



MINISTRY OF FORESTRY AND NATURAL RESOURCES
DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES
MZIMBA DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022



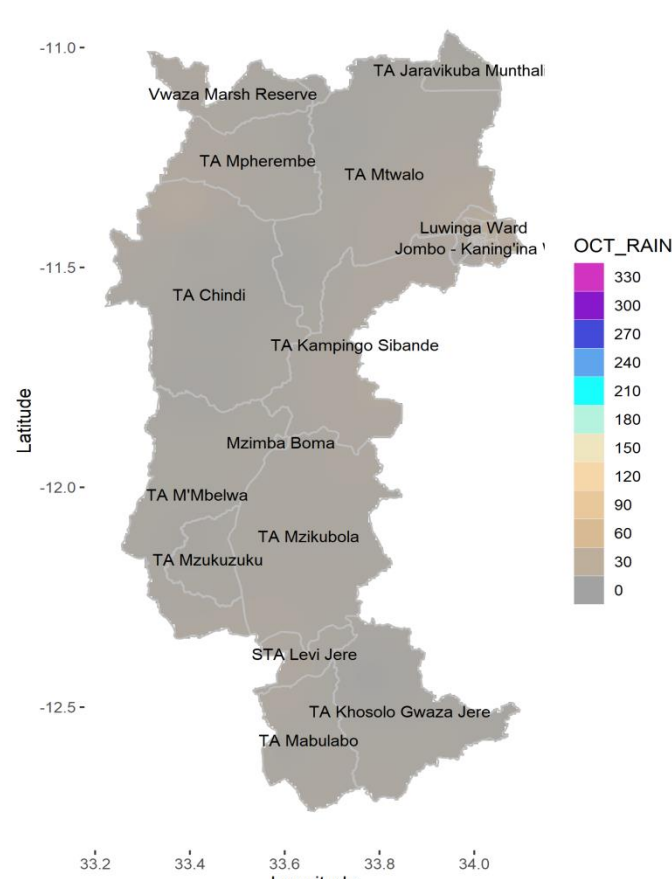
Overview of 2021/2022 Rainfall Season

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.

Mzimba is expected to receive **normal total rainfall amounts** , with **pockets of below-normal rainfall amounts** in some areas during the rainfall season from October 2021 to April 2022.

October 2021

OCTOBER 2021 RAINFALL FORECAST

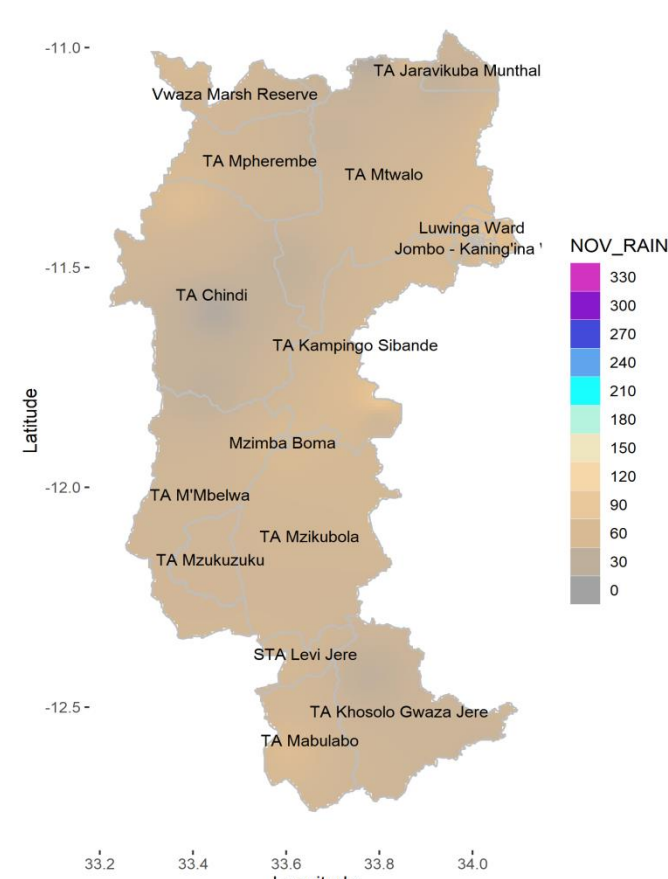


In October, Mzimba is expected to be generally dry with rainfall amounts of less than 25mm expected in the district.

Hazardous wind gusts and occasional severe-storms are more likely to occur.

November 2021

NOVEMBER 2021 RAINFALL FORECAST

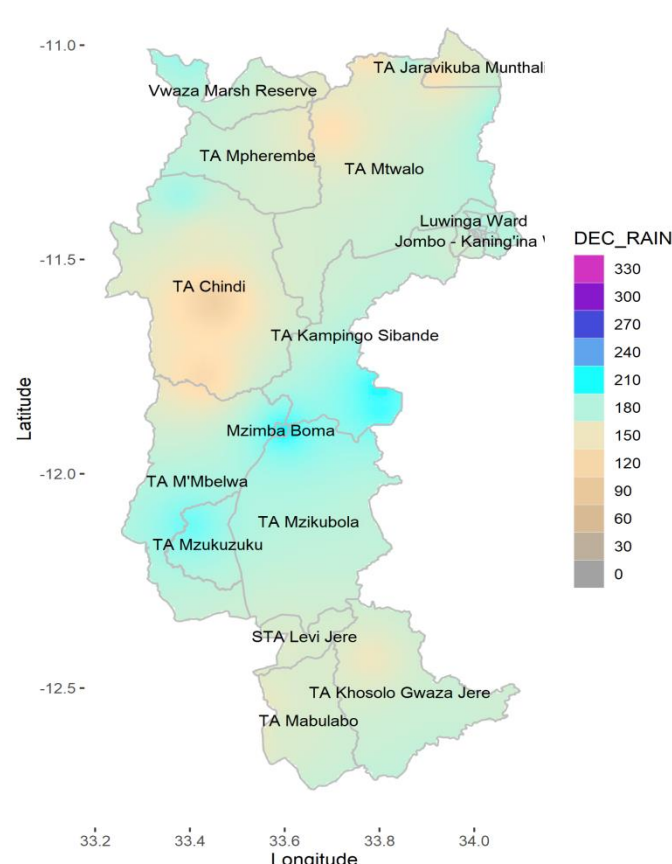


Normal monthly rainfall amounts ranging from 50mm to 110mm are expected over most areas. Lesser rains may be experienced in parts of TA Chindi.

Severe-storms and thundery activities associated with onset are more likely.

December 2021

DECEMBER 2021 RAINFALL FORECAST

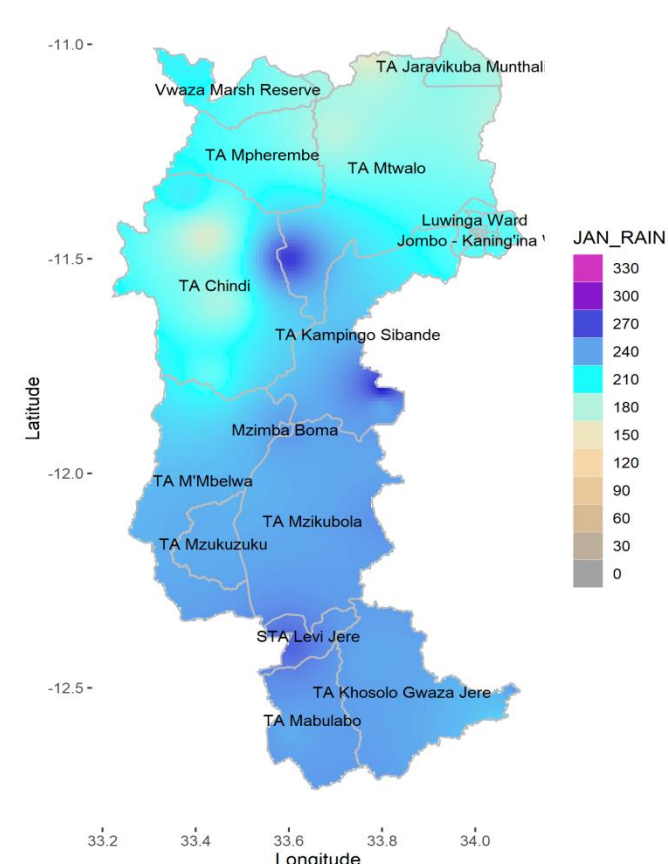


Most areas are likely to receive normal to above-normal rainfall amounts in this December. Planting rains will be expected within the last 2 weeks of November and first week of December.

Reduced rainfall amounts over TAs Chindi and Mtwalo are forecasted.

January 2022

JANUARY 2022 RAINFALL FORECAST

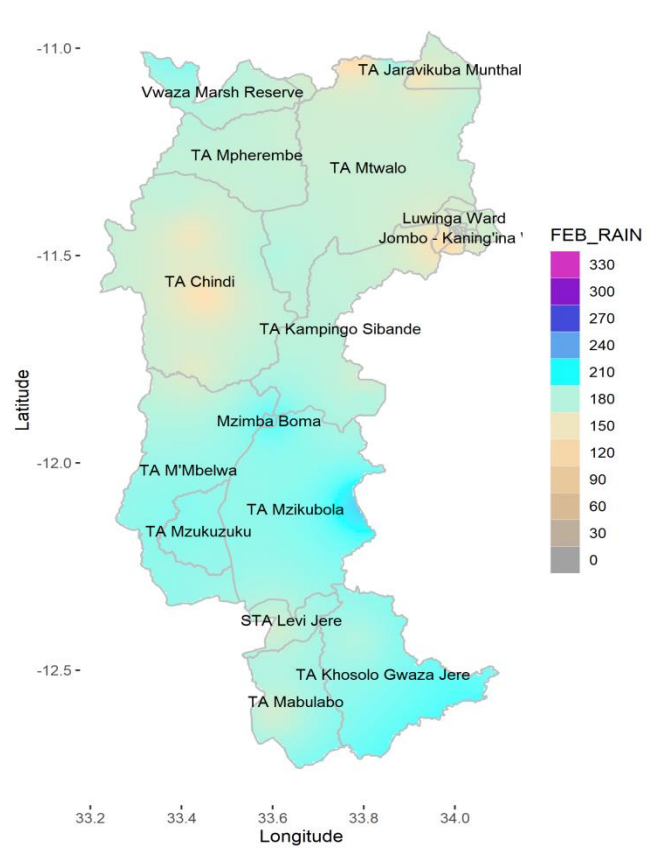


Rains in excess of monthly total of 240mm are expected in January.

North of Mzimba may receive lesser rains, an indicator of dry spells occurrence in the month in areas under TAs Chindi, Mtwalo and Jaravikuba Munthali.

February 2022

FEBRUARY 2022 RAINFALL FORECAST

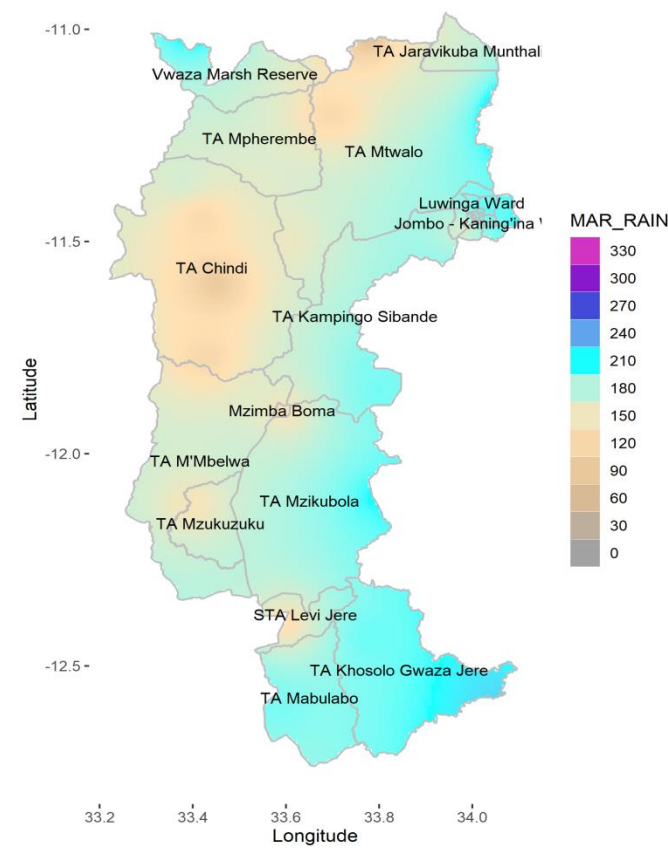


North of Mzimba is likely to experience dry spells while the south under TAs M'Mbelwa, Mzukuzuku and others will be wet, with rainfall totals around 200mm.

Resumption of rains after dry spells will be accompanied by severe-storms.

March 2022

MARCH 2022 RAINFALL FORECAST

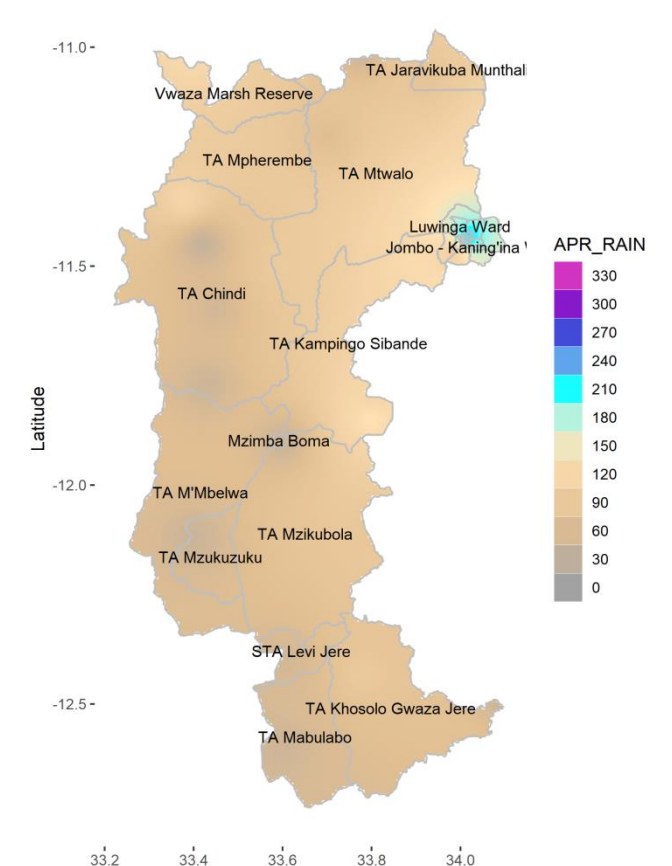


Wet conditions are expected with rainfall above 200mm over east and extreme south end of Mzimba.

Western areas under TA Chindi, Mzukuzuku, Mpherembe and Mtwalo have high chance of lesser rains.

April 2022

APRIL 2022 RAINFALL FORECAST

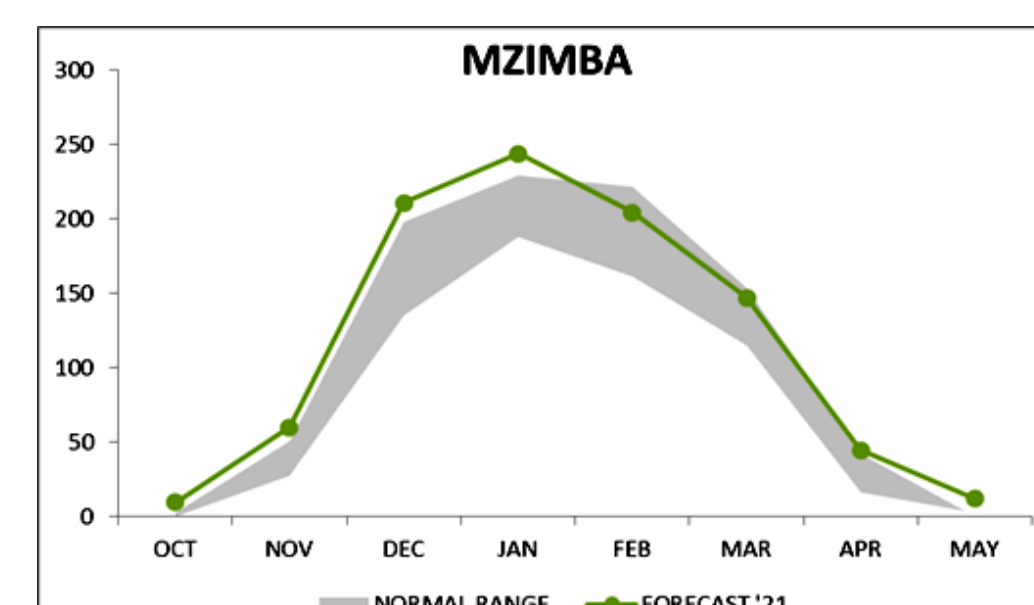


During April, the district is expected to receive rainfall amounts between 50-120mm. More rains are forecasted for Mzuzu city and eastern areas of the district.

Cessation will be in April for most parts of Mzimba

Onset in Mzimba is likely to be early by about a week, which is within the last 2 weeks of November to 1st week of December. Cessation is more likely from the second week of April. Seasonal length for 2021/2022 in Mzimba is expected to vary between 125-145 days. There is likelihood of dry spells in January and February. The table and figure below shows monthly rainfall distribution for the season with a normal band in grey

MZIMBA		
MONTH	NORMAL RANGE	FORECAST
OCT	0.0	2.5
NOV	27.4	50.7
DEC	135.1	198.1
JAN	187.9	229.3
FEB	161.3	221.7
MAR	114.9	153.6
APR	16.1	42.1
MAY	2.5	0.0



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