



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: 254 (0) 20 3867880-7, Fax: 254 (0) 20 3876955/3877373/3867888,
e-mail: director@meteo.go.ke, info@meteo.go.ke Website: <http://www.meteo.go.ke>

WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 12TH TO 18TH
FEBRUARY, 2019

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Review of weather for the last seven-day period (4th to 10th February 2019):

- Hot and dry weather conditions prevailed over most parts of the country.
- Day-time (maximum) and night-time (minimum) temperatures decreased and increased respectively over most stations.

Forecast for the next seven days (12th to 18th February 2019):

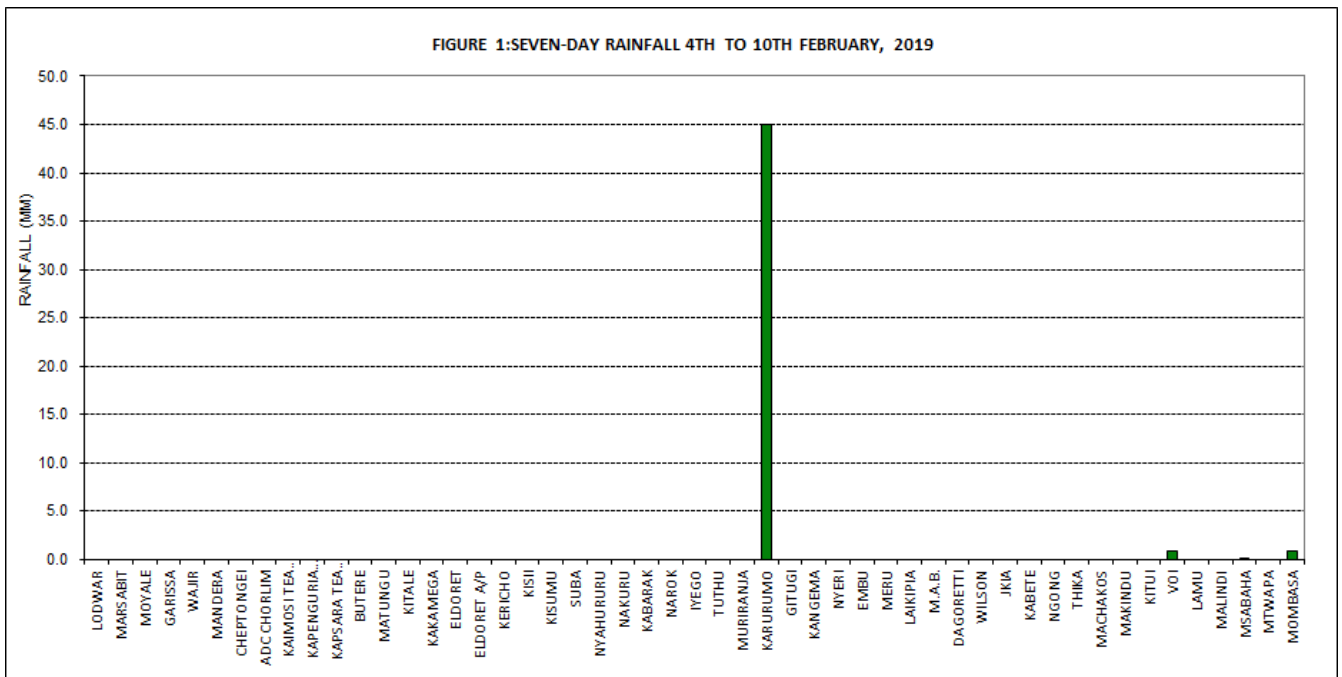
The forecast indicates that:

- Hot and dry weather conditions expected to continue over the entire country during the forecast period.

1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (4TH TO 10TH FEBRUARY 2019)

1.1 Rainfall Review

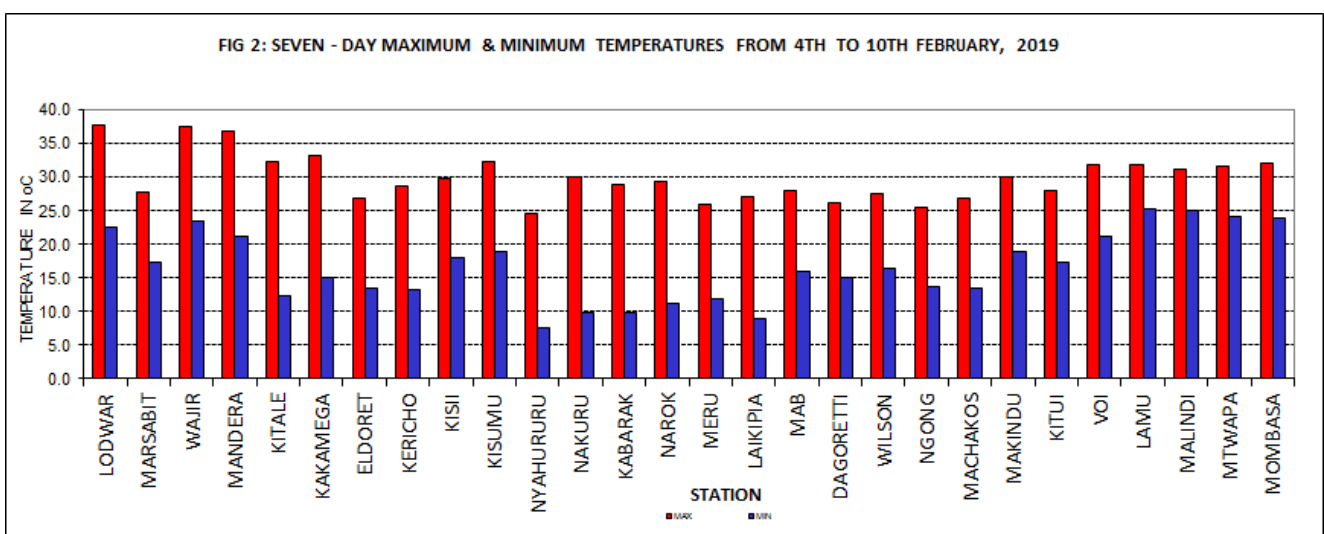
Hot and dry weather conditions were experienced over most parts of the country although there was an improvement in cloudiness (especially in the mornings) during the second half of the review period. A comparison between the previous seven days (28th January to 3rd February 2019) with the period under review (4th to 10th February 2019) indicates that the country remained mostly dry. However, Karurumo Rainfall Station (Murang'a County) recorded the highest seven-day total rainfall of 45.0mm. Voi Meteorological Station recorded 0.8mm while Mombasa Meteorological Station recorded 0.9mm as depicted in **Figure 1**.



1.2 Temperature Review

Comparing the previous seven days (28th January to 3rd February 2019) with the period under review (4th to 10th February 2019) it is noted that day-time (maximum) temperatures decreased over most parts of the Central Highlands, Nairobi and the Southeastern Lowlands. Night-time (minimum) temperatures generally increased over most parts of the country except over Machakos, Marsabit and Voi.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 38.5°C on 8th February 2019 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.7°C on 6th February 2019. The same stations recorded the highest seven-day average maximum temperature of 37.9°C and the lowest seven-day average minimum temperature of 7.6°C respectively (see **Figure2** below).



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 12TH TO 18TH FEBRUARY 2019.

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

- Hot and dry weather conditions expected to continue over the entire country during the forecast period.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 12TH TO 18TH FEBRUARY 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, UasinGishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia) are likely to experience sunny intervals during the day and partly cloudy conditions to at night throughout the forecast period. However there is a possibility of afternoon/evening showers and thunderstorms occurring over few places on Tuesday and between Thursday and Saturday.

Northwestern (Counties of Turkana, West Pokot and Samburu) are likely to experience sunny conditions during the day and partly cloudy to clear skies at night throughout the forecast period.

Central Highlands (including Nairobi area) (Counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are likely to experience sunny intervals during the day and partly cloudy to clear skies at night throughout the forecast period. However, there is a possibility of morning rains and afternoon showers occurring over few places on Friday and Saturday.

Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) are likely to experience sunny conditions during the day and partly cloudy to clear skies at night throughout the forecast period. However, there is a possibility of morning rains occurring over few places between Thursday and Saturday.

Southeastern Lowlands (Counties of Kajiado, Kitui, Makueni, Machakos and Taita Taveta) are likely to experience sunny conditions during the day and partly cloudy to clear skies at night throughout the forecast period. However, there is a possibility of afternoon showers occurring over few places on Friday and Saturday.

The Coastal Strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): are likely to experience sunny intervals during the day and partly cloudy conditions at night throughout the forecast period. However, there is a possibility of morning showers occurring over few places on Friday and Saturday.

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%

Stella Aura, MBS

Ag. DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT