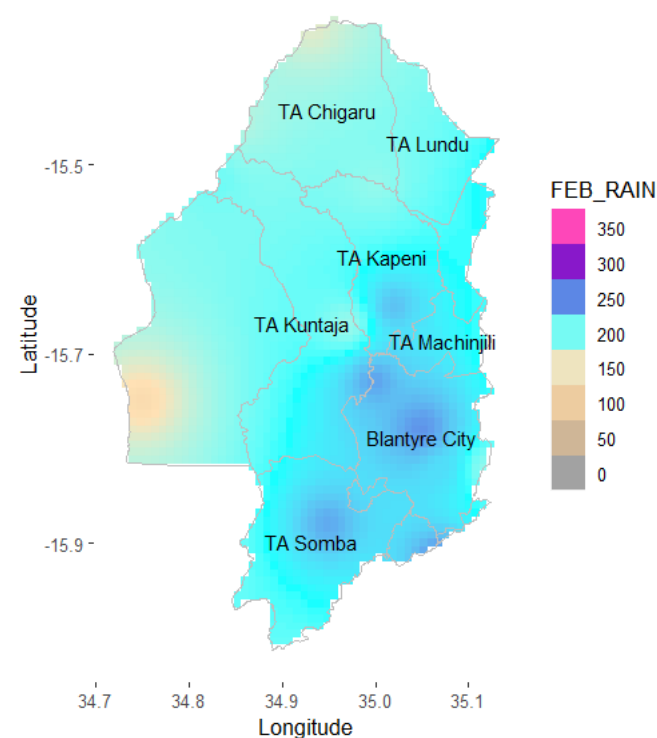


The month of January is expected to be the wettest month, with most areas expected to receive rainfall amounts between 200mm and 300mm. Southern areas of TA Somba, Blantyre city and TA Kapeni are expected to receive rainfall amounts of around 350mm.

Pockets of dry spells'

February 2023

FEBRUARY 2023 RAINFALL FORECAST

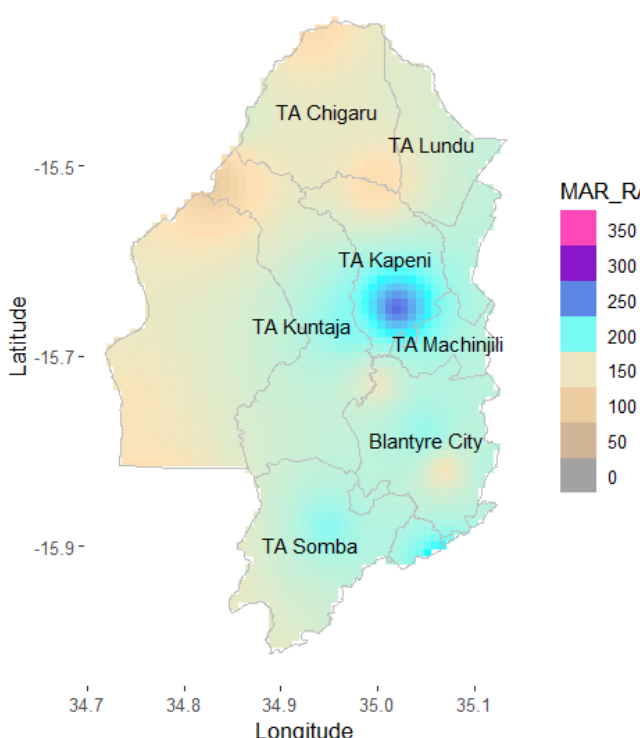


Majority of areas in the district are expected to receive rainfall amounts of around 200mm in Blantyre during the month of February.

Highest rainfall amounts of around 250mm are expected around parts of Blantyre city.

March 2023

MARCH 2023 RAINFALL FORECAST



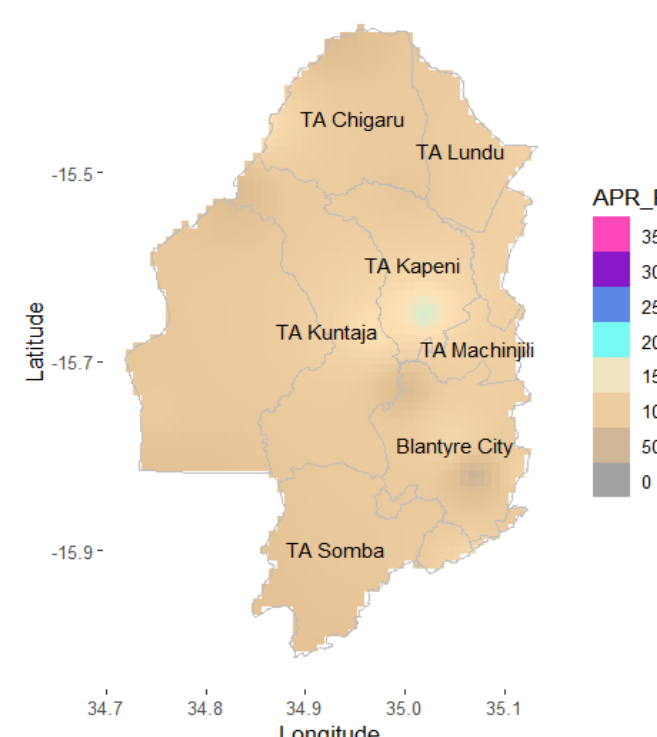
Rainfall amounts ranging from 150mm to 200mm is expected over most areas in this month. Parts of TA Kapeni are expected to be wettest with rainfall amounts of up to 250mm anticipated.

These expected amounts are within the normal to above normal rainfall amounts for the district during this month of March.

The cessation of rainy season is

April 2022

APRIL 2023 RAINFALL FORECAST



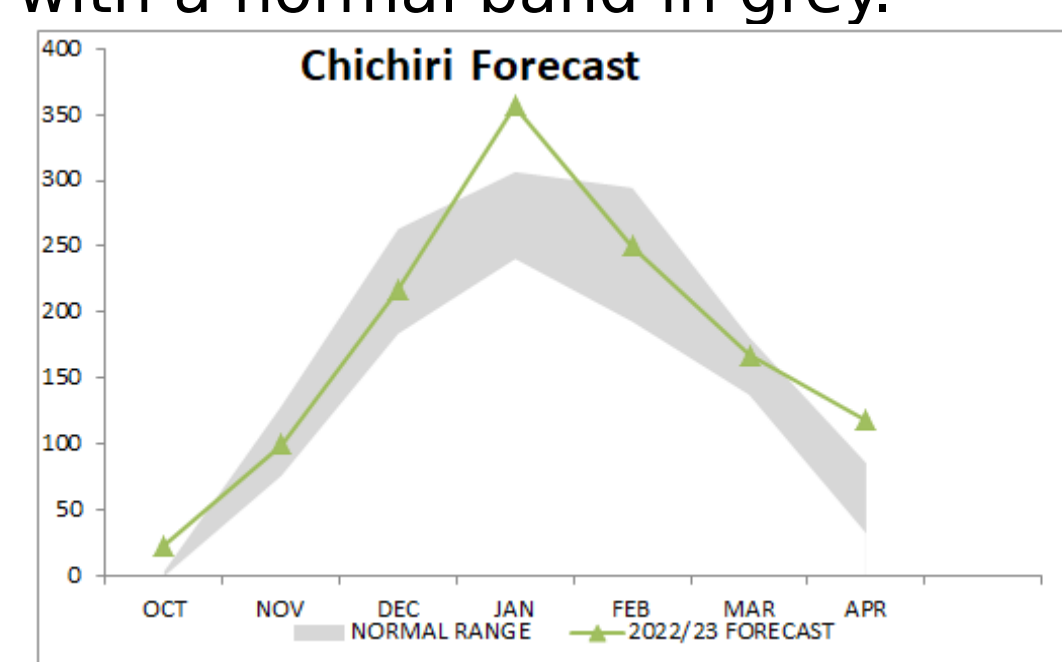
The rainfall cessation is expected in the month of April.

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

However, central areas of TA Kapeni are expected to receive rainfall amounts of around 125 to 200mm.

Rainfall onset in Blantyre is expected from **third to fourth week of November** 2022. Rainfall cessation is expected between **first week and second week of April** 2022. The **seasonal length** in the district is expected to be between **120 to 140 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 | 2022/23 FORECAST |
| OCT | 0 | 3,656 |
| NOV | 75.999 | 128.826 |
| DEC | 183.959 | 263.363 |
| JAN | 240.637 | 306.557 |
| FEB | 193.079 | 294.603 |
| MAR | 137.505 | 181.288 |
| APR | 32.328 | 85.592 |



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