



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 29TH
JANUARY TO 4TH FEBRUARY, 2019

Issue date: 28th January, 2019

Review of weather for the last seven-day period (21st to 27th January, 2019):

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

Forecast for the next seven days (29th January to 4th February, 2019):

The forecast indicates that:

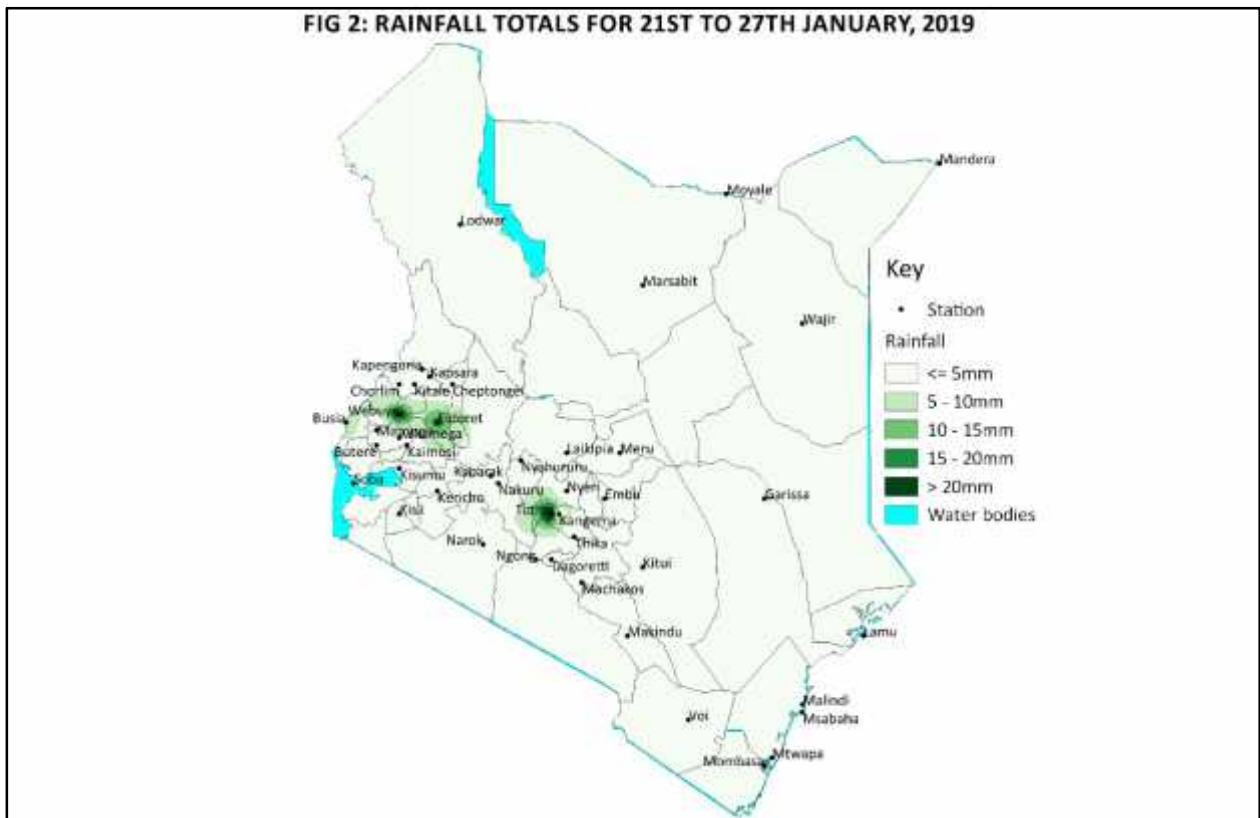
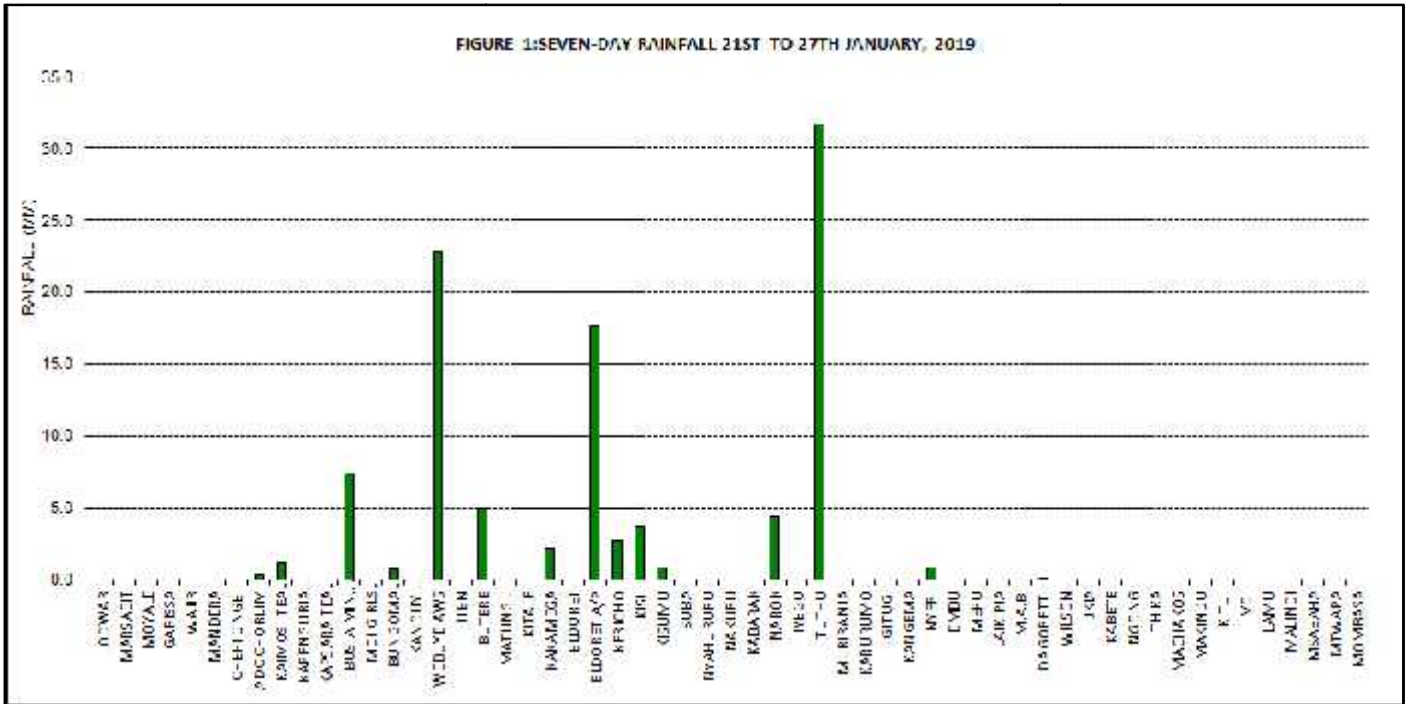
- Hot and dry weather conditions expected to continue over most parts of the country during the forecast period.

1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (21ST TO 27TH JANUARY, 2019)

1.1 Rainfall Review

Hot and dry weather conditions were experienced over most parts of the country. However, rainfall was recorded over few areas in the Central Highlands and Highlands West of the Rift Valley as depicted in **Figures 1** and **2**. A comparison between the previous seven days (14th to 20th January, 2019) with the period under review (21st to 27th January, 2019) indicates a significant decrease in rainfall amounts over most parts of the country.

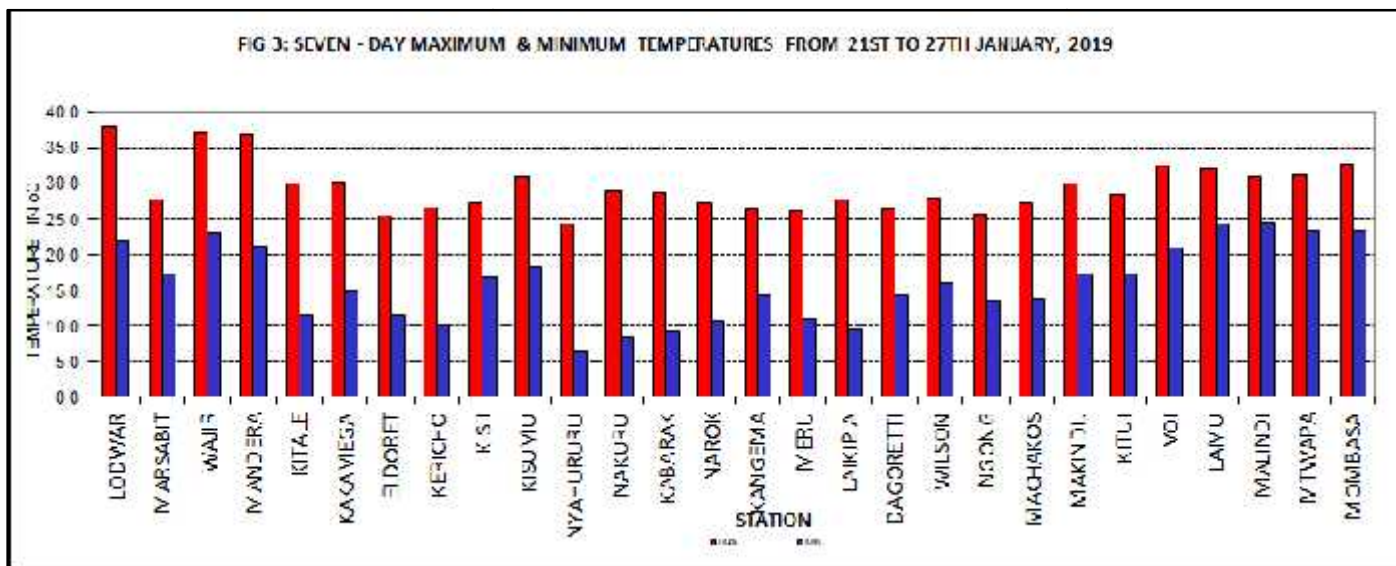
During the period under review, Tuthu Rainfall Station in Murang'a County recorded the highest seven-day total rainfall of 31.7mm followed by Webuye Automatic Weather Station in Bungoma County and Eldoret Airport Meteorological Station 17.6mm among other stations as depicted in **Figure 2**. Tuthu Rainfall Station in Murang'a County recorded the highest amount of rainfall within 24 hours i.e. 30.5mm on 21st January, 2019.



1.2 Temperature Review

Comparing the previous seven days (14th to 20th January, 2019) with the period under review (21st to 27th January, 2019) it is noted that day-time (maximum) temperatures increased over most stations with the exception of Marsabit, Mandera, Eldoret, Voi and Mtwapa. Night-time (minimum) temperatures decreased over most stations with the exception of Eldoret, Kisii, Kisumu, Ngong, Machakos and Malindi.

Lodwar Meteorological Stations recorded the highest daily maximum temperature of 39.1°C on 21st January, 2019 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 5.4°C on 25th January, 2019. The same stations recorded the highest seven-day average maximum temperature of 38.0°C and the lowest seven-day average minimum temperature of 6.4°C respectively (see Figure 3 below).



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 29TH JANUARY TO 4TH FEBRUARY, 2019.

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

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

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 29TH JANUARY TO 4TH 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, Uasin Gishu, 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 at night throughout the forecast period. However, occasional afternoon/evening showers and thunderstorms expected over few places.

Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience sunny conditions during the day and partly cloudy conditions 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 conditions at night throughout the forecast period. However, occasional afternoon showers expected over few places in high ground areas.

Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience sunny conditions during the day and partly cloudy conditions at night throughout the forecast period.

Southeastern Lowlands (Counties of Kajiado, Kitui, Makueni, Machakos and Taita Taveta) are likely to experience sunny conditions during the day and partly cloudy conditions at night throughout the forecast period.

The Coastal Strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): is likely to experiencesunny intervals during the day and partly cloudy conditions throughout the forecast period.

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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