



MINISTRY OF FORESTRY AND NATURAL RESOURCES

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



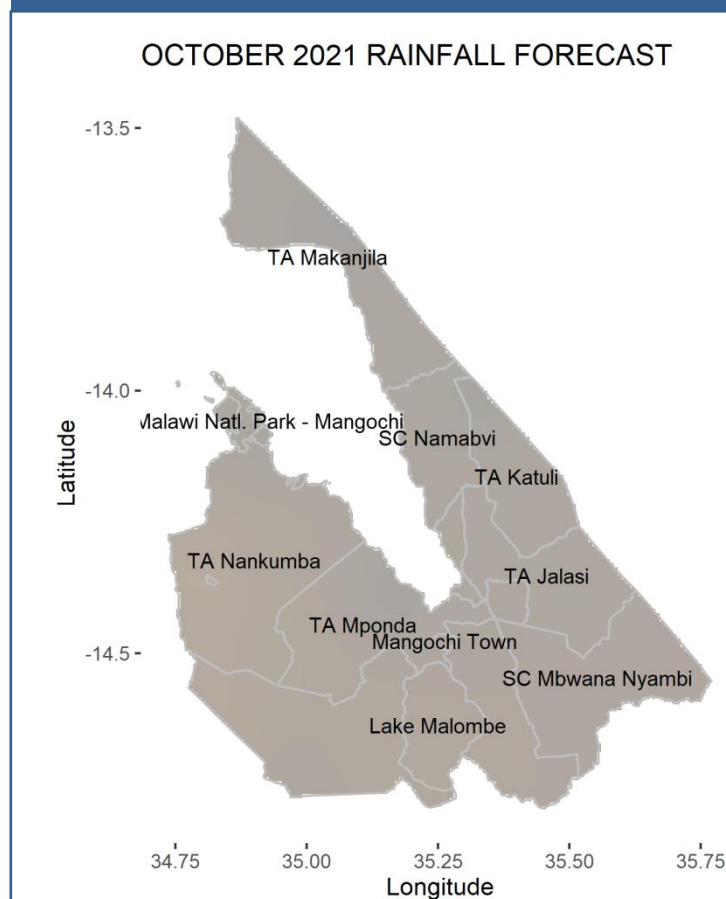
MANGOCHI DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022

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.

Mangochi district is expected to receive **normal to above normal rains** from October 2021 to April 2022 rainfall season.

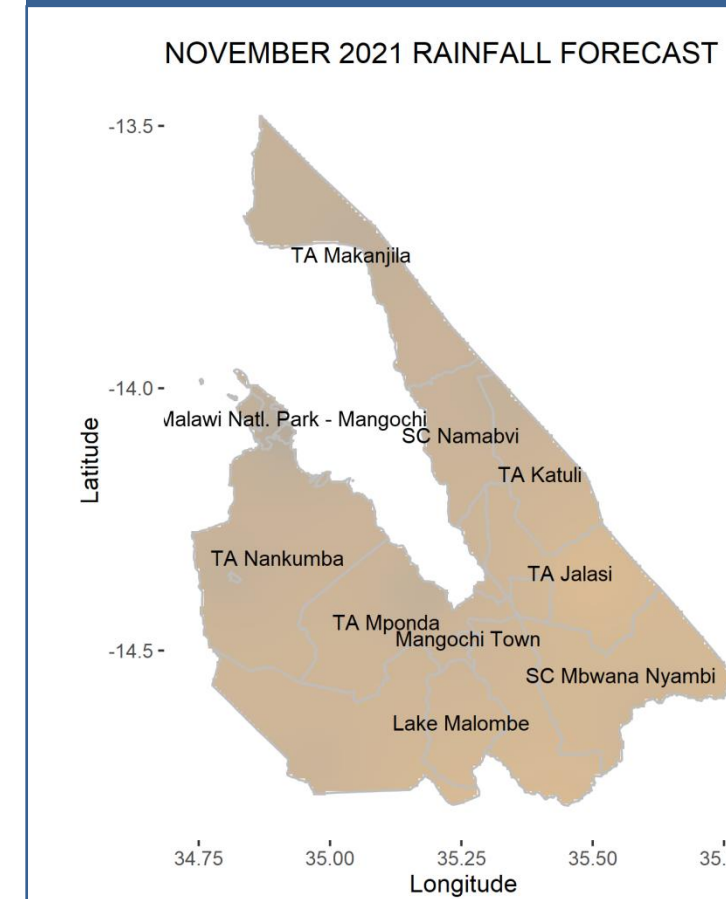
October 2021



The month of October is expected to remain drier over Mangochi district with rainfall total amounts below 50 mm.

However the rains might be accompanied by gusty winds.

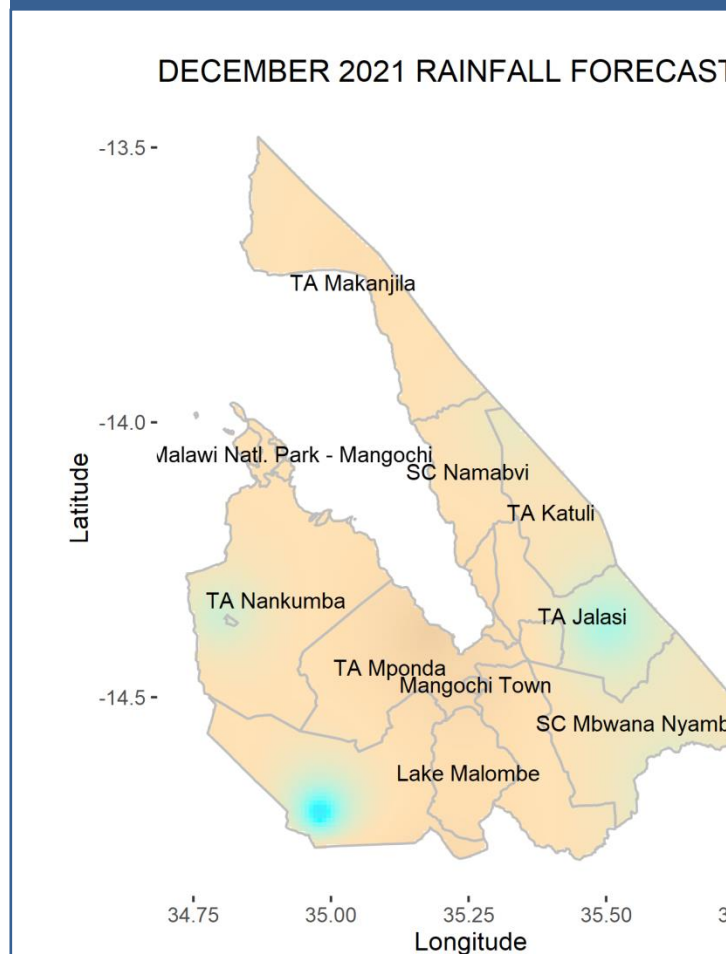
November 2021



Planting rains are possibly expected by the 3rd week of November. Most areas will receive rainfall of about 100mm.

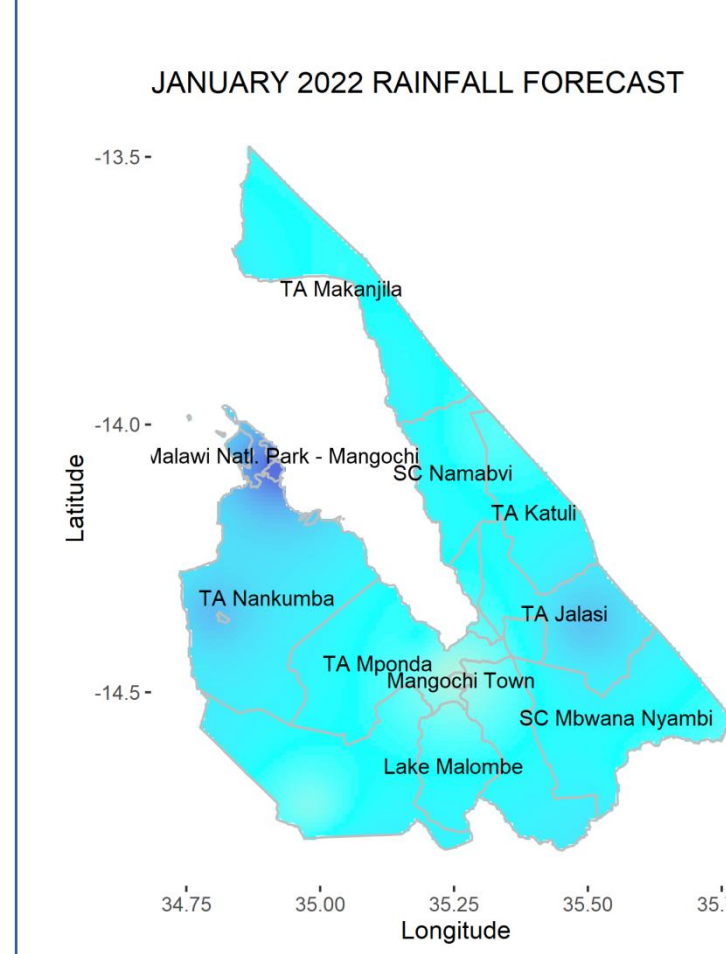
Expect thundery activities associated with strong and gusty winds during this month.

December 2021



In December, there will be a pick in rainfall activities with rainfall amounts totals over 150mm over most areas.

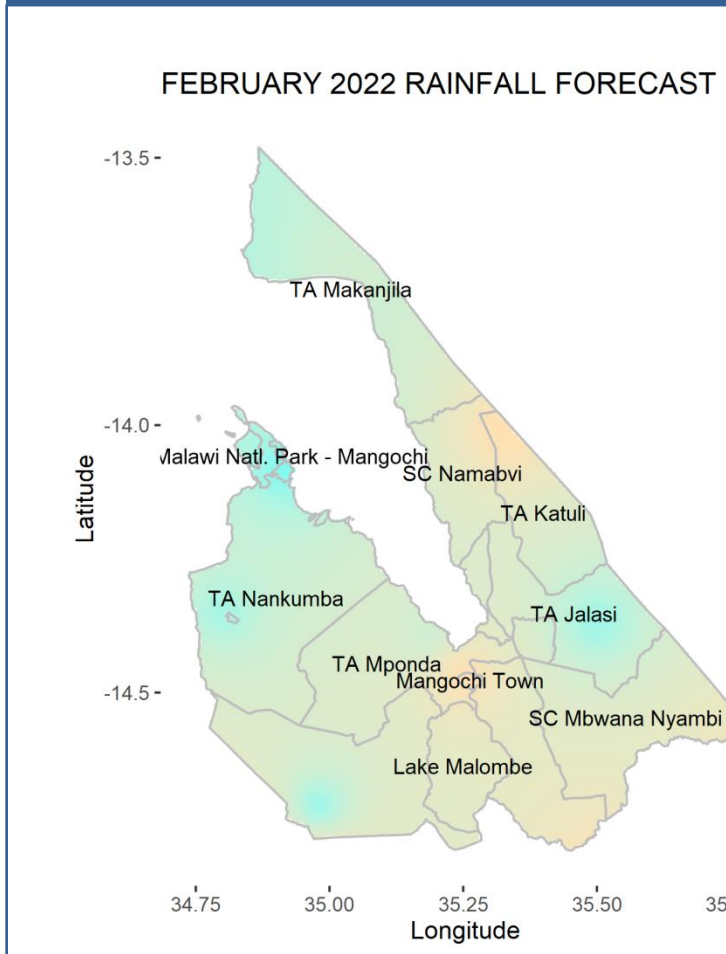
January 2022



Expect rainfall amounts ranging from 250mm to 350mm in the month of January over most areas with high potential risk of flooding.

Dry spells of more than 10 days are likely during this month.

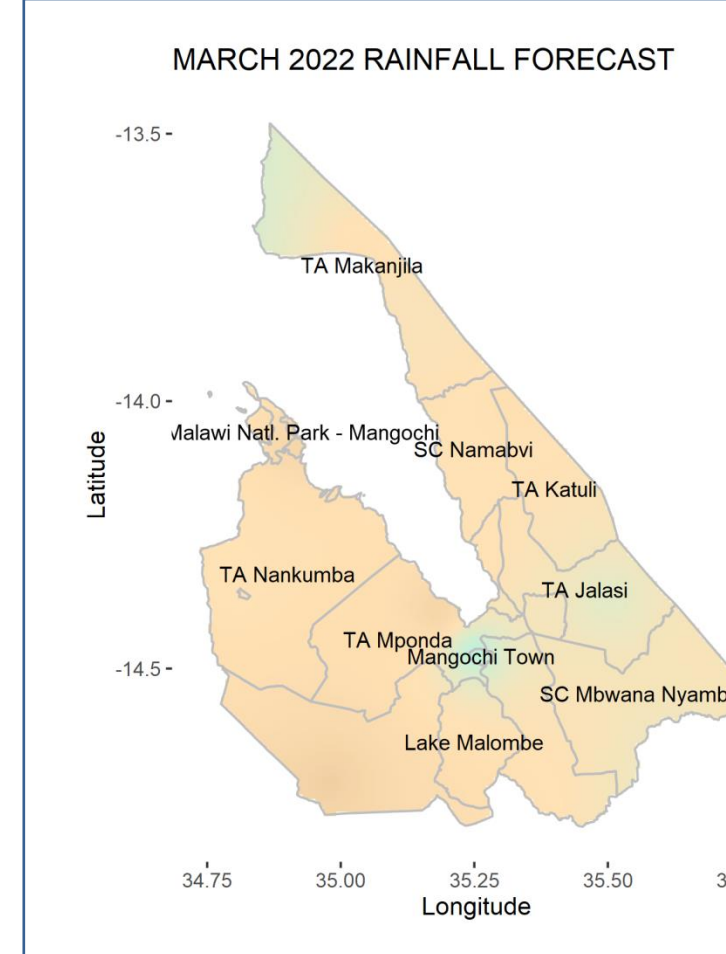
February 2022



In the month of February, expect most areas in Mangochi to get rainfall amounts about 200mm while over 250mm in T/A Jalasi and over T/A Nankumba.

Pockets of dry spells of about 1 week are expected in this month.

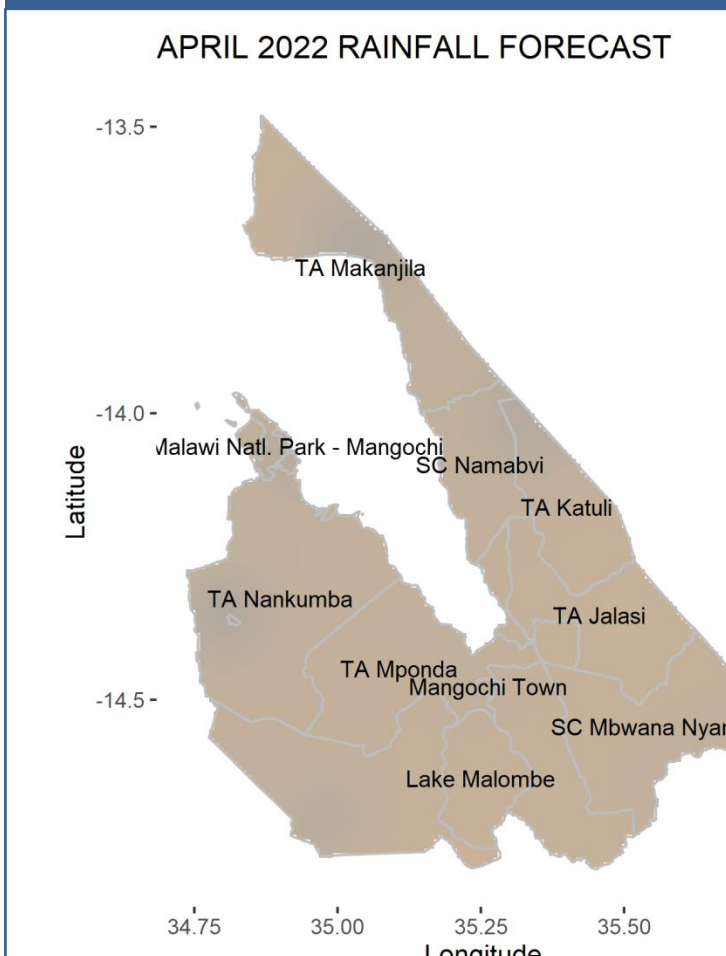
March 2022



For March, rainfall amounts below 200mm are expected over most areas, except areas over Mangochi Town and T/A Jalasi which might receive up to 250mm of rainfall.

Except rainfall cessation from the last week of March into first week of April.

April 2022

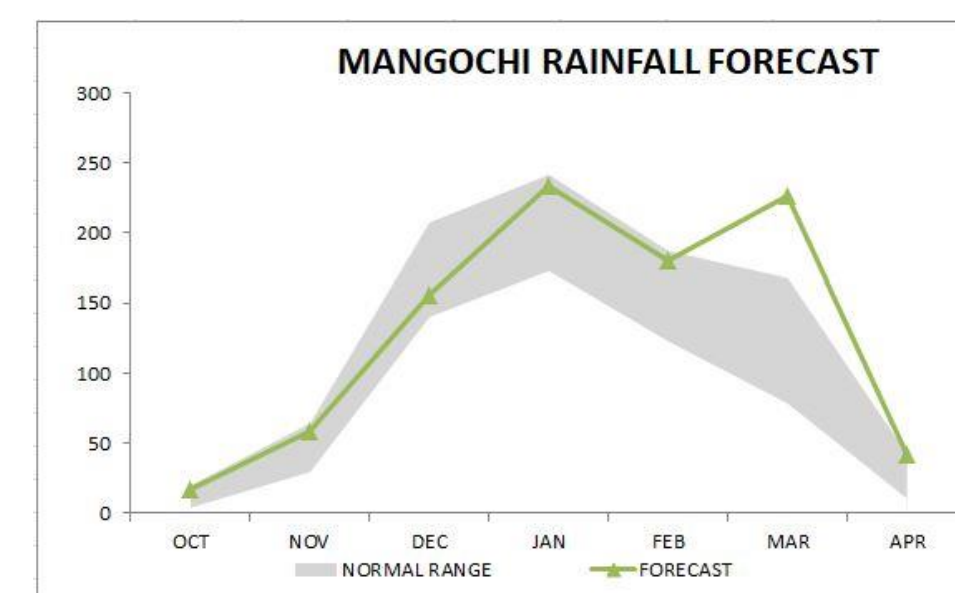


April marks the end of rainfall therefore, expect rainfall of less than 50mm over the district.

Onset in Mangochi is likely to be normal which is around 3rd week of November to 2nd Week of December. Cessation is expected between last week of March to 1st week of April. The seasonal length is likely to have 117 to 139 days with possible dry spells of more than 10 days in January in some areas.

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

MANGOCHI			
MONTH	NORMAL RANGE	FORECAST	
OCT	4.0	20.0	16.7
NOV	29.5	64.3	58.6
DEC	140.0	207.5	155.9
JAN	173.0	241.6	234.0
FEB	122.7	187.3	180.0
MAR	78.3	168.0	226.1
APR	10.6	42.2	41.6



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