



MINISTRY OF FORESTRY AND NATURAL RESOURCES

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



NENO DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022

Overview of 2021/22 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.

Neno district is expected to receive **normal total rainfall amounts** during the rainfall season from October 2021 to April 2022.

October 2021

OCTOBER 2021 RAINFALL FORECAST

During October, Neno district will receive rainfall between 20mm to 40mm.

The first rainfall will be accompanied by strong winds and lightning.

November 2021

NOVEMBER 2021 RAINFALL FORECAST

In November TA Chekucheku, TA Dambe and some parts of Neno Boma will receive over 100mm of rainfall. Most of the eastern side of the district including TA Symon and southern areas of TA Mlauli will receive rainfall amounts in the range of 50mm to 80mm.

Onset is expected between the last week of November and the first week of December.

December 2021

DECEMBER 2021 RAINFALL FORECAST

In TA Dambe, Chekucheku and areas around Neno Boma rainfall amounts exceeding 180mm are expected during the month of December.

However, north-east of TA Symon and most parts of TA Mlauli are expected to receive rainfall amounts in the range of 110mm to 150mm.

January 2022

JANUARY 2022 RAINFALL FORECAST

The Month of January will be wetter as over 340mm are expected in the areas of TA Chekucheku, Dambe and Neno Boma. The range from 210mm to 260mm is expected over TA Symon, TA Mlauli and parts of Majete game Reserve.

There is a moderate likelihood of 6 to 10 days dry spells during this month.

February 2022

FEBRUARY 2022 RAINFALL FORECAST

February will continue to be wet with TA Mlauli and southern areas of TA Symon expected to receive rainfall in the range of 190mm to 210mm. The East of TA Symon and some parts of around Neno Boma will receive rainfall in the range of 150mm to 180mm.

February may experience dry spells of 7 to 12 days.

March 2022

MARCH 2022 RAINFALL FORECAST

The areas around Neno Boma will receive rainfall amounts in the range of 170mm to 200mm.

Most parts of the district are expected to receive relative rainfall amounts in the range of 110mm to 130mm in the month of March.

April 2022

APRIL 2022 RAINFALL FORECAST

April will be generally wet than normal with TA Chekucheku, Dambe and areas around Neno Boma expected to receive rainfall of more than 60mm.

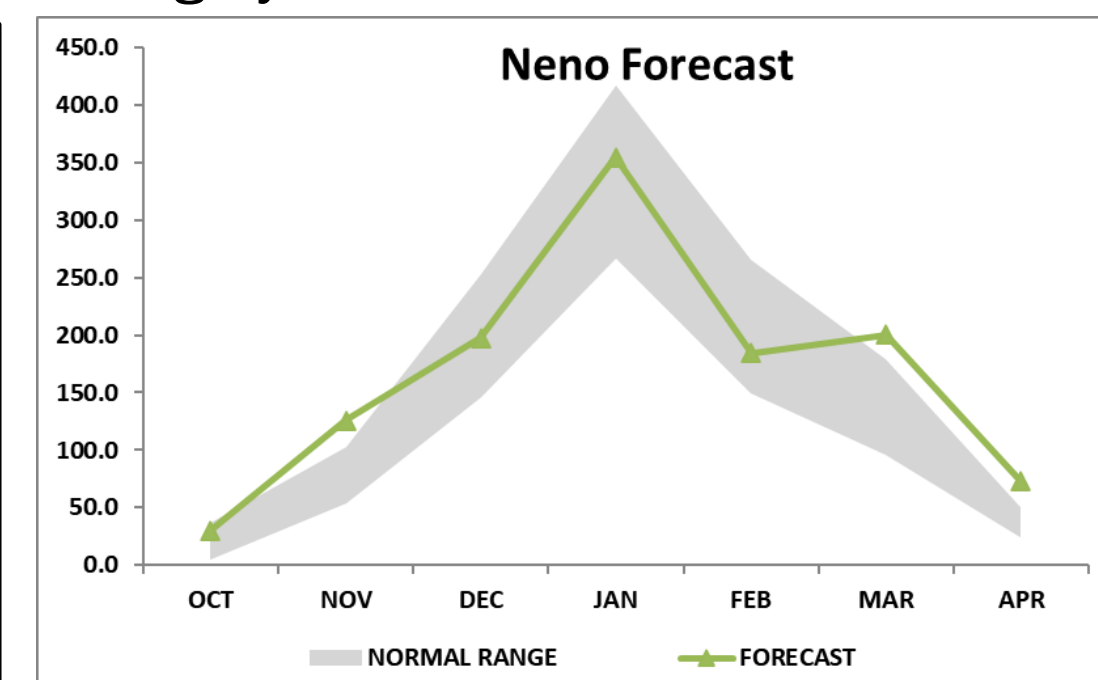
The rest of the areas in the district are expected to receive rainfall in the range of 20mm to 50mm.

Rainfall cessation is expected by the first week of April in many areas of Neno.

There is high likelihood for rainfall onset for Neno district to be normal between 21st November and 7th December. Cessation for the district is expected around 14th April with some areas earlier than that. The total likelihood of seasonal length is expected to be around 135 days, thus ranging from 122 to 145 days. Dry spells of more than 6 days are also expected in January and February.

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

| NENO | | |
|-------|--------------|----------|
| MONTH | NORMAL RANGE | FORECAST |
| OCT | 4.8 | 36.1 |
| NOV | 54.00 | 102.45 |
| DEC | 146.25 | 253.00 |
| JAN | 266.8 | 417.3 |
| FEB | 149.67 | 265.63 |
| MAR | 96.1 | 179.3 |
| APR | 24.37 | 50.75 |



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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