



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



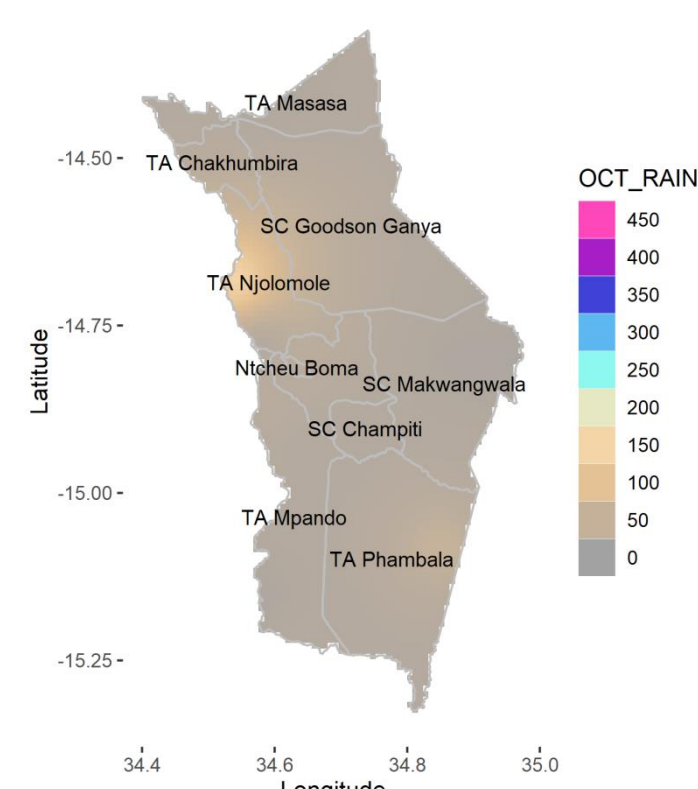
Overview of 2021/2022 Rainfall Season

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.

Ntcheu district is expected to receive normal to above normal rainfall amounts, except during the month of December, when normal to below normal rainfall is expected.

October 2021

OCTOBER 2021 RAINFALL FORECAST

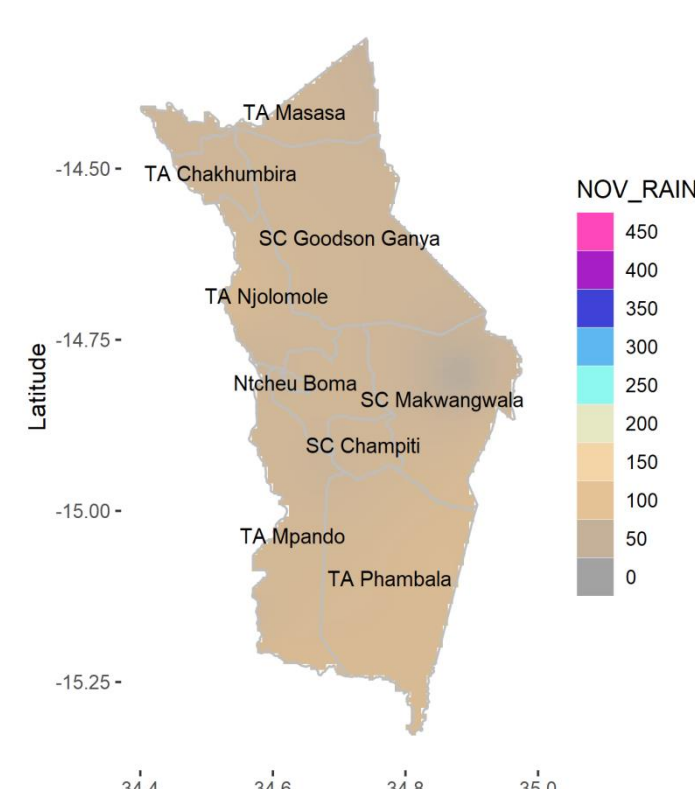


In the month of October, most areas of Ntcheu will be generally dry. However, *Chizimalupysa* rains are likely to occur.

Expect localized thunderstorms, which are likely to bring strong winds and heavy showers.

November 2021

NOVEMBER 2021 RAINFALL FORECAST

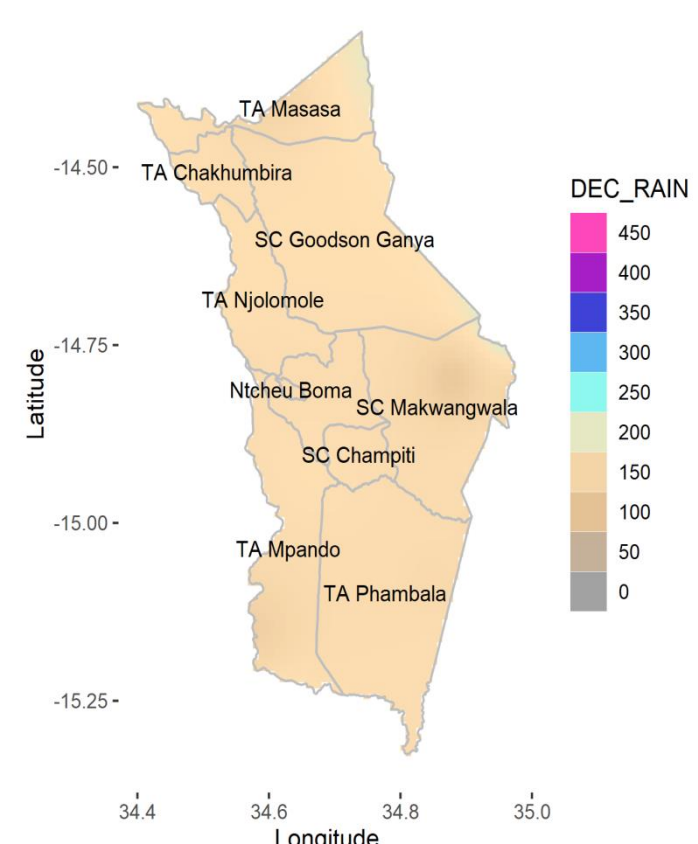


There is high likelihood of more rains in November.

Most areas are expected to receive rains exceeding 50mm. The rainfall onset/planting rains are most likely from second week of November.

December 2021

DECEMBER 2021 RAINFALL FORECAST

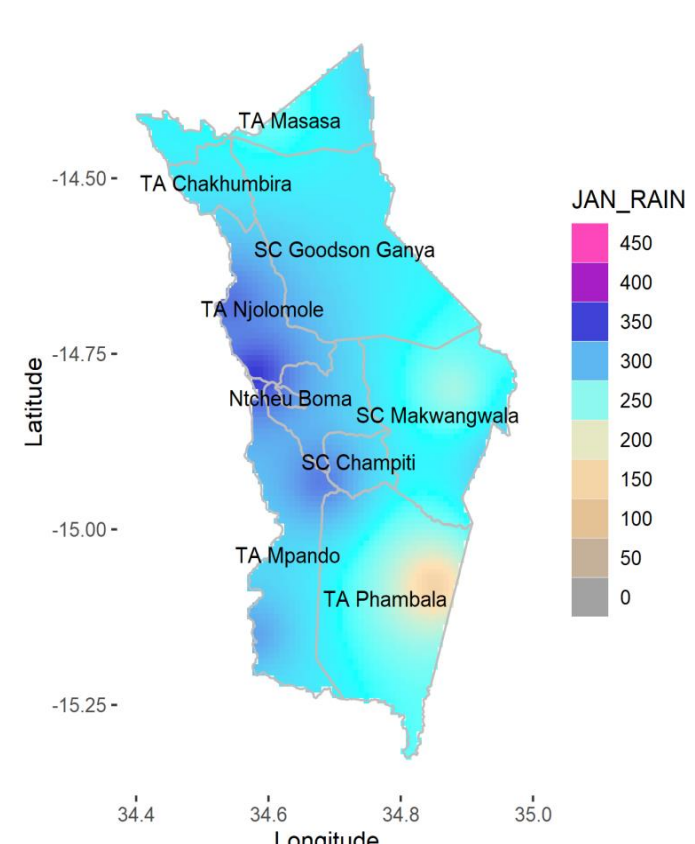


In December, below normal than usual rainfall is expected. Most areas are likely to receive between 100mm to 150mm, which is much less than what is normally expected.

This indicates the likelihood for some areas to experience extended periods of no rains.

January 2022

JANUARY 2022 RAINFALL FORECAST

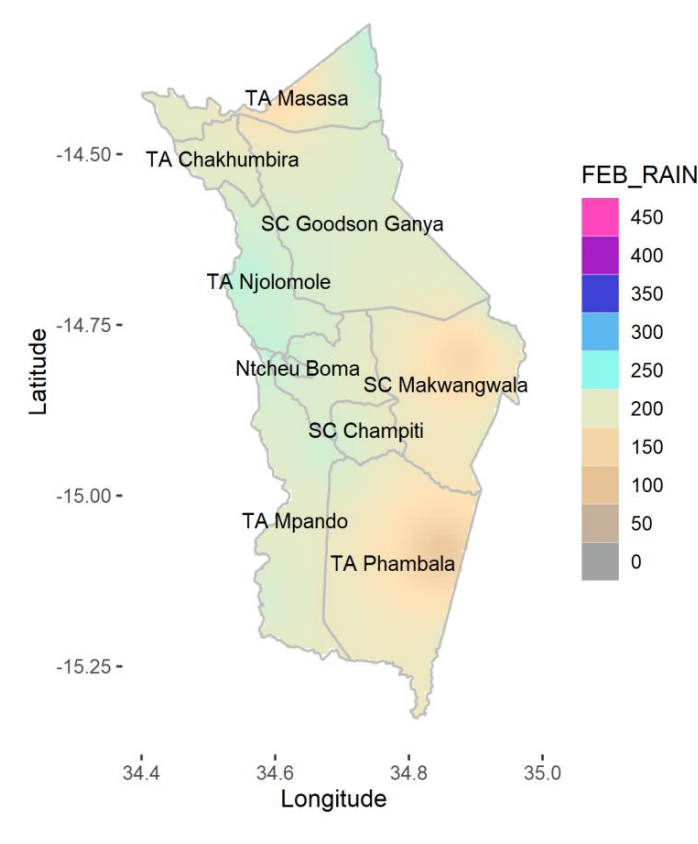


Rainfall amounts of more than 250mm are expected over most areas, the wettest being under TA Njolomole, Ntcheu Boma, SC Champiti and TA Mpando. Rainfall around 200mm is expected east of TA Phambala.

Dry spells up to 7 days are likely during the January.

February 2022

FEBRUARY 2022 RAINFALL FORECAST

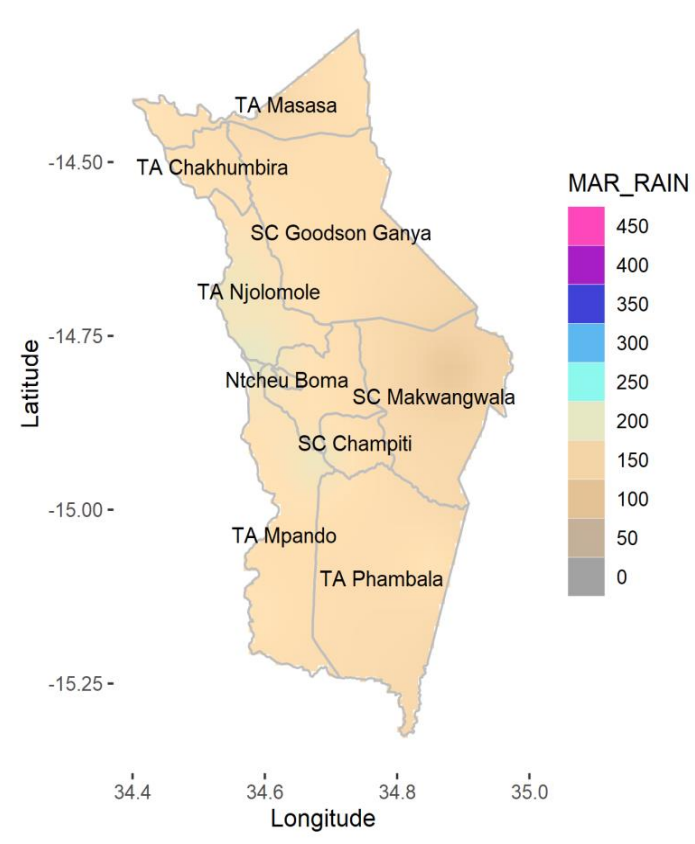


Normal to above-normal rainfall amounts are forecasted with areas such as TA Phambala, SC Makwangwala and TA Masasa likely to get rains ranging from 150mm to 200mm. These amounts will be exceeded in some areas like in TA Njolomole.

Dry spells exceeding one week are less likely to occur in February.

March 2022

MARCH 2022 RAINFALL FORECAST

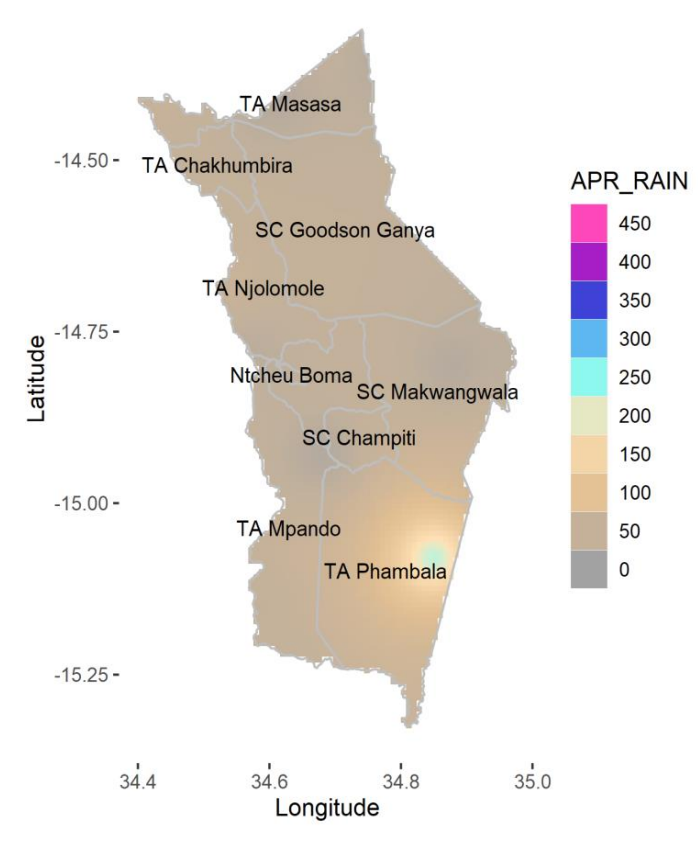


Generally, above normal rains are expected in March.

Rainfall amounts from 150mm to 200mm are most likely in many areas including those in TA Mpando, TA Masasa, Ntcheu Boma and others.

April 2022

APRIL 2022 RAINFALL FORECAST



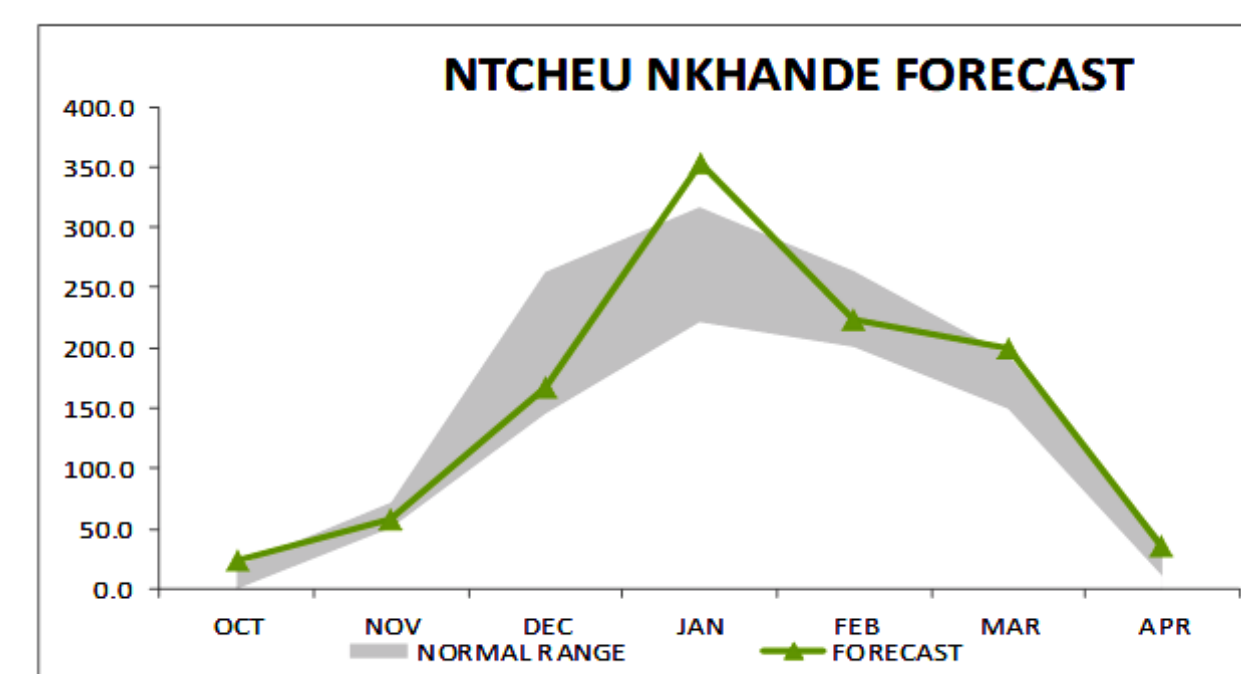
The rainfall cessation is expected from the end of March.

However, Ntcheu will not be completely dry during April as some areas will still get some rains which will be mostly around 20 to 50mm.

Onset of rains in Ntcheu is expected between 2nd and 3rd week of November 2021. Cessation is likely between 4th week of March and 1st week of April 2022. The seasonal length is expected to be between 123 to 137 days. Dry spells are less likely except for areas around Senzani that are likely to experience dry spells up to seven days in December, January and February.

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

NTCHEU NKHANDE		
MONTH	NORMAL RANGE	FORECAST
OCT	0.0	19.0
NOV	50.7	71.8
DEC	145.2	263.0
JAN	221.4	316.8
FEB	200.7	263.9
MAR	149.4	194.1
APR	10.6	39.7



For further information contact:

The Director of Climate Change and Meteorological Services,
P.O. Box 1808, Blantyre.
Tel +265 1 82 47 12 / Cell: +265 999 91 13 14
Email: metdept@metmalawi.gov.mw ; Website: www.metmalawi.gov.mw

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