



DEDZA DISTRICT DOWNSCALED SEASONAL FORECAST, 2022-2023

Overview of 2022/2023 Rainfall Season

The 2022-2023 rainfall season is expected to be influenced by La Nina conditions during better part of the season. La Nina is the unusual cooling of ocean waters over eastern-central equatorial Pacific Ocean. Dedza district is expected to receive normal to above rainfall amounts during the 2022/2023 rainfall season. However, pockets of below normal rainfall amounts are most likely during the months of December and February.

October 2022

OCTOBER 2022 RAINFALL FORECAST

October is expected to be dry and hot. However, *Chizimalupysa* rains are likely in few areas. Rainfall amounts expected to be less than 50mm of rains.

Occurrences of gusty winds and lightning associated with thunderstorms are more likely.

November 2022

NOVEMBER 2022 RAINFALL FORECAST

During November, there is increased chance of more areas receiving rains ranging from 50 to 100mm. Significant/planting rains are most likely from the last week of November for most areas. However, the planting rains may delay until early December in some areas.

Gusty winds and lightning

December 2022

DECEMBER 2022 RAINFALL FORECAST

Generally, normal to below normal rains are expected in most areas of TA Kachindamoto, SC Kamenya Gwaza, TA Tambala, SC Chauma, TA Kasumbu and West of TA Pemba. Normal to above normal rainfall amounts around 200mm are likely in some areas of TA Kaphuka, East of TA Pemba and Dedza Boma

January 2023

JANUARY 2023 RAINFALL FORECAST

Normal rainfall amounts are expected over most areas in the month of January except in TA Kachindamoto, where below normal rains are most likely. Most areas are expected to receive rainfall ranging from 200mm to 250mm. Some areas of TA Tambala may receive up to 300mm.

200mm to 250mm of rainfall are expected in TA Kachindamoto, which is below

February 2023

FEBRUARY 2023 RAINFALL FORECAST

Rains are expected to fall within the normal range during the month of February.

Most areas are expected rains amounting from 150mm to 200mm in the month.

March 2023

MARCH 2023 RAINFALL FORECAST

Significant rainfall is expected to continue into March. Rainfall is expected to be withing normal, where amounts will range from 100mm to 150mm in most areas. Some areas of TA Kaphuka will receive highest rainfall in excess of 200mm.

April 2023

APRIL 2023 RAINFALL FORECAST

In April, some areas may continue to receive rains, which will be between the range of 50mm to 100mm. These amounts are above the average for the district during April

The rainfall **Onset** is expected from second week of November to first week of December 2022.

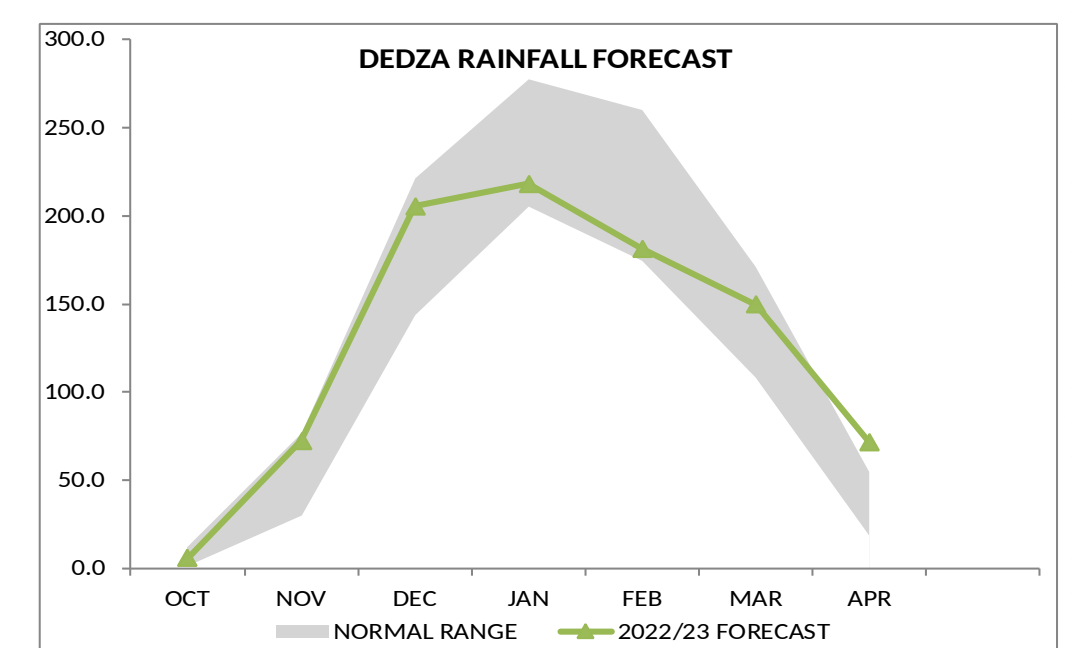
Rainfall **Cessation** is expected towards the last week of March to first week of April 2023.

The seasonal length is expected to range from 122 to 137 days.

Dry spells of about one week are possible in January and February

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

MONTH	DEDZA	
	NORMAL RANGE	2022/23 FORECAST
OCT	1.1	12.1
NOV	29.6	76.7
DEC	143.5	221.3
JAN	205.4	277.8
FEB	174.5	259.8
MAR	108.2	171.4
APR	18.6	54.5



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