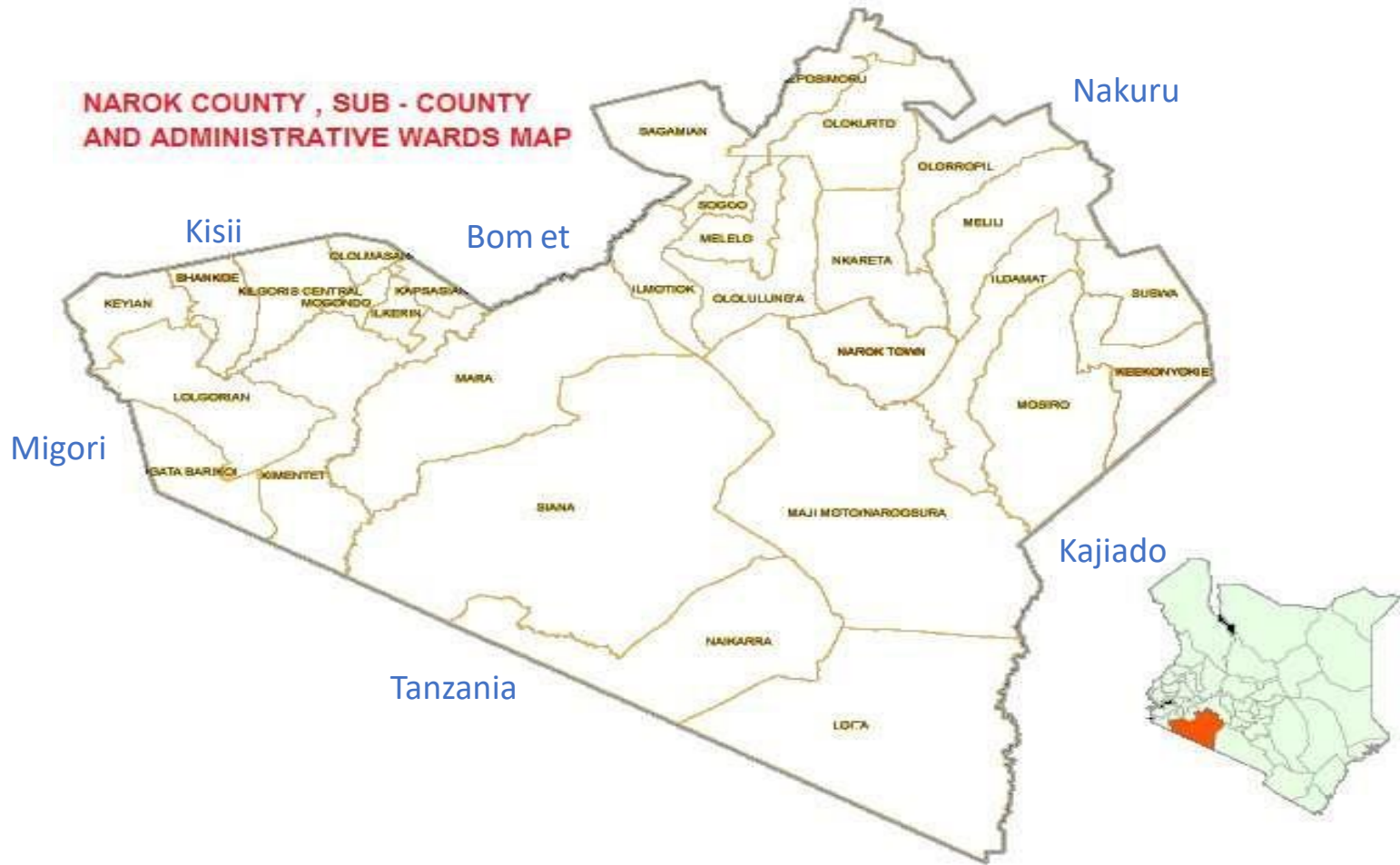




REPUBLIC
OF
KENYA

**NAROK COUNTY SEASONAL
CLIMATE FORECAST VALID
OCTOBER-NOVEMBER-DECEMBER
(OND) 2024**

Narok County, Sub –County and Administrative Ward Map



1. HIGHLIGHTS

Outlook for October – December 2024

- The County expected to receive below average (depressed) rainfall, poorly distributed both in time and space during October – December 2024.
- The Seasonal rains expected to start between 22nd October to 1st November and end and by third week of December 2024.

Key Scientific words

Rainfall categories	
<i>Range</i>	<i>Category</i>
<5 mm	Light
5 - 20mm	Moderate
20 - 50mm	Heavy
> 50mm	Very heavy

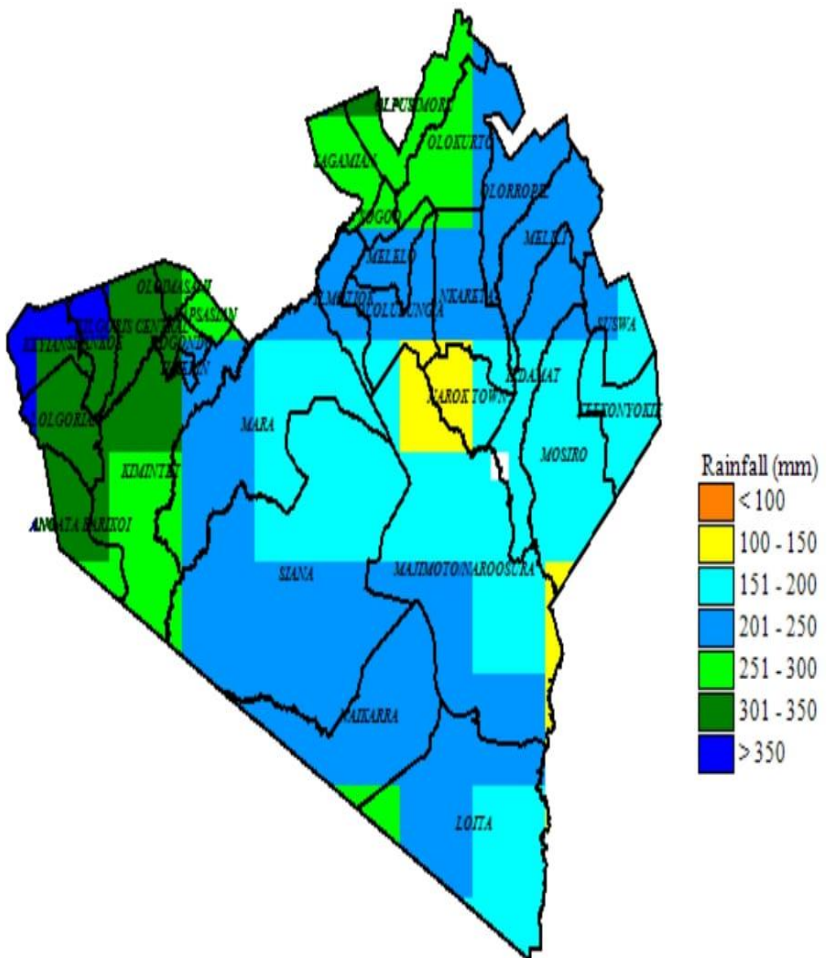
Rainfall coverage	
<i>Term</i>	<i>Meaning</i>
Most Places	Between 66% and 100%
Several Places	Between 33% and 66%
Few Places	Between 0 and 33%

2. NAROK COUNTY OCTOBER – DECEMBER RAIN SEASON.

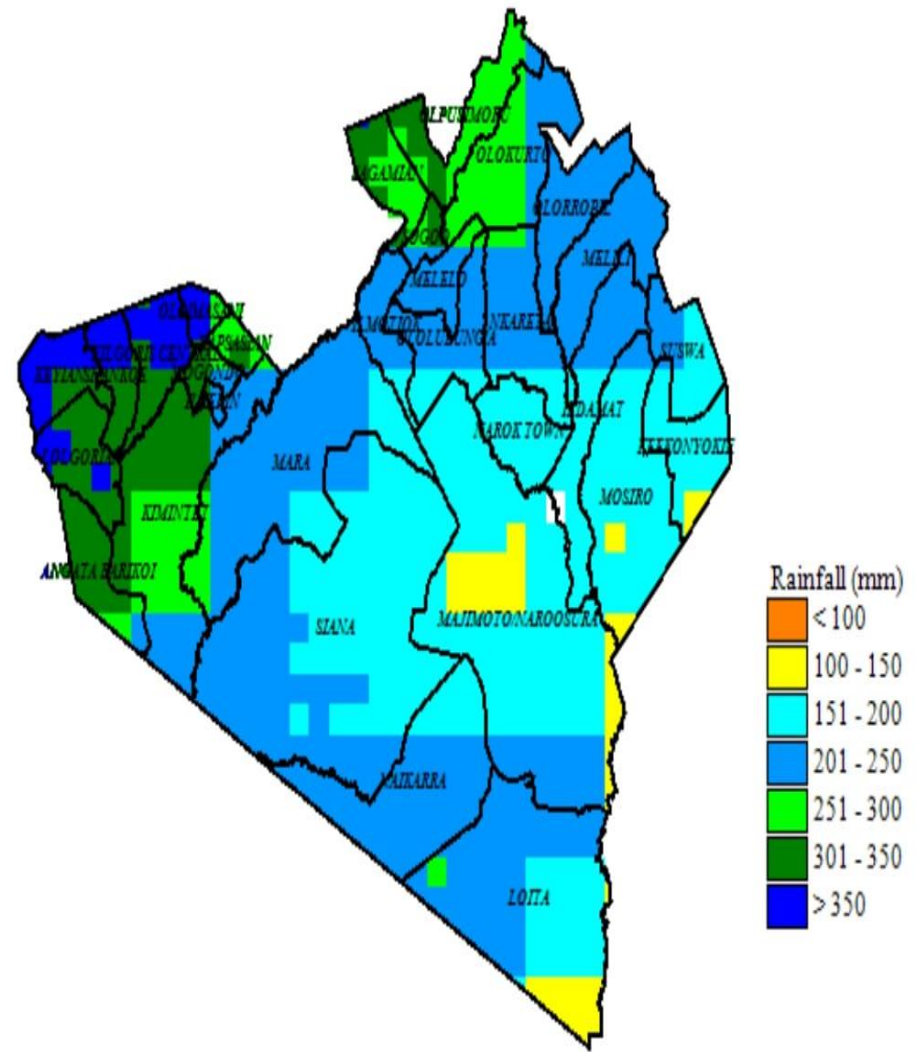
2.1 CLIMATOLOGY AND FORECAST

The county receives varying rainfall amounts ranging from minimum of less than 150mm to more than 450mm during October December rainfall season, *Fig 1*. During OND 2024, it is expected that most parts of the county will receive depressed rainfall, *Fig 2*.

NAROK COUNTY OND 2024 FORECAST MAPS



NAROK COUNTY OCTOBER - DECEMBER RAINFALL MEAN



NAROK COUNTY OCTOBER - DECEMBER 2024 RAINFALL FORECAST

3 POTENTIAL IMPACTS OF THE OND 2024 RAINS

In view of the forecasted depressed/below normal rainfall, many sectors will be impacted in different ways. With adequate preparations, the county can avoid some of the likely negative impacts while taking full advantage of the positive ones.

3.1 Agriculture, Livestock Development and Food Security Sectors

Reduced seasonal rainfall amounts, early cessation and poor distribution is likely to negatively affect agricultural production especially lower and middle zones. Farmers 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.

3.2 Environment and Natural Resources Sectors

Measures should be put in place to improve on drought support and alternative livelihoods.

3.3 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.*

3.4 Disaster Management Sector

- Human-wildlife conflict likely to escalate in most parts
- Relevant government authorities should therefore put in place the necessary contingency plans and early actions.

3.5 Health Sector

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

N.B: This forecast should be used in conjunction with the weekly, monthly forecast and regular updates issued by this office.

Signed,

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COUNTY DIRECTOR METEOROLOGICAL SERVICES,
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