



# Tharaka Nithi County October-November-December (OND 2023) Seasonal Forecast

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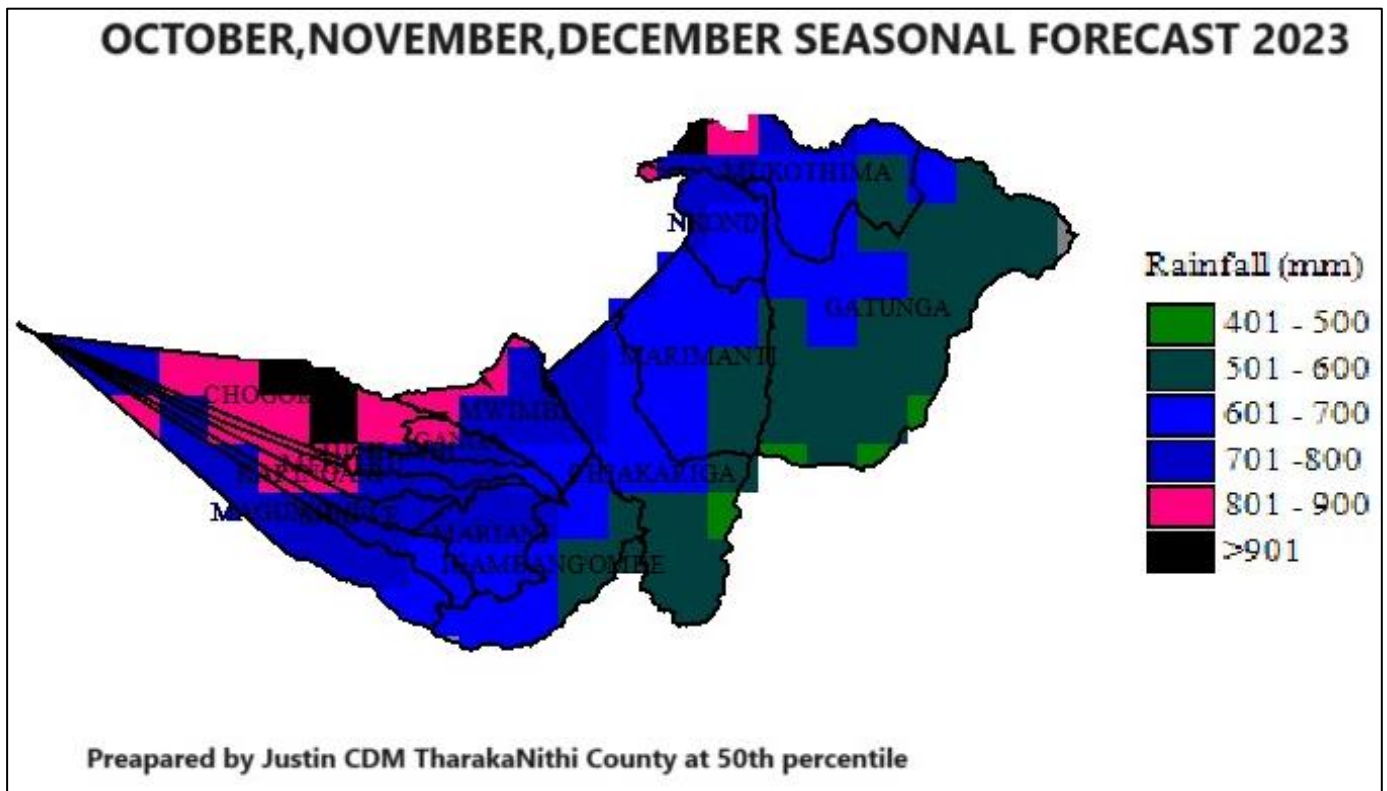
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## 1 Highlights

The OND 2023 rainy season is expected to be above normal with early onset (early October) and good distribution in time and space. The reasons for above normal rainfall and early onset are: (a) higher than normal sea surface temperatures in the Pacific Ocean (El-Nino conditions) and; (b) higher than normal sea surface temperatures in the Indian Ocean (Positive Indian Ocean Dipole (IOD)).

The distribution of rainfall in OND 2023 season is expected to be similar to that of 2006 and 1997.

## 2 Spatial Map of Probable total Seasonal (OND) Rainfall





## 4 OND 2023 Seasonal Forecasts by Ward/AEZ

| SNO | Sub county    | Ward/<br>climatic zone | Seasonal Amount in mm                   |                          | Probable onset<br>dates                  | Probable Cessation<br>dates                     |
|-----|---------------|------------------------|---|--------------------------|--|---|
|     |               |                        | Normal (Long<br>term mean<br>1991-2020) | Forecast for<br>OND 2023 |  |   |
| 1   | Chuka-Mara    | Mwimbi                 | 500-600                                 | 700-800                  | Between<br>6 - 13 <sup>th</sup> Oct 2023 | Between<br>1 – 14 <sup>th</sup> January<br>2024 |
|     |               | Mwimbi                 | 600-700                                 | 800-900                  |  |   |
|     |               | Ganga                  | 500-600                                 | 800-900                  |  |   |
|     |               | Ganga                  | 600-700                                 | 700-800                  |  |   |
|     |               | Igamba-ngombe          | 400-500                                 | 500-600                  |  |   |
|     |               | Igamba-ngombe          | 500-600                                 | 700-800                  |  |   |
| 2   | Tharaka North | Mukothima              | 400-500                                 | 500-600                  | Between<br>6 - 14 <sup>th</sup> Oct 2023 | Between<br>1 – 9 <sup>th</sup> January 2024     |
|     |               | Mukothima              | 500-600                                 | 600-700                  |  |   |
|     |               | Mukothima              | 600-700                                 | 800-900                  |  |   |
|     |               | Nkondi                 | 500-600                                 | 600-700                  |  |   |
|     |               | Nkondi                 | 600-700                                 | 700-800                  |  |   |
| 3   | Tharaka South | Gatunga                | 350-400                                 | 400-500                  | Between<br>6 - 15 <sup>th</sup> Oct 2023 | Between<br>1 – 8 <sup>th</sup> January 2024     |
|     |               | Gatunga                | 400-500                                 | 600-700                  |  |   |
|     |               | Gatunga                |   | 600-700                  |  |   |
|     |               | Chiakariga             | 350-400                                 | 500-600                  |  |   |
|     |               | Chiakariga             | 400-500                                 | 600-700                  |  |   |
|     |               | Chiakariga             |   | 700-800                  |  |   |
|     |               | Marimanti              | 400-500                                 | 500-600                  |  |   |
|     |               | Marimanti              | 500-600                                 | 700-800                  |  |   |

## 5 Recommendations

i) Choosing the right crops to plant:

- To minimize risks, choose the crops whose seasonal Crop Water requirement is within the lower limit value of the predicted range

ii) Onset dates

- The onset dates predicted in this seasonal forecast should be used in conjunction with weekly weather updates which are more accurate

## 6 How to get Weather Updates

You can get weekly weather updates from the Counties folder in the KMD Website

<https://meteo.go.ke/node/4942> , via SMS and Radio messages every Monday evening or early Tuesday morning.

## 7 Tharaka Nithi Wards Map

