



# MINISTRY OF NATURAL RESOURCES AND CLIMATE CHANGE

## DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



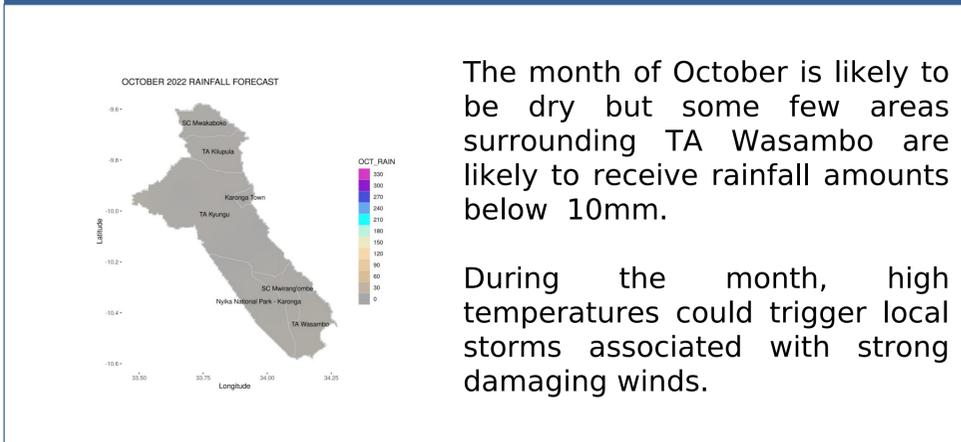
### KARONGA DISTRICT DOWNSCALED SEASONAL FORECAST, 2022-2023

## OVERVIEW OF 2022/2023 RAINFALL SEASON

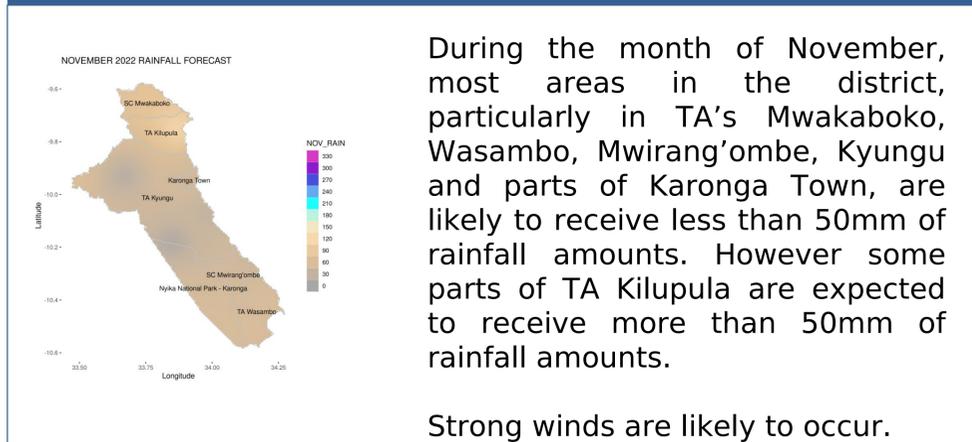
The 2022-2023 seasonal rainfall forecast is expected to be influenced by La Nina conditions. La Nina is the unusual cooling of ocean waters over eastern-central Pacific Ocean.

Karonga District is expected to receive generally **normal** to **above normal** rainfall amounts during the 2022 - 2023 rainfall season.

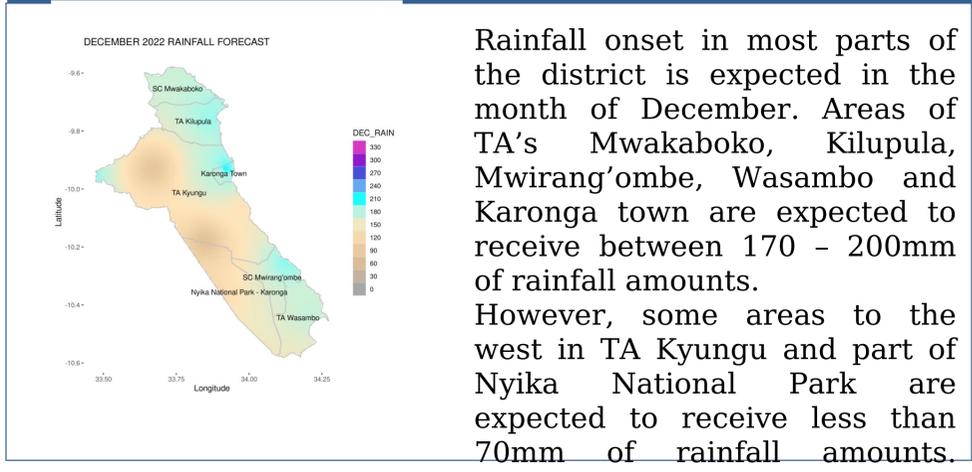
### October 2022



### November 2022



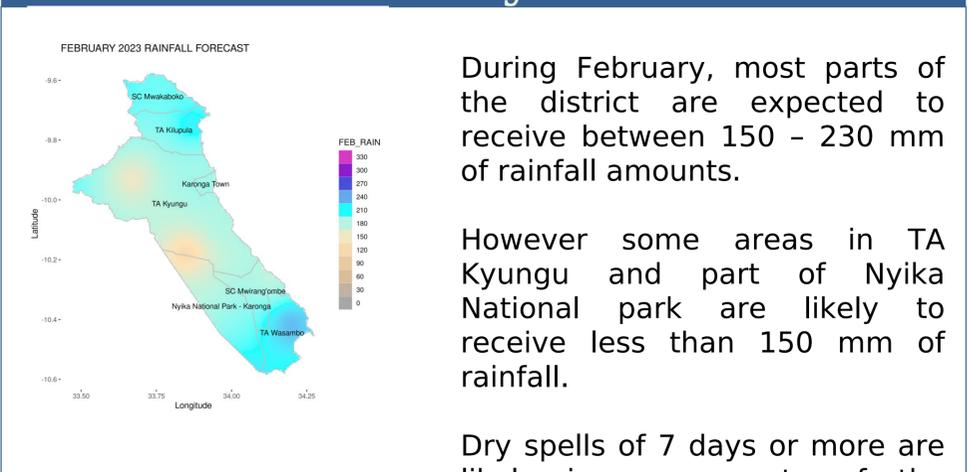
### December 2022



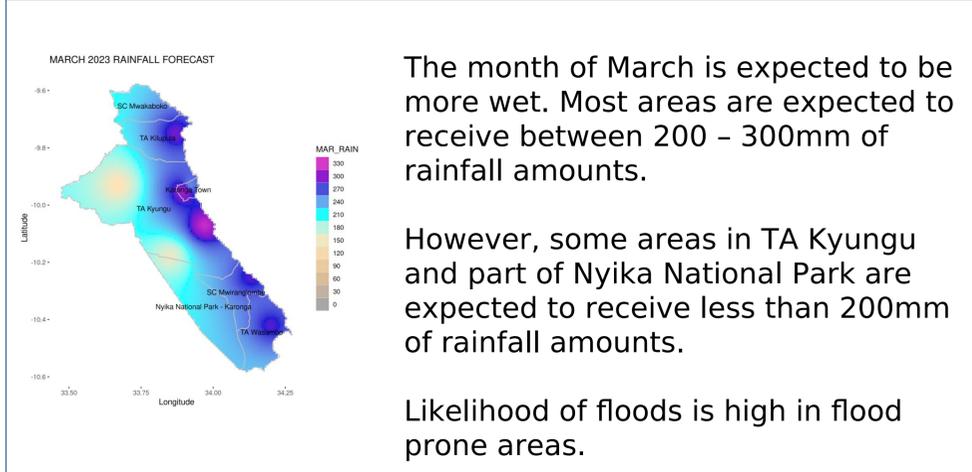
### January 2023



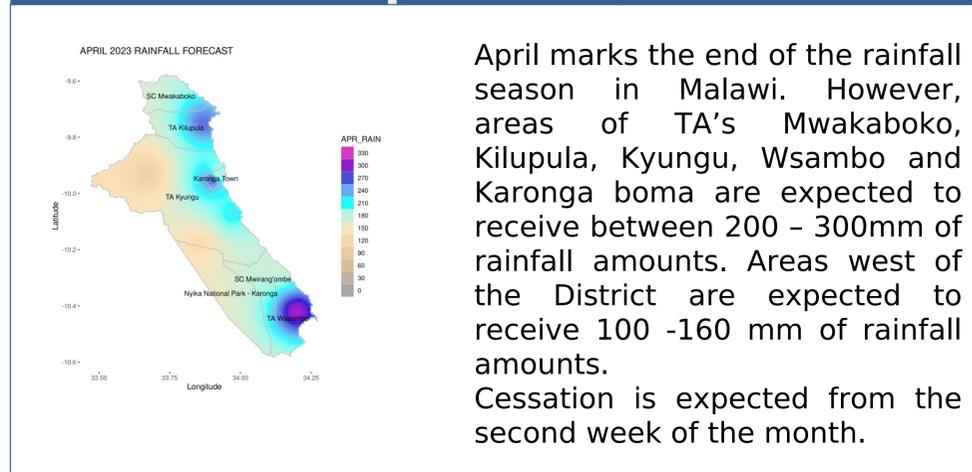
### February 2023



### March 2023



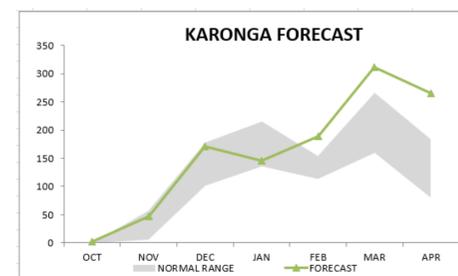
### April 2023



The Rainfall **Onset** in Karonga is expected between 2<sup>nd</sup> and 3<sup>rd</sup> weeks of December 2022. However, some areas are expected to have early onset of rains. **Dry spells** of at least 7 days are expected in some areas during January and February 2023. Rainfall **Cessation** is expected between 2<sup>nd</sup> and 3<sup>rd</sup> weeks of April 2023. The **seasonal length** in the district is expected to be around 125 to 140 days.

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

KARONGA		
MONTH	NORMAL RANGE	FORECAST
OCT	0	0
NOV	6.539	56.781
DEC	101.669	178.222
JAN	135.909	214.33
FEB	113.425	154.018
MAR	159.528	266.351
APR	80.784	184.351



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