



MINISTRY OF FORESTRY AND NATURAL RESOURCES

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



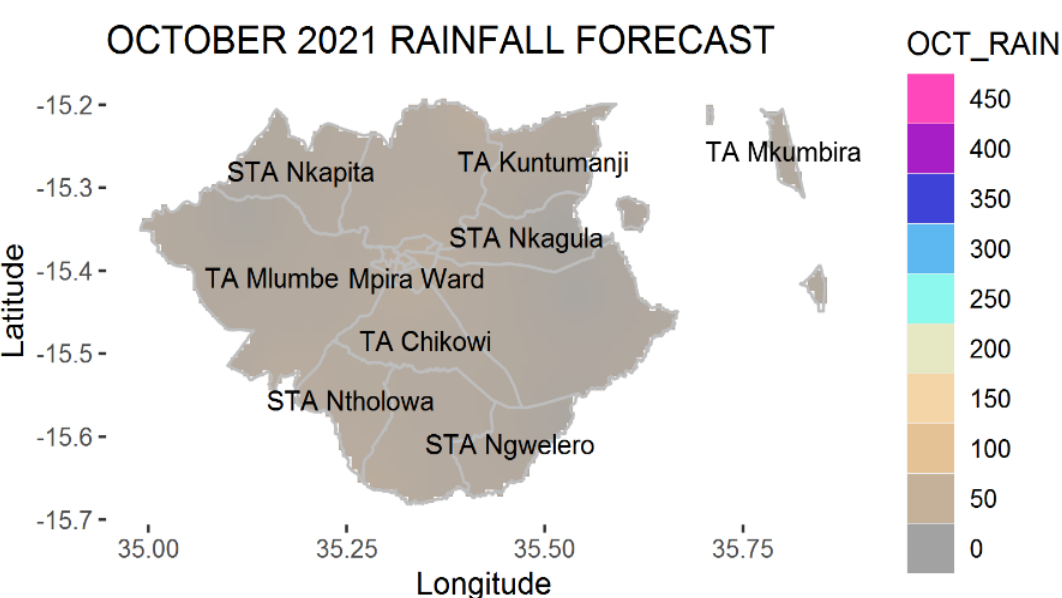
ZOMBA DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022

OVERVIEW OF 2021/2022 RAINFALL SEASON

The 2021-2022 rainfall season for Malawi is expected to be influenced by weak La Nina conditions which will later evolve to Neutral ENSO in early 2022. La Nina is the unusual cooling of ocean waters over eastern-central equatorial Pacific Ocean.

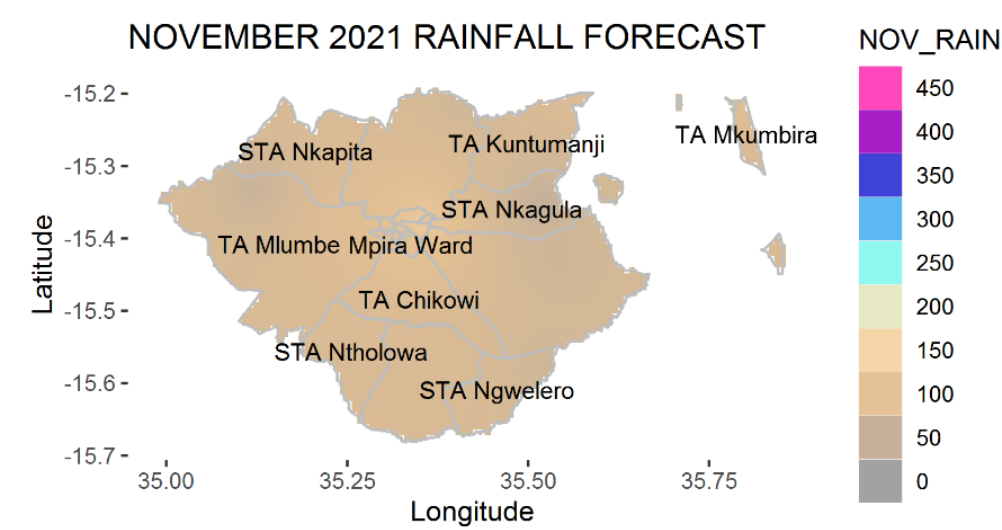
Zomba District is expected to receive normal to above-normal total rainfall amounts during the rainfall season from October 2021 to April 2022.

October 2021



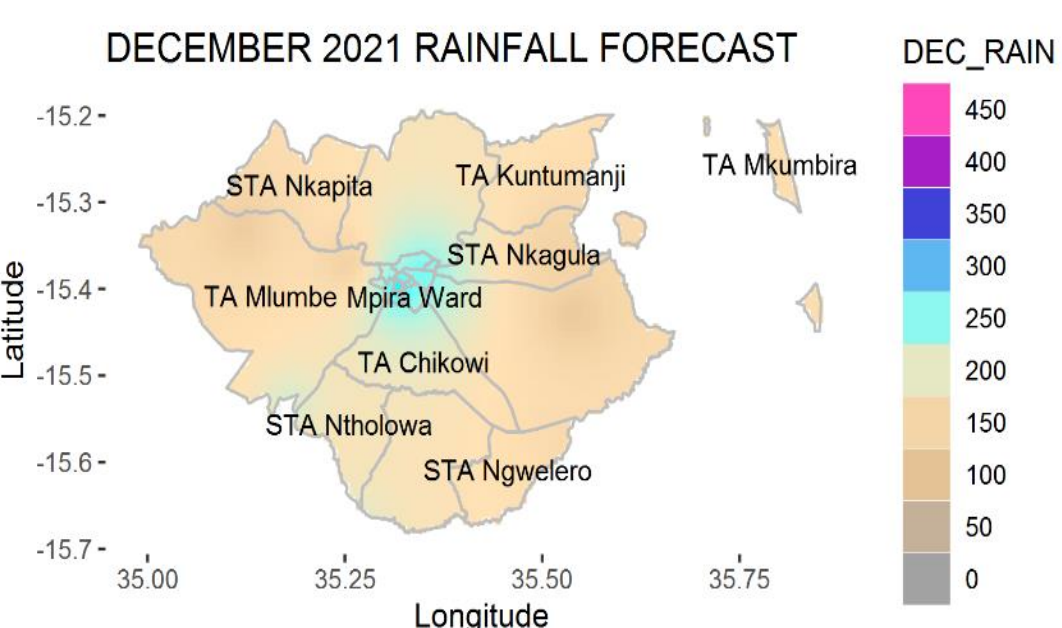
The month of October is expected to be generally dry with rainfall below 50mm. Winds accompanying the rains are expected to be gusty during this month

November 2021



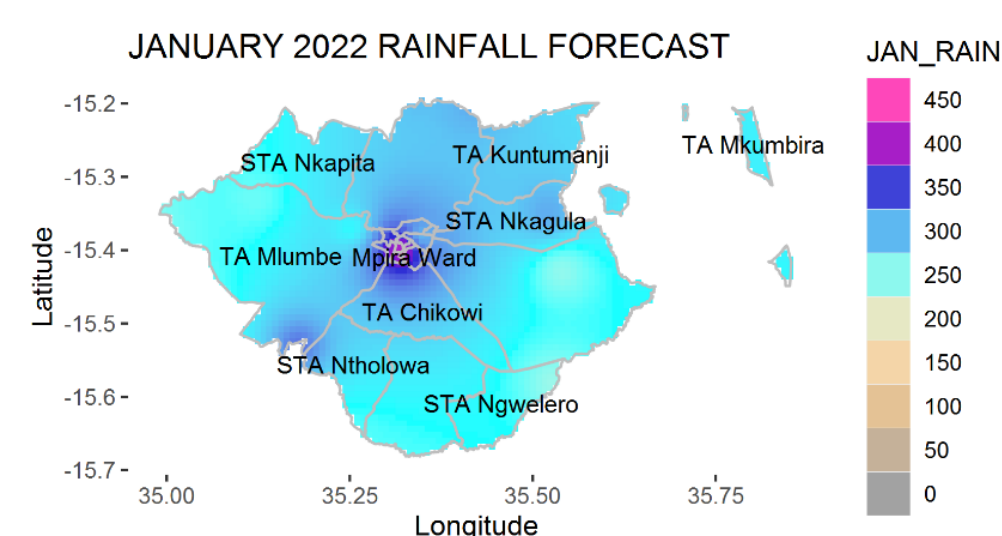
Rainfall between 50 and 100mm expected in the month of November. Most places are expected to experience onset toward the end of November. Expect rains to be accompanied by strong winds and lightning during the month.

December 2021



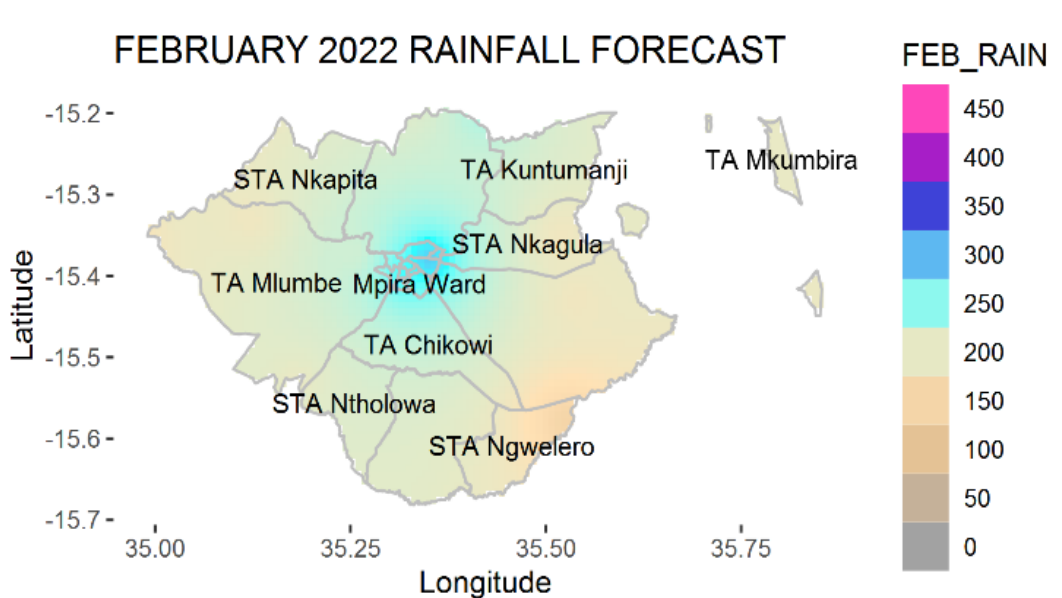
During the month of December, areas around Mpira Ward are expected to receive more rains than other parts of the district which are expected to receive rainfall between 100 and 150mm. Below average rainfall is expected across the districts. Some places will experience onset during the first week of this month

January 2022



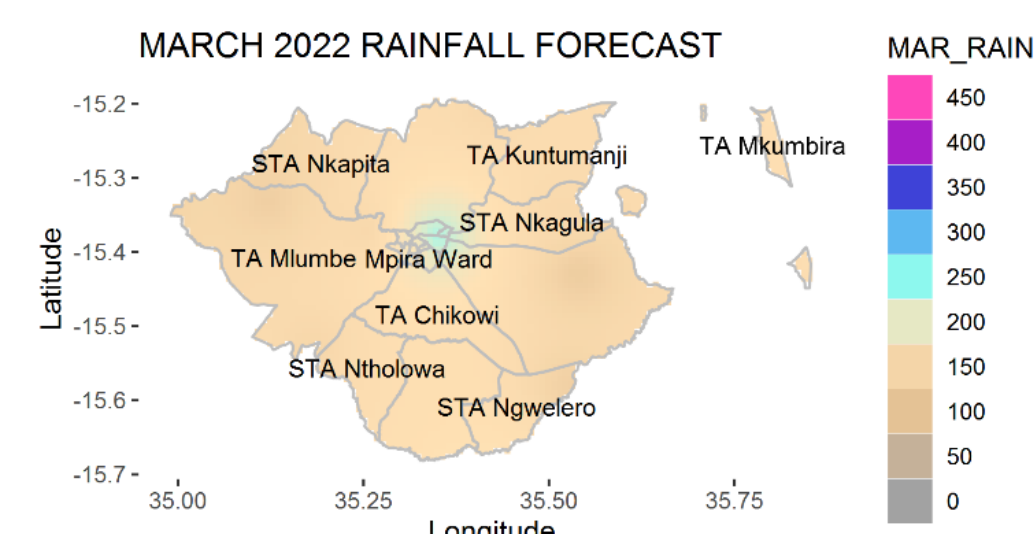
Rainfall is expected to pick during this month reaching up to 350mm in some places while ranging between 200 to 250mm in most places across the district. There is low likelihood of experiencing dry spells of more than two weeks

February 2022



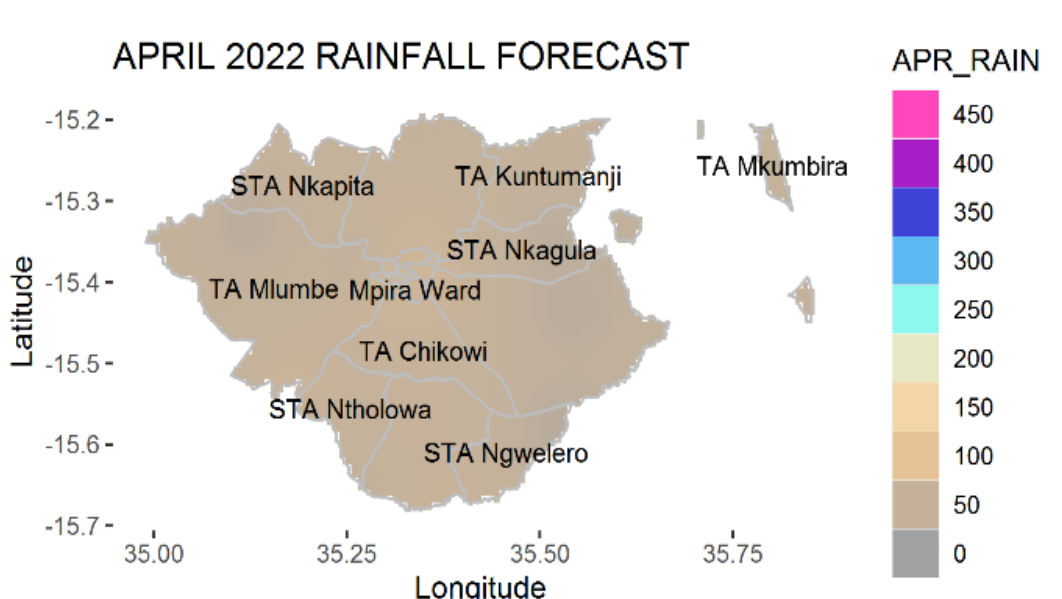
In February, most areas are expected to receive rainfall between 200 to 250mm with areas around mpira ward receiving even more rains than the rest of the district. The likelihood of experiencing dry spells of more than two weeks is low

March 2022



Rainfall below 150mm expected during the month of March in most areas across the district. Nevertheless areas around Mpira ward are expected to receive more rainfall ranging between 200 to 250 m.

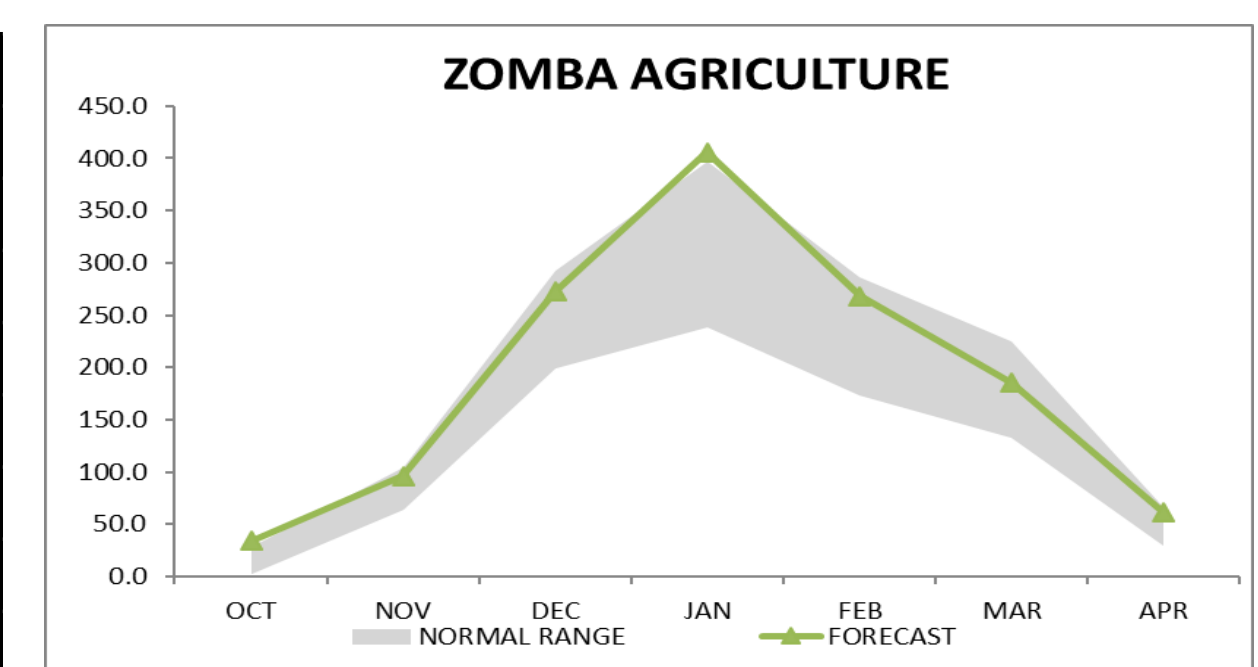
April 2022



Marking the end of the rainfall season, most areas are expected to receive rainfall below 50mm in the month of April .

Onset on rainfall in Zomba is expected from the last week of November to the first week of December 2021. There is a chance of dry spells occurring during the season in January and February with low likelihood of extending to two weeks. Rainfall cessation is expected during the first two weeks of the month of April. The 2021/2022 rainfall season is expected to last 120 to 140 days.

ZOMBA AGRICULTURE		
MONTH	NORMAL RANGE	FORECAST
OCT	2.3	27.6
NOV	64.1	104.8
DEC	198.6	272.61
JAN	238.6	405.8
FEB	173.5	268.01
MAR	132.0	185.46
APR	29.6	60.88



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