



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY

KENYAMETEOROLOGICALDEPARTMENT

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

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

- A few parts of the country particularly in the Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley and the Central Highlands received rainfall.
- Both day-time (maximum) and night-time (minimum) temperatures increased over most parts of the country.

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

The forecast indicates that:

- Hot and dry weather conditions expected over most parts of the country.

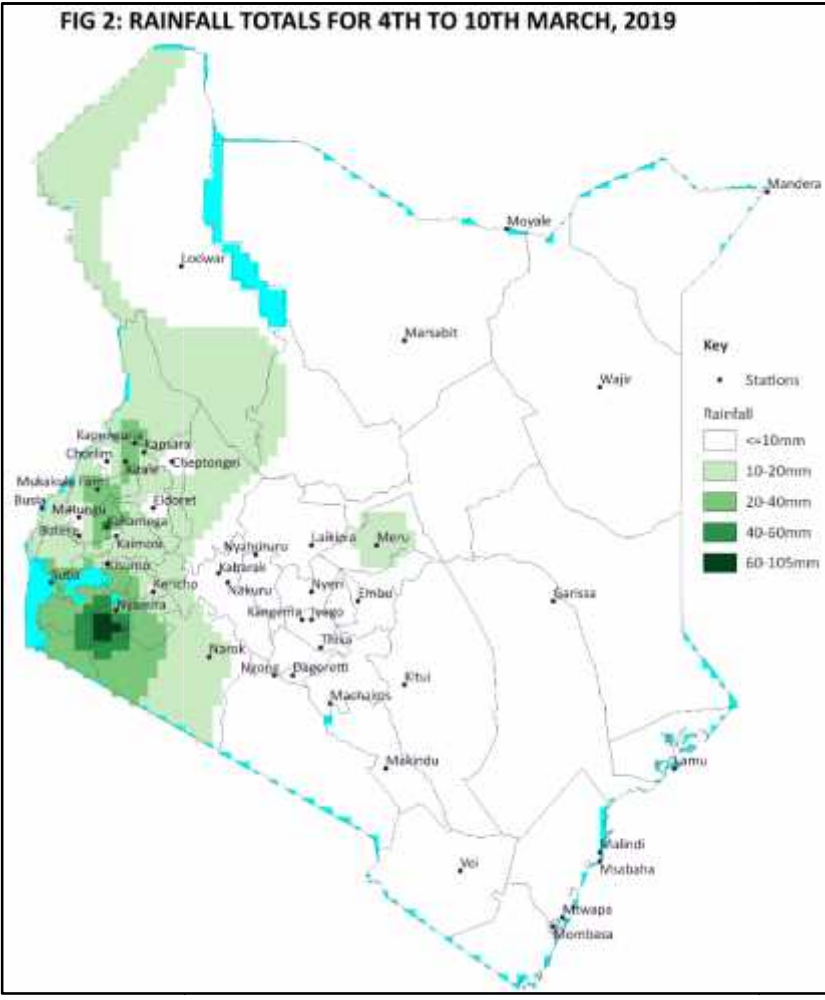
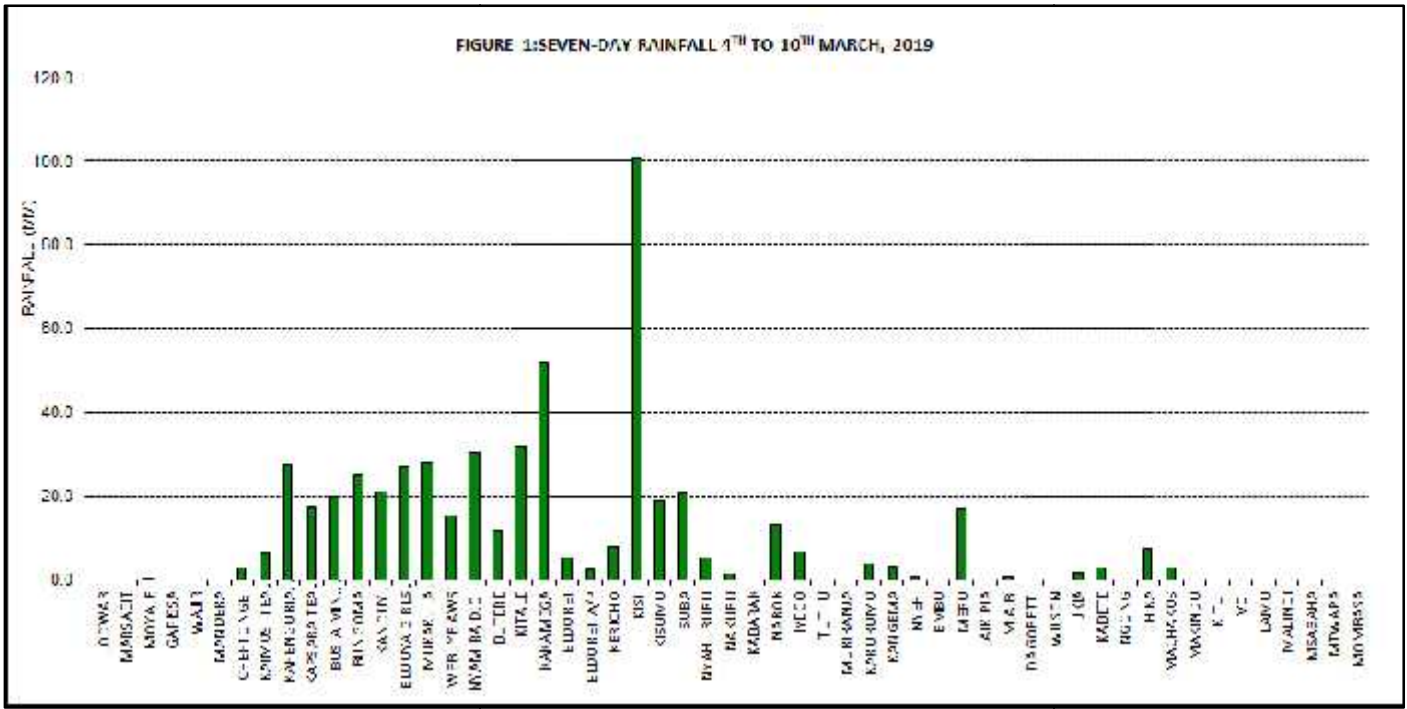
1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (4TH TO 10TH MARCH, 2019)

1.1 Rainfall Review

A few parts of the country particularly in the Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley and the Central Highlands received rainfall. However, a comparison between the previous seven days (25th February to 3rd March, 2019) with the period under review (4th to 10th March, 2019) indicates a slight increase in rainfall amounts over few parts.

Kisii Meteorological Station recorded the highest seven-day total rainfall of 101.0mm. Other stations that recorded significant seven-day totals include Kakamega Meteorological Station (51.8mm), Kitale Meteorological Station (31.8mm), Nyamira District Office in Nyamira County (30.4mm), Mukakula Farm in Bungoma County (28.0mm), Kapenguria Rainfall Station in West Pokot County (27.3mm), Suba Meteorological Station (20.8mm) and Busia Ministry of Water Offices (20.0mm) as depicted in **Figures 1 and 2**.

Kisii and Kakamega Meteorological Stations recorded heavy rainfall (20 - 50mm within 24 hours) of 44.0mm on 5th March, 2019 and 41.2mm on 7th March, 2019 respectively.

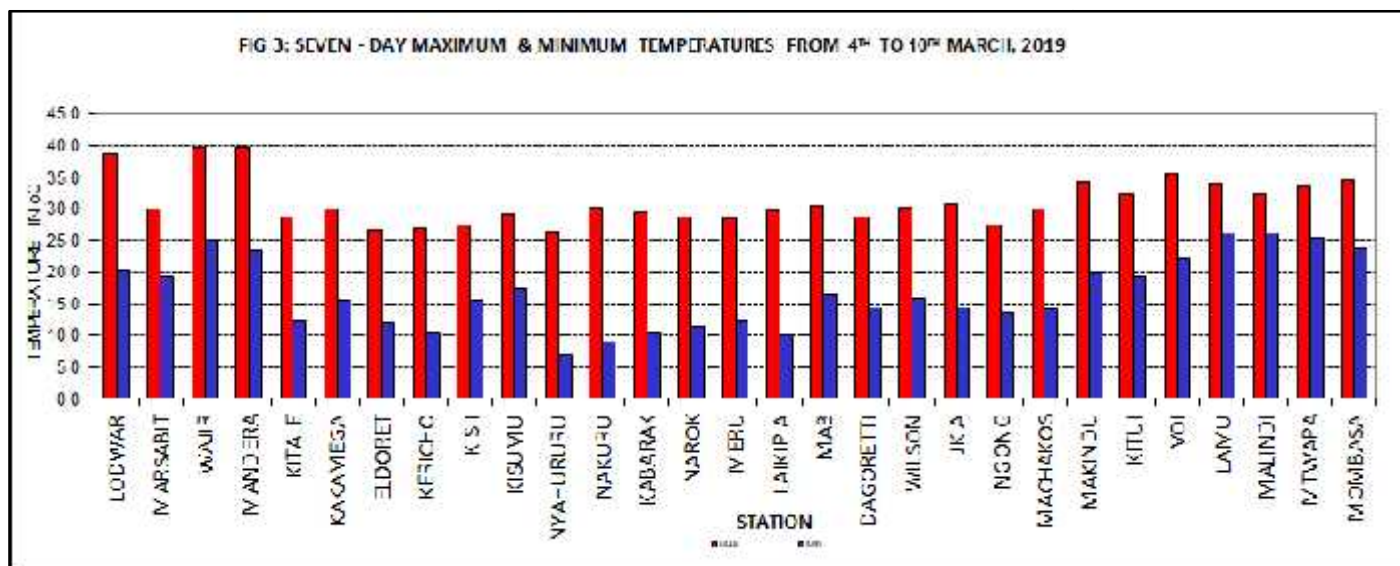


1.2 Temperature Review

Comparing the previous seven days (25th February to 3rd March, 2019) with the period under review (4th to 10th March, 2019) it is noted that day-time (maximum) temperatures generally increased over parts of the country with the exception of over a few areas namely: Lodwar, Kitale, Kisumu, Meru, JKIA, Machakos and Malindi. Night-time (minimum) temperatures generally increased over most parts of the

country with the exception of a few over areas namely: Lodwar, Kisii, Kisumu, MAB, JKIA and Mombasa.

Mandera Meteorological Station recorded the highest daily maximum temperature of 41.0°C on 9th March, 2019 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 5.8°C on 6th March, 2019. The same stations recorded the highest seven-day average maximum temperature of 39.7°C and the lowest seven-day average minimum temperature of 6.9°C respectively (see Figure 3 below).



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

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

- Hot and dry weather conditions expected over most parts of the country.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 12TH TO 18TH MARCH, 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 mainly sunny intervals during the day and partly cloudy conditions at night for much of the forecast period. However, afternoon/evening showers and thunderstorms over few places between Tuesday and Friday.

Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience sunny conditions during the day and 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 mainly sunny conditions during the day and partly cloudy to clear skies at night for much of the forecast period. However, there is a chance of afternoon showers over a few high ground areas between Tuesday and Friday.

Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience sunny conditions during the day and clear skies 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 clear skies at night throughout 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 to clear skies at night 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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