



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

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID
 14TH TO 20TH JUNE, 2016**

Issue Date: 13/06/2016

Review of weather for the last seven-day period 6th to 12th June, 2016):

- Few areas within Western, Central and Coastal Kenya recorded rainfall within the review period.
- There was a general increase in rainfall amounts over most parts of the country;
- Day-time (maximum) temperatures decreased throughout the country except over Kisii and Kisumu
- Night-time (minimum) temperatures decreased over some parts of the country and increased over others.

Forecast for the next seven days (14th to 20th 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 generally dry;
- Cool conditions are likely to continue over several parts of the country.

1. Weather Review for the last seven days 6th to 12th June, 2016

1.1 Rainfall Review

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

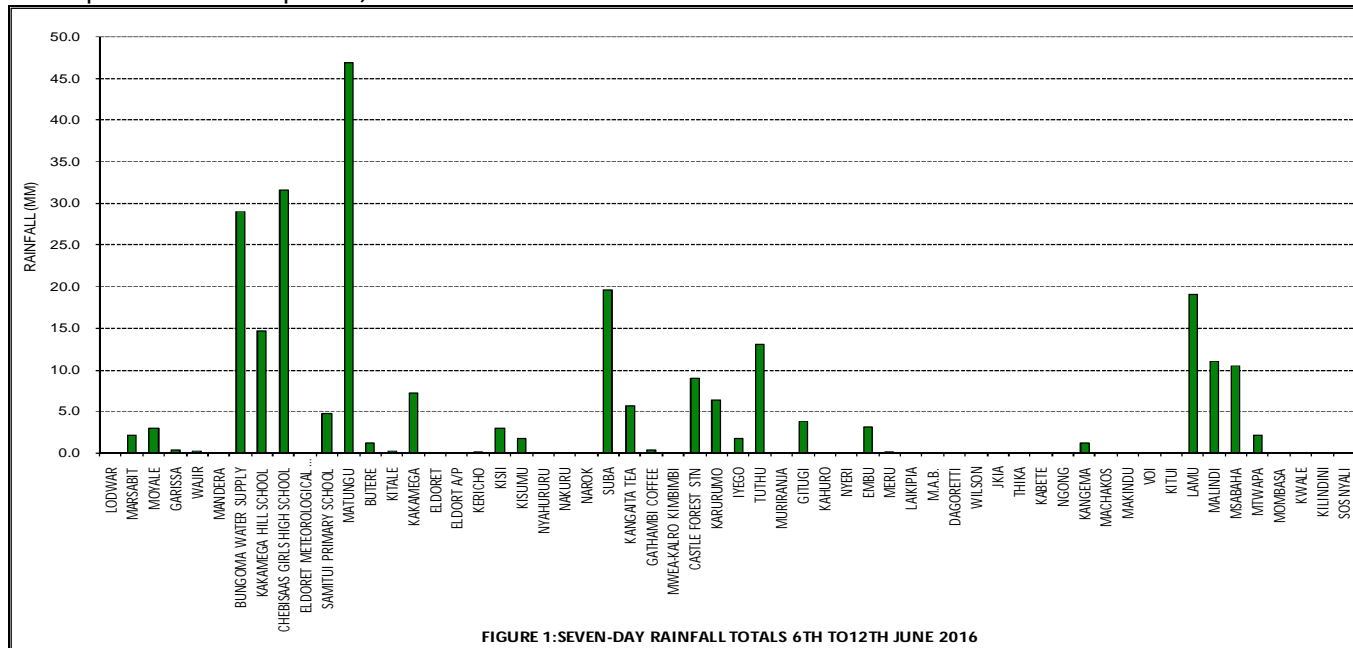


FIGURE 1:SEVEN-DAY RAINFALL TOTALS 6TH TO12TH JUNE 2016

Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (6th to 12th June, 2016). During this review period, Matungu rainfall Station in Western Kenya recorded the highest seven-day total of 46.8mm while Chebisaa's Girls high school recorded the highest amount of rainfall in 24 hours (31.6mm on 10th). Figure 3 depicts areas that received heavy rainfall (>20mm/24hrs during the review period).

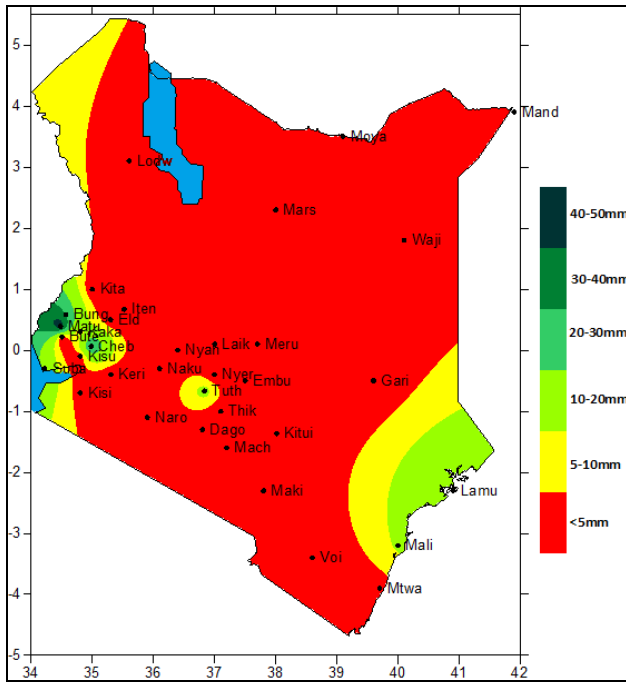


Fig 2: Spatial map of rainfall totals for 6th to 12th June, 2016.

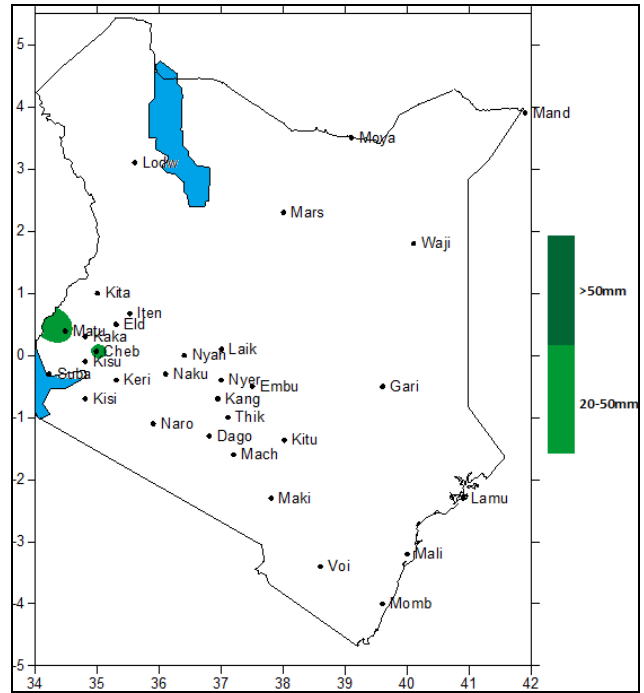


Fig 3: Spatial map of heavy rainfall

1.2 Temperature

During the review period, day-time (maximum) temperatures decreased throughout the country except over Kisii and Kisumu while night-time (minimum) temperatures decreased over some parts of the country and increased over others.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 36.3°C on 7th June while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.0°C on 6th June. The same stations recorded the highest seven-day average maximum temperature of 35.5°C and the lowest seven-day average minimum temperature of 5.4°C respectively. (See Figure 4 below)

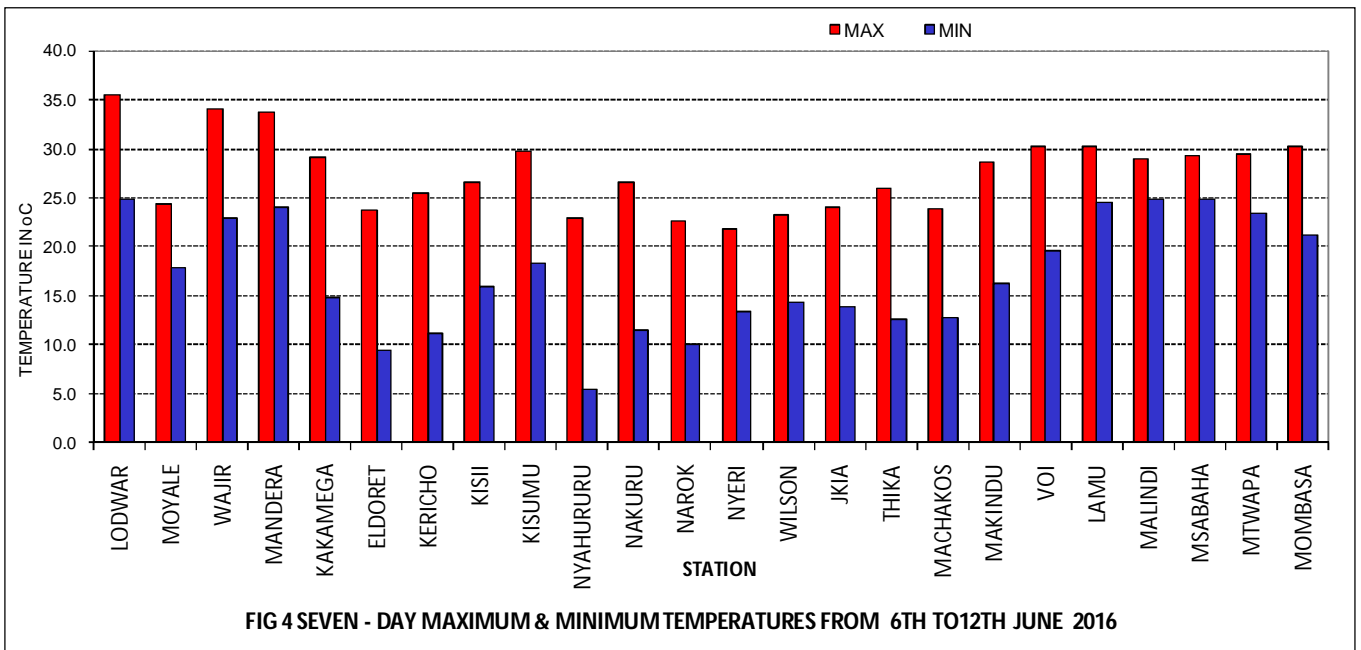


FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 6TH TO 12TH JUNE 2016

2. FORECAST FOR THE NEXT SEVEN DAYS FROM 14TH TO 20TH 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 14TH TO 20TH 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 throughout the forecast period. Afternoon showers over few places are expected from Thursday to the end of the forecast period;

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 cool cloudy mornings throughout the forecast period. Afternoon showers over few places are expected from Thursday to the end of 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 throughout the forecast period. Tuesday is however 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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