



REPUBLIC OF KENYA  
**MINISTRY OF ENVIRONMENT, NATURAL RESOURCES &  
 REGIONAL DEVELOPMENT AUTHORITIES**  
**KENYA METEOROLOGICAL DEPARTMENT**

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 7<sup>TH</sup>  
 TO 13<sup>TH</sup> JUNE, 2016**

Issue Date: 06/06/2016

**Review of weather for the last seven-day  
 period 30<sup>th</sup> May to 5<sup>th</sup> June, 2016):**

- Few areas within Western and Central Kenya recorded significant rainfall amounts;
- There was a general decrease in rainfall amounts over most parts of the country;
- Day-time temperatures increased throughout the country
- Night-time temperatures decreased over most of the country and increased over few stations

**Forecast for the next seven days (7<sup>th</sup> to  
 13<sup>th</sup> June, 2016):**

The forecast indicates that:

- The Western parts of the country are likely to continue receiving rainfall while the rest of the country may remain mainly dry;
- Cool conditions are likely to continue over several parts of the country.

**1. Weather Review for the last seven days 30<sup>th</sup> May to 5<sup>th</sup> June, 2016**

**1.1 Rainfall Review**

Few areas within Western and Central Kenya recorded significant rainfall amounts (See Fig 1). There was a general decline in rainfall amounts and intensities over most parts of the country (this is in comparison to the previous review period).

Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (30<sup>th</sup> May to 5<sup>th</sup> June, 2016). During this review period, Kapkenduyo Secondary rainfall Station recorded the highest seven-day total of 60.5mm as well as the highest amount of rainfall in 24 hours (44.0mm on 30<sup>th</sup> May, 2016). Figure 3 depicts areas that received heavy rainfall (>20mm/24hrs during the review period).

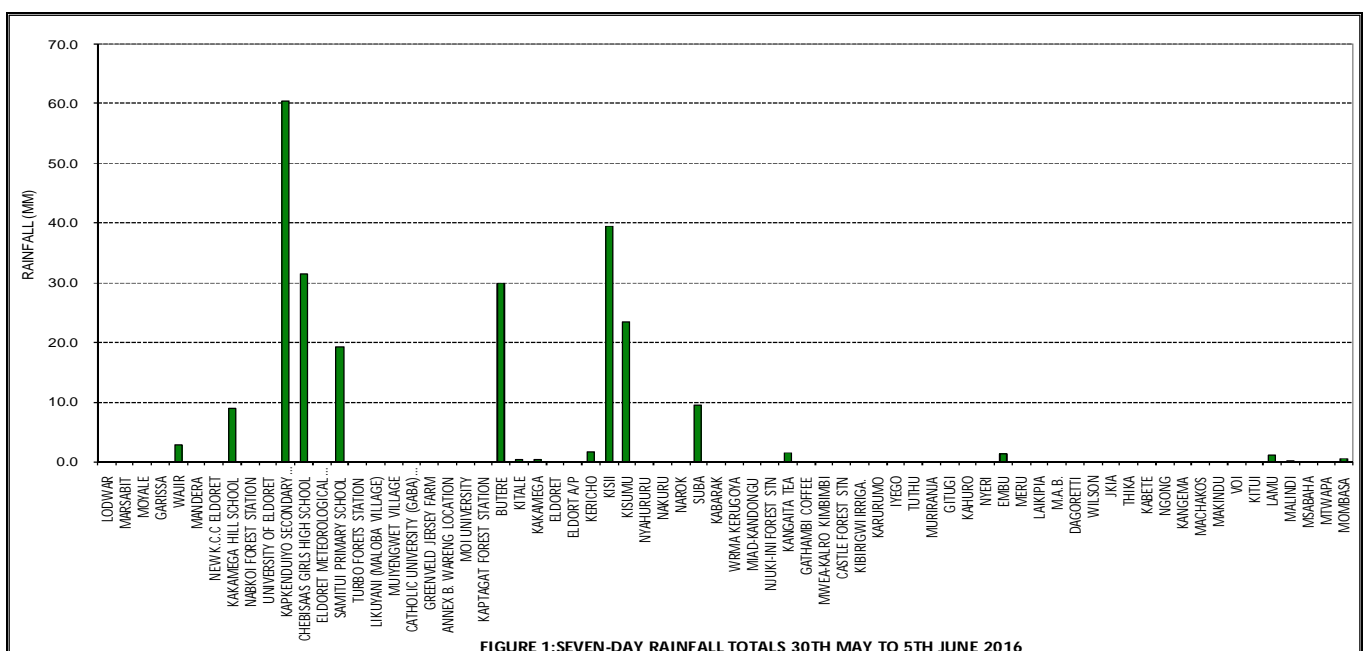


FIGURE 1:SEVEN-DAY RAINFALL TOTALS 30TH MAY TO 5TH JUNE 2016

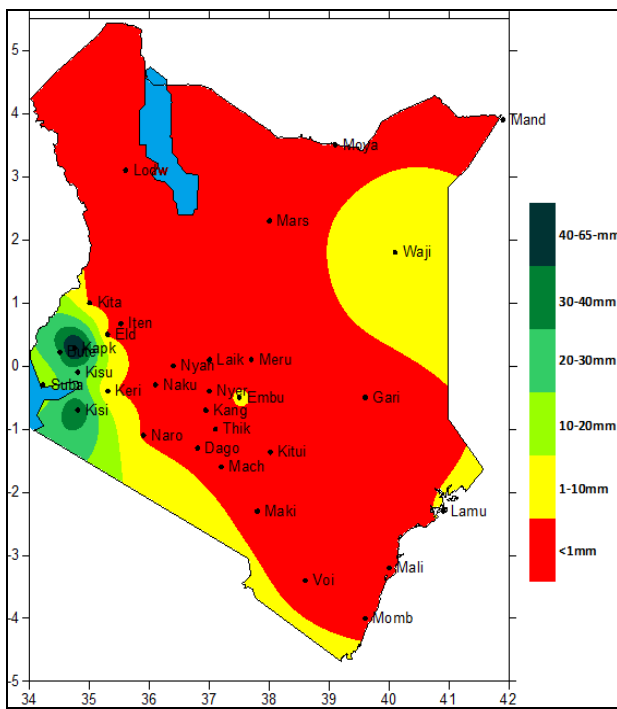


Fig 2: Spatial map of rainfall totals for 30<sup>th</sup> May to 5<sup>th</sup> June, 2016.

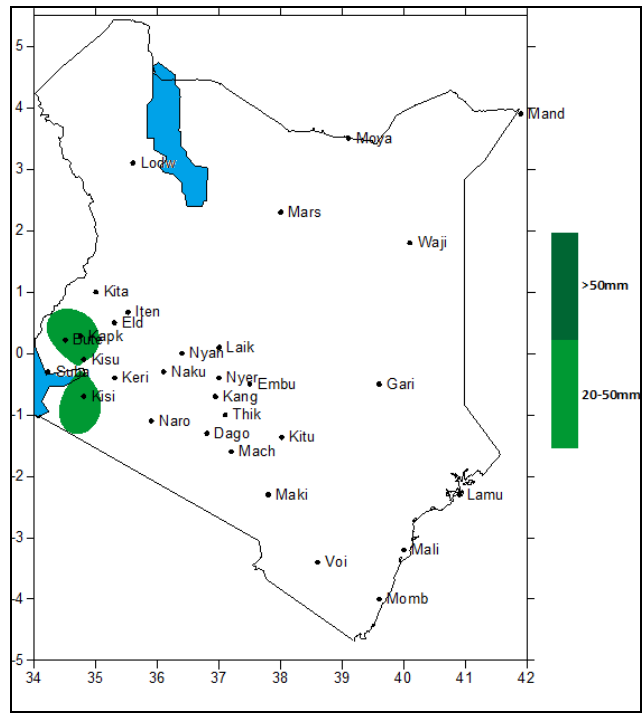


Fig 3: Spatial map of heavy rainfall

## 1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout the country while night-time (minimum) temperatures decreased over most of the country and increased over few stations mainly in the Coast and parts of the North.

Mandera Meteorological Station recorded the highest daily maximum temperature of 37.0°C on both 31<sup>st</sup> May and 1<sup>st</sup> June, 2016 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.2°C on 5<sup>th</sup> June. The same stations recorded the highest seven-day average maximum temperature of 36.5°C and the lowest seven-day average minimum temperature of 5.1°C respectively. (See Figure 4 below)

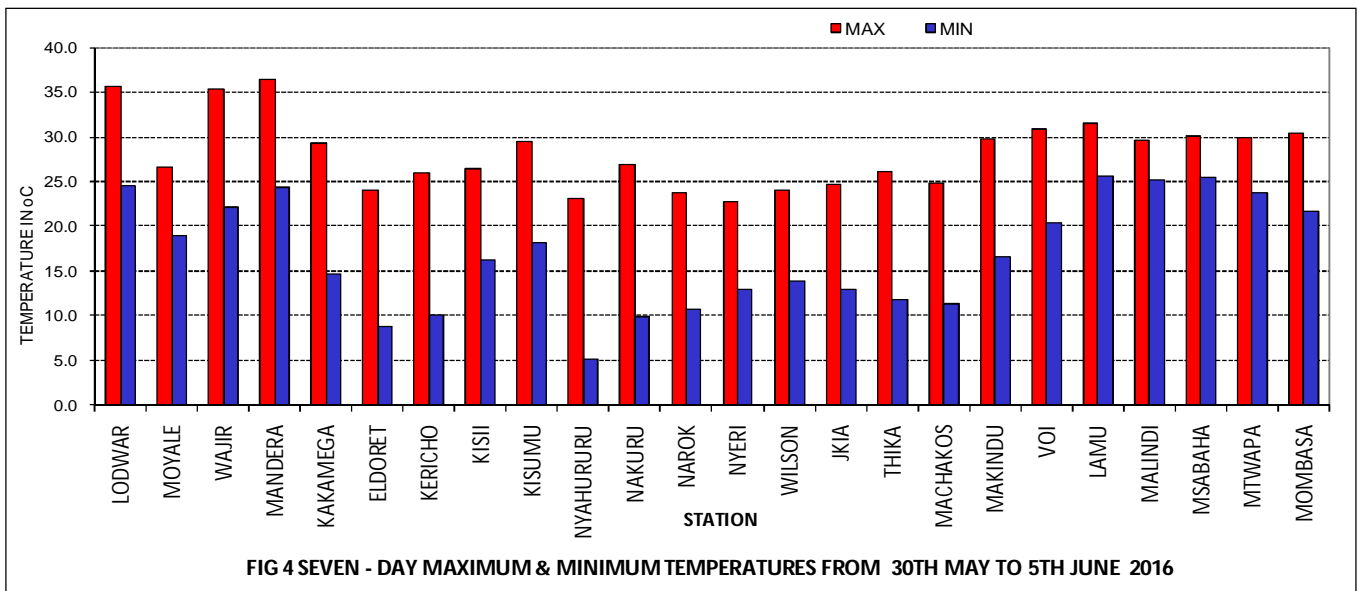


FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 30TH MAY TO 5TH JUNE 2016

## 2. FORECAST FOR THE NEXT SEVEN DAYS FROM 7<sup>TH</sup> TO 13<sup>TH</sup> JUNE, 2016

The forecast indicates that:

- The Western parts of the country are likely to continue receiving rainfall while the rest of the country may remain mainly dry;
- Cool conditions are likely to continue over several parts of the country.

### DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 7<sup>TH</sup> TO 13<sup>TH</sup> JUNE, 2016

**The Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley (counties of Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Transzoia, Baringo, Uasingishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Narok, Kajiado, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia)** are expected to experience sunny intervals in the morning and afternoon showers and thunderstorms over few places throughout the forecast period;

**Northwestern (counties of Turkana, West Pokot and Samburu)** are expected to experience sunny intervals in the entire day throughout the forecast period;

**Central Highlands including, Nairobi area (counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka)** are expected to experience cool cloudy mornings and showers over few place in the afternoon especially over high ground areas. Sunny intervals are however expected throughout the rest of the regions;

**Northeastern (counties of Marsabit, Mandera, Wajir, Garissa and Isiolo)** are expected to experience sunny intervals the whole day throughout the forecast period;

**Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta)** are expected to experience cloudy mornings giving way to sunny intervals in the afternoon throughout the forecast period;

**The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale)** are expected to experience morning showers over few places and sunny intervals in the afternoon from Tuesday to Friday. Saturday to Monday are expected to experience sunny intervals the whole day.

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

### KEY OF SCIENTIFIC WORDS USED

**Most Places:** Between 66% and 100%

**Several Places:** Between 33% and 66%

**Few Places:** Between 0 and 33%

#### *Rainfall categories*

Range	Category
<5 mm	Light
5 - 20mm	Moderate
20 - 50mm	Heavy
>50mm	Very heavy

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