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 KENYA METEOROLOGICAL DEPARTMENT

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAYS AND VALID 2<sup>ND</sup> TO 8<sup>TH</sup> MARCH, 2021**

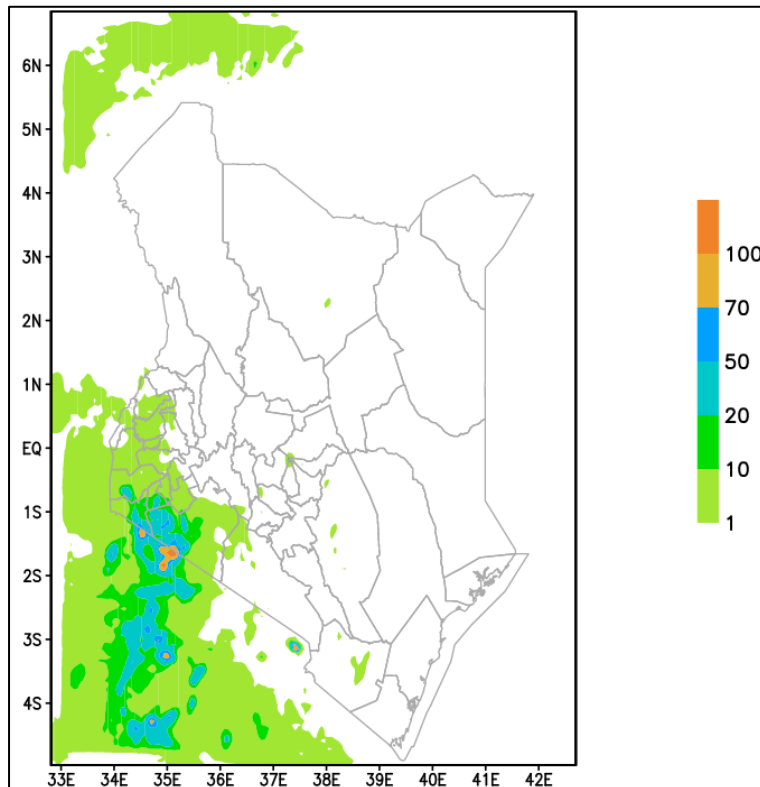
**Forecast for the next seven days (2<sup>nd</sup> to 8<sup>th</sup> March, 2021):**

- Sunny and dry conditions are expected to prevail over most parts of the country.
- Isolated rainfall is however likely over a few areas in the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley and the Highlands East of the Rift Valley (including Nairobi County).
- A few areas in the Northwest and Northeast are likely to experience strong north-easterly to south-easterly winds with speeds exceeding 25 knots (12.9m/s).

**Review of weather for the last seven-day period (22<sup>nd</sup> To 28<sup>th</sup> February, 2021):**

- Rainfall was recorded over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, the South-eastern Lowlands and the Highlands East of the Rift Valley (including Nairobi County). The Northeast, the Northwest, and the Coastal Strip were generally dry.
- Day-time (maximum) temperatures increased over most stations while night-time (minimum) temperatures decreased throughout the country.

**1 FORECAST FOR THE NEXT SEVEN DAYS (2<sup>ND</sup> TO 8<sup>TH</sup> MARCH, 2021)**



Sunny and dry conditions are expected to prevail over most parts of the country. Isolated rainfall is however likely over a few areas in the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley and the Highlands East of the Rift Valley (including Nairobi County) as depicted in **Figure 1**.

A few areas in the Northwest and Northeast are likely to experience strong north-easterly to south-easterly winds with speeds exceeding 25 knots (12.9m/s).

**Figure 1: Forecasted seven-day total rainfall for 2<sup>nd</sup> to 8<sup>th</sup> March, 2021**

## **1.1 DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS (2<sup>ND</sup> TO 8<sup>TH</sup> MARCH, 2021)**

### **1.1.1 The Lake Victoria Basin, the Highlands West of the Rift Valley and the Central and South Rift Valley (Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Trans Nzoia, Baringo, Uasin Gishu, Elgeyo-Marakwet, Nandi, Nakuru, Narok, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia Counties)**

Mornings are likely to have sunny intervals. Afternoons are likely to be generally sunny and the nights partly cloudy with isolated showers likely over a few places.

### **1.1.2 Northwestern (Turkana, West Pokot and Samburu Counties)**

Days are likely to be sunny while nights are expected to have clear skies.

### **1.1.3 Highlands East of the Rift Valley (including Nairobi County) (Nyandarua, Nyeri, Kirinyaga, Laikipia, Murang'a, Kiambu, Meru, Embu, Tharaka and Nairobi Counties)**

Mornings are likely to have sunny intervals. Afternoons are likely to be generally sunny and the nights partly cloudy with isolated showers likely over a few places especially on high ground areas.

### **1.1.4 Northeastern (Marsabit, Mandera, Wajir, Garissa and Isiolo Counties)**

Days are likely to be sunny while nights are expected to have clear skies.

### **1.1.5 Southeastern Lowlands (Kajiado, Kitui, Makueni, Machakos and Taita Taveta Counties)**

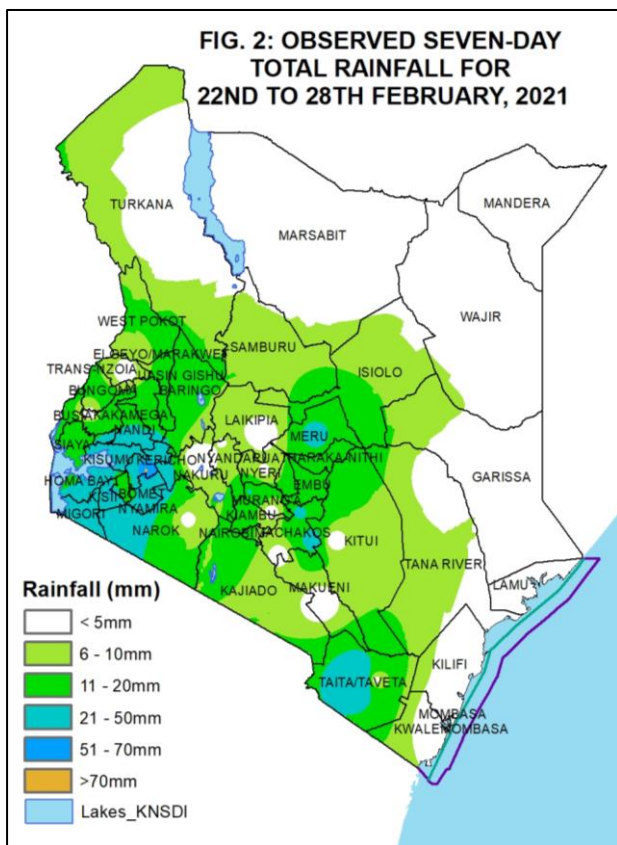
Days are likely to be sunny while nights are expected to have clear skies.

### **1.1.6 The Coastal Strip (Mombasa, Tana River, Kilifi, Lamu and Kwale Counties):**

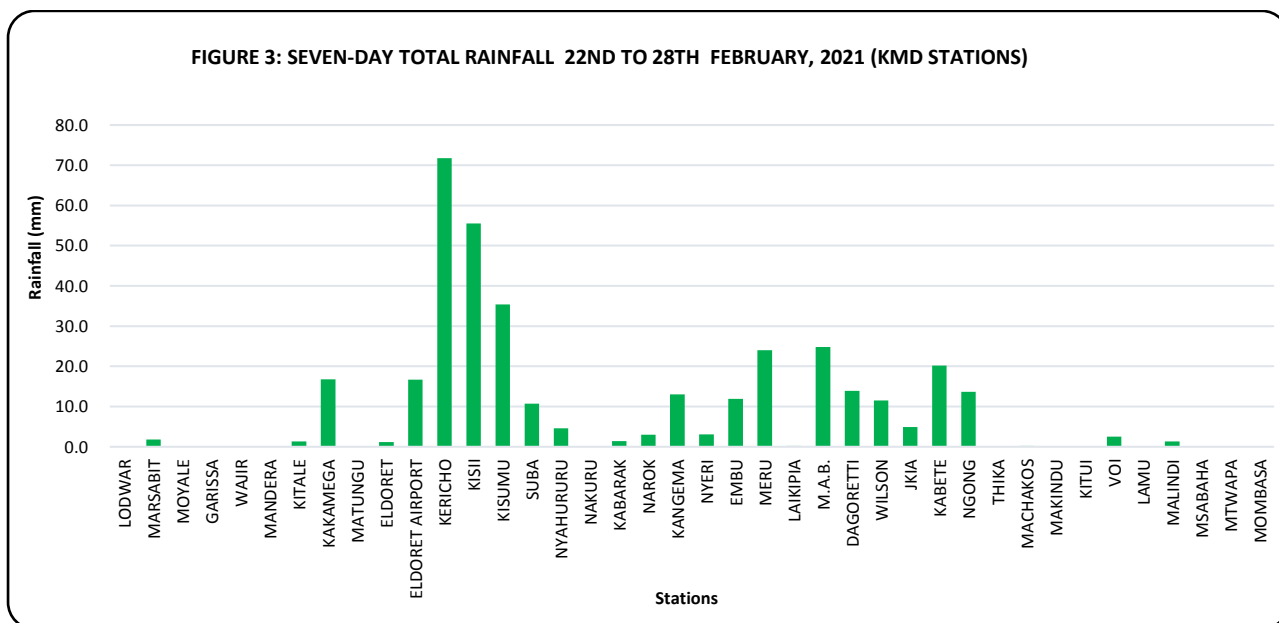
Days are likely to be sunny and nights partly cloudy.

## 2 WEATHER REVIEW OF THE LAST SEVEN DAYS (22<sup>ND</sup> TO 28<sup>TH</sup> FEBRUARY, 2021)

### 2.1 Rainfall Review



Rainfall was recorded over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, the Southeastern Lowlands and the Highlands East of the Rift Valley (including Nairobi County) as depicted in **Figures 2 and 3**. The Northeast, the Northwest and the Coastal Strip were generally dry.



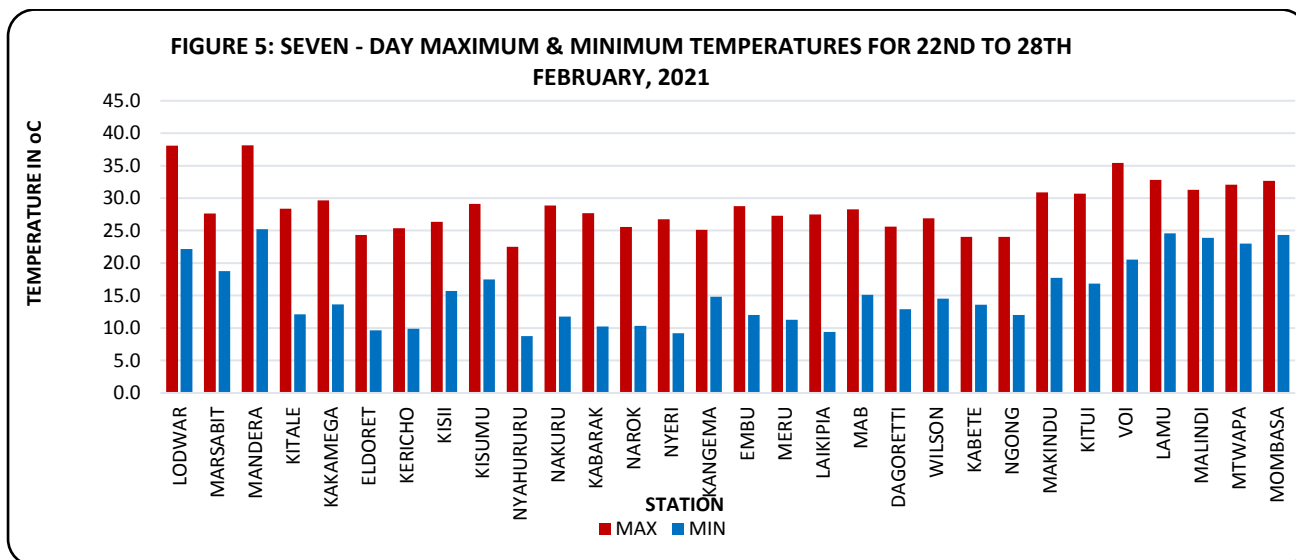
Kericho Meteorological Station recorded the highest seven-day total rainfall of 71.8mm while Kisii Meteorological Station recorded 55.5mm

Kericho Meteorological Station also recorded the highest amount of rainfall within 24-hours: 68.4mm on 22<sup>nd</sup> February, 2021.

## 2.2 Temperature Review

Comparing the previous review period (15<sup>th</sup> to 21<sup>st</sup> February, 2021) to the current review period (22<sup>nd</sup> to 28<sup>th</sup> February, 2021), it is noted that day-time (maximum) temperatures increased over most stations. Night-time (minimum) temperatures decreased throughout the country.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 39.6°C on 27<sup>th</sup> February, 2021 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 5.6°C on 26<sup>th</sup> February, 2021. The same stations recorded the highest seven-day average maximum temperatures of 38.1°C and the lowest seven-day average minimum temperatures of 8.8°C respectively. See **Figure 5** below.



***N.B: This forecast should be used in conjunction with the daily (24-hour) and five-day forecasts issued by this Department. County weekly forecasts are available from the County Directors of Meteorology across the country.***

### KEY OF SCIENTIFIC WORDS USED

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

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

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