



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE and FORESTRY
METEOROLOGICAL DEPARTMENT COUNTY METEOROLOGICAL SERVICE
 P. O. Box 493 Chuka , Kenya.
 Phone : 0729287479
 E-mail: nthuni@gmail.com

TharakaNithi March, April, May Long Rain SEASONAL FORECAST

MAM 2025 RAINFALL SEASONAL SUMMARY OVER THARAKANITHI COUNTY

MAM 2025 Rainfall	Onset	Cessation	Distribution
Probable Time	4 th week of March to 1 st week of April	3 rd to 4 th week of May	Fair

MARCH, APRIL, MAY (MAM) NATIONAL FORECAST

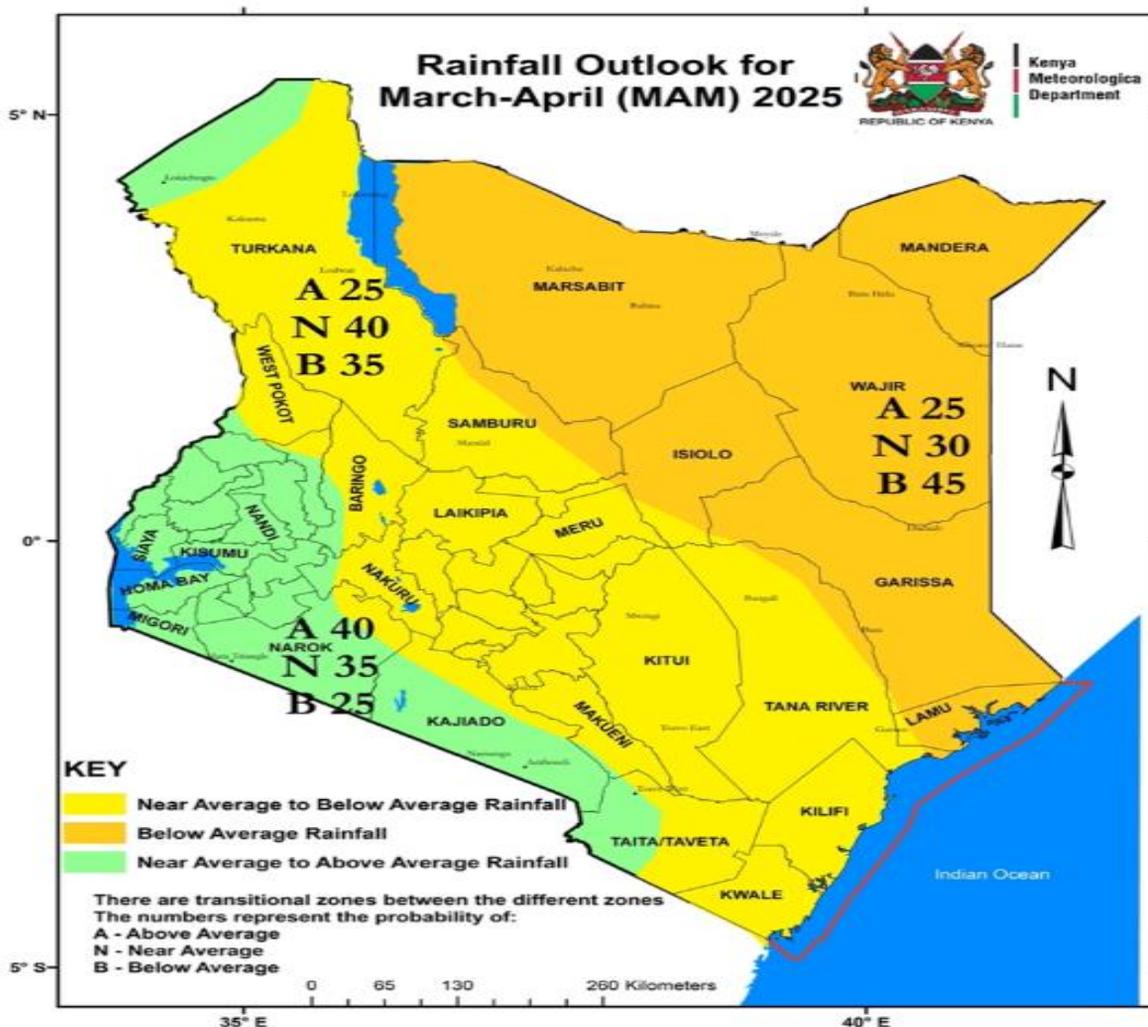


Fig. 2: MAM 2025 Rainfall Outlook

MAM SEASON 2025 HIGHLIGHTS OVER THARAKANITHI COUNTY

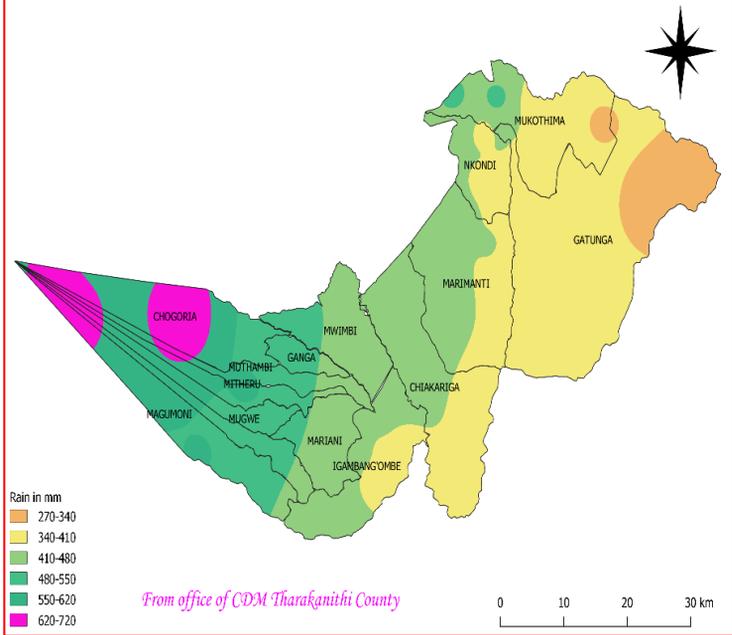
- The MAM 2025 rainy season is expected to be Near normal to below Normal in differences parts of county with late onset 4th week of March to 1st week of April
- Fair distribution in time and space.
- The rains are expected to Stop 3rd to 4th week of May 2025

LONGTERM MEAN

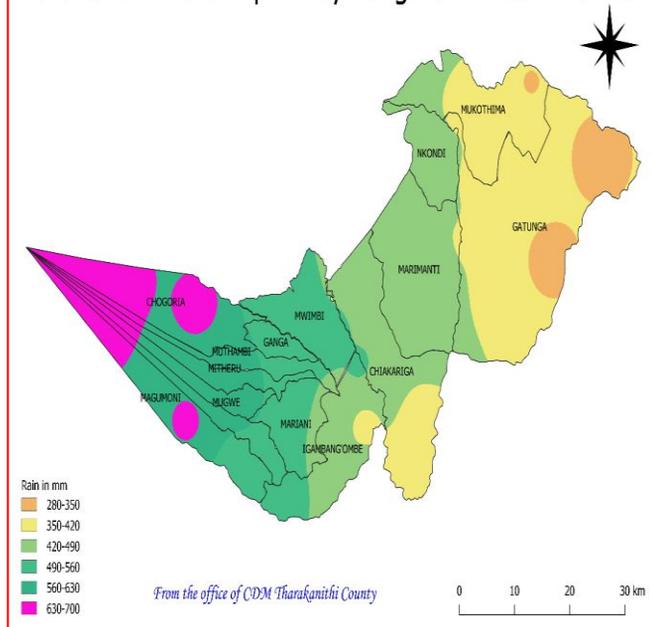
vs

FORECAST

Tharakanithi March, April, May (MAM) 2025 Climate Outlook

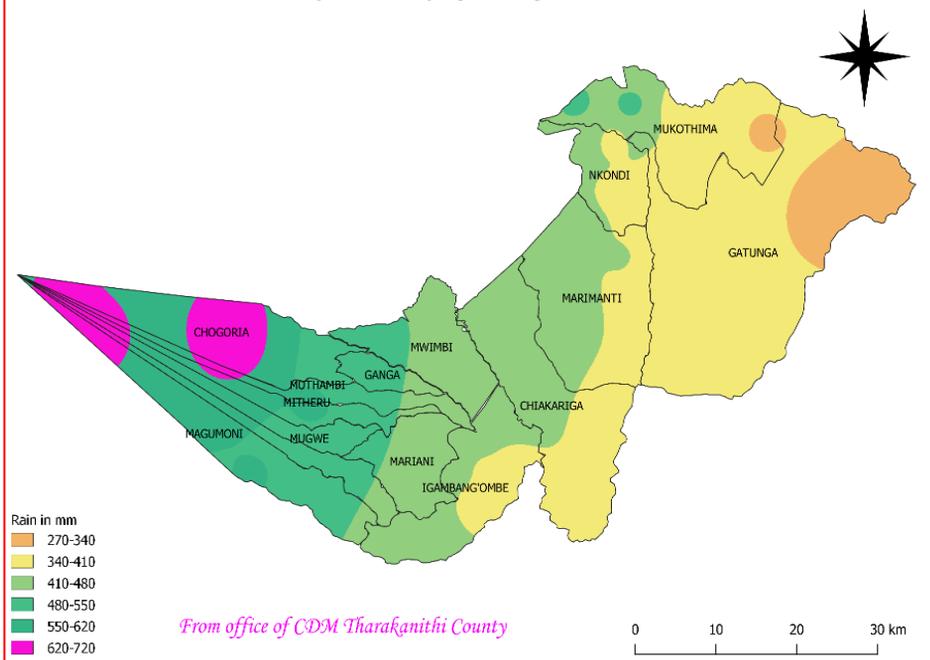


Tharakanithi March April May Long Term Mean Rainfall



MAM 2025 RAINFALL EXPECTED SPATIAL DISTRIBUTION

Tharakanithi March, April, May (MAM) 2025 Climate Outlook



IMPACTS OF OND RAINFALL 2024 ON AGRICULTURE

- Reduced seasonal rainfall amounts, late onset, early cessation and poor distribution is likely to negatively affect agricultural production especially lower zones.
- Farmers are encouraged to adopt climate smart technologies, innovations and management practices: Choice of drought tolerant and fast maturing varieties; adopting Conservation Agriculture

(minimal or zero tillage, mulching, inclusion of cover crops); on-farm rainwater harvesting, among others.

Agriculture and livestock extension officers called upon to advise Farmers appropriate variety and type of crops to plant.

ENVIRONMENT AND NATURAL RESOURCES

- Cases of deforestation and vegetation degradation are expected to increase as people look for alternative livelihoods especially in the lower zones with depressed rainfall.
- Measures should be put in place to improve on drought support and alternative livelihoods.

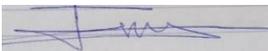
WATER, IRRIGATION AND SANITATION

- Availability of water for general and domestic use in dams and water pans expected to reduce. Participatory watershed management should be embraced to reduce conflicts from those in irrigated farming.
- *Residents urged to enhance rain water harvesting both on roof catchment and surface runoff.*
- *Those living upstream of water sources advised to enhance soil conservation to*
- *reduce siltation of dams and water pans.*

HEALTH SECTOR

- Diseases associated with lack of proper nutrition and poor hygiene due to scarcity of food and water are likely to increase in lower zones.
- The rapid vulnerability assessment should be carried out as well as provide food relief and food supplements to the most vulnerable population respectively.

NB: This outlook should be used together with the 24-hour, 5-day, 7day, monthly, special forecasts and regular updates/advisories issued by this Department as well as Weekly and Monthly County forecasts developed and availed by County Meteorological Offices



JUSTIN M NTHUNI

***COUNTY DIRECTOR METEOROLOGICAL SERVICES,
THARAKANITHI COUNTY***