



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 26TH MARCH TO 1ST APRIL, 2019

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Review of weather for the last seven-day period (18th to 24th March, 2019):

- Most parts of the country continued to experience hot and dry conditions with only a few stations recording light rainfall.
- Both day-time (maximum) and night-time (minimum) temperatures increased over most parts of the country.

Forecast for the next seven days (26th March to 1st April, 2019):

The forecast indicates that:

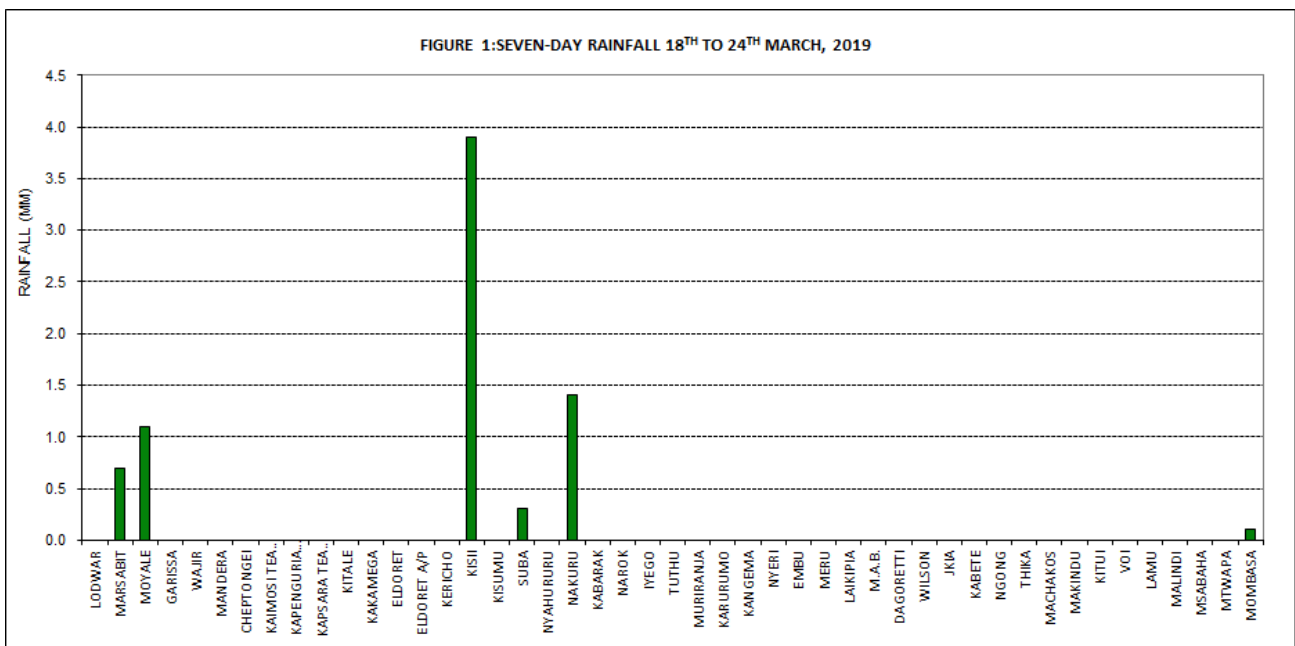
- Rainfall is expected over several parts of the country during the forecast period;
- Parts of Northeastern Kenya are expected to receive heavy rainfall between Wednesday and Thursday.

1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (18TH TO 24TH MARCH, 2019)

1.1 Rainfall Review

Most parts of the country continued to experience hot and dry conditions with only a few stations recording light rainfall. A comparison between the previous seven days (11th to 17th March, 2019) with the period under review (18th to 24th March, 2019) indicates that rainfall amounts continued to decrease throughout the country.

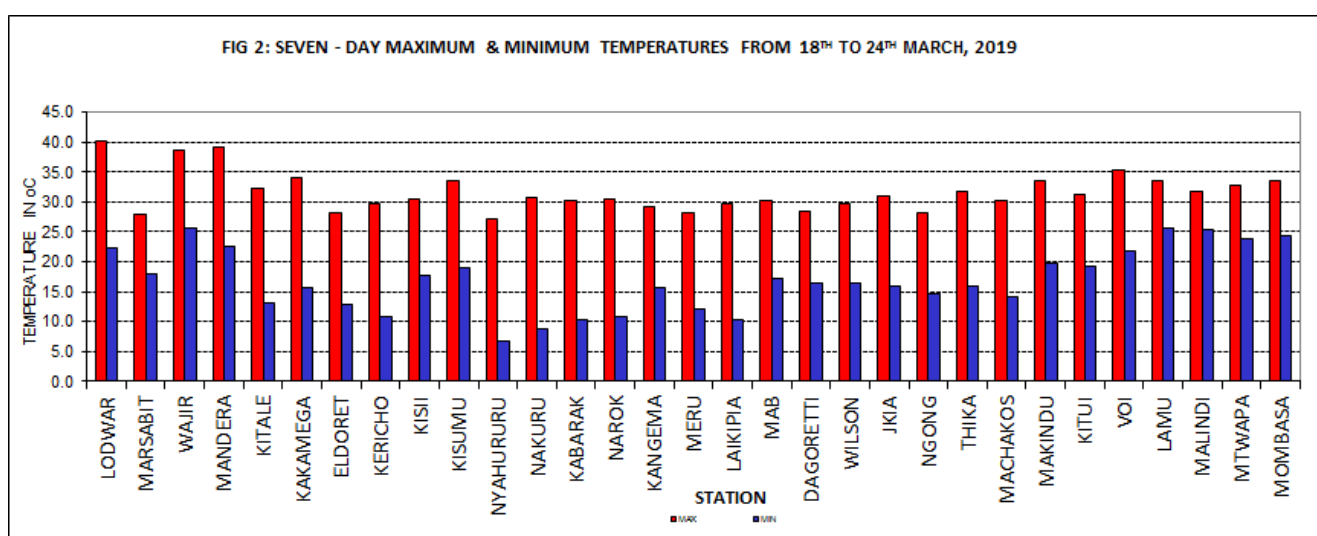
Kisii Meteorological Station recorded the highest seven-day total rainfall of 3.9mm. Other stations that received some rainfall during the review period are Nakuru Meteorological Station (1.4mm), and Moyale Meteorological Station (1.1mm) as depicted in **Figure 1**.



1.2 Temperature Review

Comparing the previous seven days (11th to 17th March, 2019) with the period under review (18th to 24th March, 2019) it is noted that day-time (maximum) temperatures increased over most parts of the country with the exception of a few areas including Marsabit and Wajir. Night-time (minimum) temperatures also increased over most parts of the country with the exception of a few areas including Laikipia, Nyahururu and Eldoret.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 40.5°C on 18th March, 2019 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.1°C on the same day. The same stations recorded the highest seven-day average maximum temperature of 40.2°C and the lowest seven-day average minimum temperature of 6.8°C respectively (see **Figure 2** below).



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 26TH MARCH TO 1ST APRIL, 2019.

The forecast for the next seven-day period indicates that:

- Rainfall is expected over several parts of the country during the forecast period;
- Parts of Northeastern Kenya are expected to receive heavy rainfall between Wednesday and Thursday.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 26TH MARCH TO 1ST APRIL, 2019.

The Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley (Counties of Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Trans Nzoia, Baringo, Uasin Gishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia) are likely to experience sunny intervals in the morning. Afternoon/evening showers and thunderstorms are expected over several places on Wednesday and Thursday and over few places on the other days.

Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience sunny conditions during the day and clear skies at night for much of the forecast period. However, morning rains are expected over few places on Wednesday, Thursday and Sunday.

Central Highlands (including Nairobi area) (Counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are likely to experience mainly sunny intervals in the morning although rains are expected on Wednesday and Thursday. Afternoon/evening showers are expected over few places from Wednesday to the end of the forecast period.

Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience morning rains over few places on Wednesday and over several places on Thursday. The remaining mornings are likely to be sunny. Afternoon/evening showers are expected over several places on Wednesday and over few places on Tuesday and Thursday. The remaining afternoons are likely to be sunny and the evenings partly cloudy.

Southeastern Lowlands (Counties of Kajiado, Kitui, Makueni, Machakos and Taita Taveta) are likely to experience sunny intervals in the morning throughout the forecast period although there is a likelihood of morning rains occurring over few places on Thursday. Light afternoon/evening showers are expected over few Wednesday to the end of the forecast period.

The Coastal Strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): is likely to experience sunny intervals during the day and partly cloudy skies at night for much of the forecast period. However, morning showers are likely to occur over few places on Wednesday and Thursday.

N.B: This forecast should be used in conjunction with the daily (24-hour) forecast issued by this Department.

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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