



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY  
KENYA METEOROLOGICAL DEPARTMENT

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 2<sup>ND</sup> TO 8<sup>TH</sup> JULY, 2019**

**Issue date: 1<sup>st</sup> July, 2019**

**Review of weather for the last seven-day period (24<sup>th</sup> to 30<sup>th</sup> June, 2019):**

- Significant rainfall was reported over the Lake Victoria Basin, the Highlands West of the Rift Valley, and the Central and South Rift Valley;
- There was a general decrease in rainfall amounts over most parts of the country;
- Both day-time (maximum) and night-time (minimum) temperatures increased over some areas and decreased over others.

**Forecast for the next seven days (2<sup>nd</sup> to 8<sup>th</sup> July, 2019):**

The forecast indicates that:

- Rainfall is expected to continue over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, and parts of the Central Highlands and the Northwest;
- Strong winds of greater than 25 knots expected over the Eastern half of the country with large waves over the ocean.
- Cool cloudy conditions are expected over the Central Highlands including Nairobi area. The first half of the forecast period is likely to be relatively cooler than the second half;

**1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (24<sup>TH</sup> TO 30<sup>TH</sup> JUNE, 2019)**

**1.1 Rainfall Review**

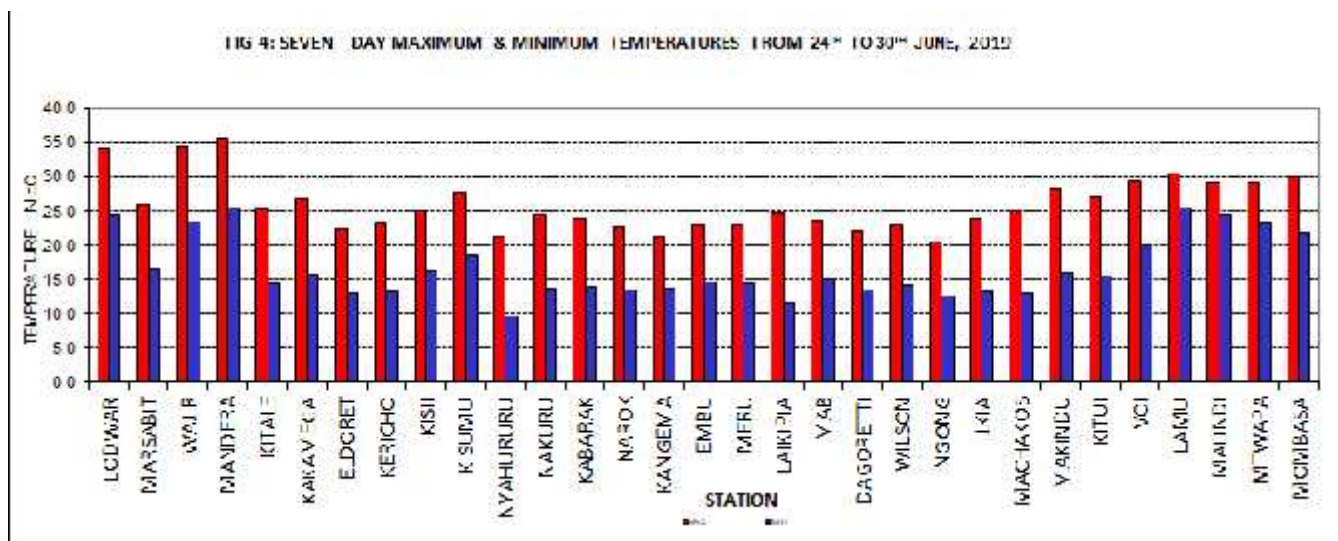
Significant rainfall was reported over the Lake Victoria Basin, the Highlands West of the Rift Valley, and the Central and South Rift Valley, as depicted in **Figure 1**. The Central Highlands, the Coast and the Northwest received light to moderate rainfall. The Northeast and the Southeast Lowlands remained mainly dry. A comparison between the previous seven days (17<sup>th</sup> to 23<sup>rd</sup> June, 2019) with the period under review (24<sup>th</sup> to 30<sup>th</sup> June, 2019) indicates a general reduction in rainfall amounts across the country although some stations in the Western Highlands and the Rift Valley recorded increases.

Katimok Kenya Forest Service Station in Baringo County recorded the highest seven-day total rainfall of 100.1mm. Other stations that recorded significant rainfall totals during the review period include ATC Koibatek in Baringo County (87.9mm), Kabarnet D.C's Office in Baringo County (86.1mm), Nakuru Meteorological Station (70.9mm), Kitale Meteorological Station (69.9mm), Kisii Meteorological Station



Comparing the previous seven days (17<sup>th</sup> to 23<sup>rd</sup> June, 2019) with the period under review (24<sup>th</sup> to 30<sup>th</sup> June, 2019) it is noted that day-time (maximum) temperatures increased over some stations like Mandera and Lamu and decreased over others like Lodwar and Voi. Night-time (minimum) temperatures also increased over some stations like Machakos and JKIA and decreased over other stations like Mtwapa and Kisumu.

Mandera Meteorological Station recorded the highest daily maximum temperature of 37.0°C on 30<sup>th</sup> June, 2019 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 8.3°C on 25<sup>th</sup> June, 2019. The same stations also recorded the highest seven-day average maximum temperature of 35.8°C and the lowest seven-day average minimum temperatures of 9.7°C respectively (see Figure 4 below).



## 2. FORECAST FOR THE NEXT SEVEN DAYS FROM 2<sup>ND</sup> TO 8<sup>TH</sup> JULY, 2019.

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

- Cool cloudy conditions are expected over the Central Highlands including Nairobi area. The first half of the forecast period is likely to be relatively cooler than the second half;
- Rainfall is expected to continue over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, and parts of the Central Highlands and the Northwest;
- Strong winds of greater than 25 knots expected over the Eastern half of the country with large waves over the ocean.

### DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 2<sup>ND</sup> TO 8<sup>TH</sup> JULY, 2019.

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

**Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience mainly sunny intervals during the day and partly cloudy conditions at night much of the forecast period. However morning rains expected over few places on Wednesday and Sunday. Afternoon/evening showers and thunderstorms are expected over few places on Tuesday.**

**Central Highlands (including Nairobi area)** (Counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are likely to experience cool cloudy mornings (with occasional rains over few places) breaking into sunny intervals throughout the forecast period. Afternoon/evening showers are expected over few places throughout the forecast period.

**Northeastern** (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience sunny intervals 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 morning cloudiness giving way to sunny intervals for the rest of the day throughout the forecast period. Nights are expected to be partly cloudy.

**The Coastal Strip** (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): is likely to experience sunny intervals during the day and partly cloudy conditions at night throughout the forecast period. Light morning showers are expected over few places on Tuesday 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%

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