



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
 2ND TO 8TH AUG, 2016**

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Review of weather for the last seven-day period 25th to 31st July, 2016):

- Parts of Western, Rift Valley, highlands east of the Rift Valley and Coast received rainfall
- There was a decrease over most areas and an increase over fewer others.
- Day-time temperatures increased throughout most parts of the country but decreased over few areas mainly over the Coast and parts of Highlands west of the rift valley.
- Night-time temperatures likewise increased throughout most parts of the country except over parts of Coast.

Forecast for the next seven days (2nd to 8th Aug, 2016):

The forecast indicates that:

- Areas within the Rift Valley, Western and parts of the Central Highlands and the Coast are expected to receive rainfall towards the end of the forecast period
- Temperatures are expected to continue being relatively warmer.

1. Weather Review for the last seven days 25th to 31st July, 2016

1.1 Rainfall Review

Parts of Western, Rift Valley, highlands east of the Rift Valley and Coast received rainfall during the review period as depicted in **Fig 1**. Compared to the previous seven-day period, there was a decrease over most areas and an increase over fewer others.

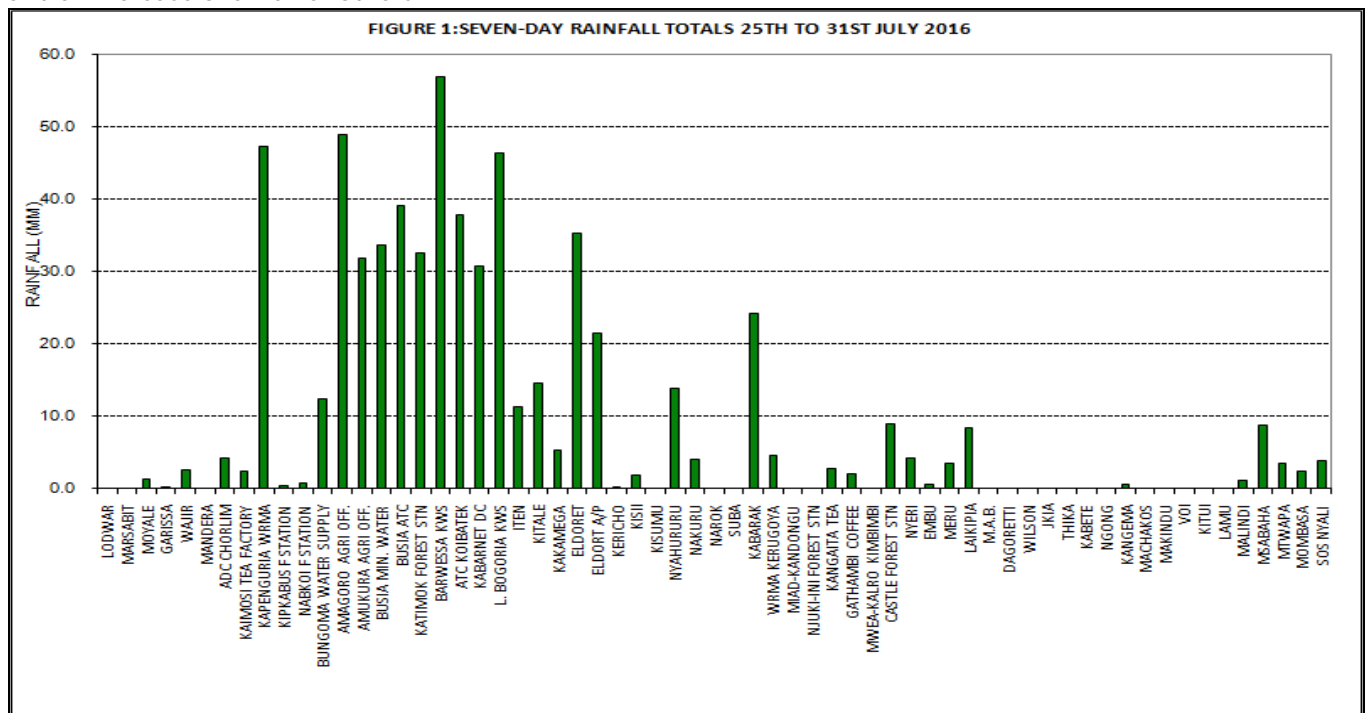


Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (25th to 31st July, 2016). During this period, Kakamega Meteorological Station in the Rift Valley recorded the highest seven-day total of 88.8mm with 75.6mm being recorded on 21st the highest amount of rainfall in 24hrs.

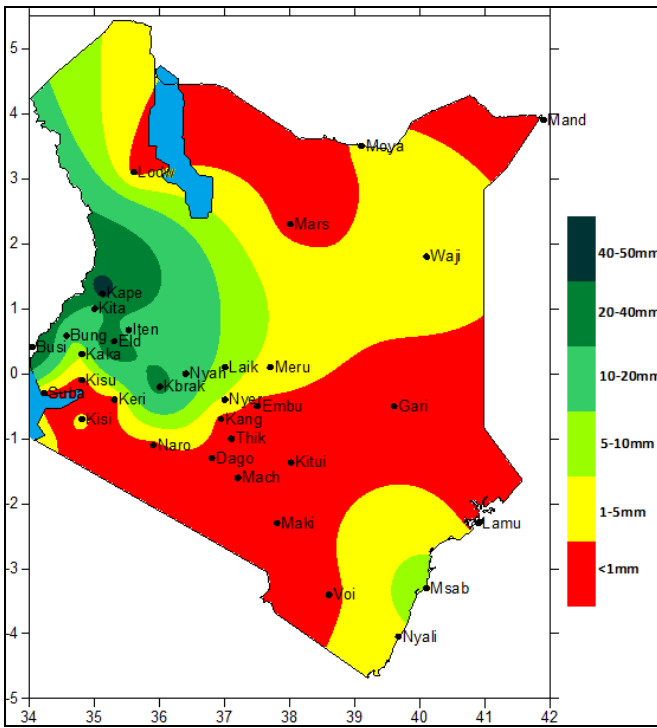


Fig 2: Spatial map of rainfall totals.

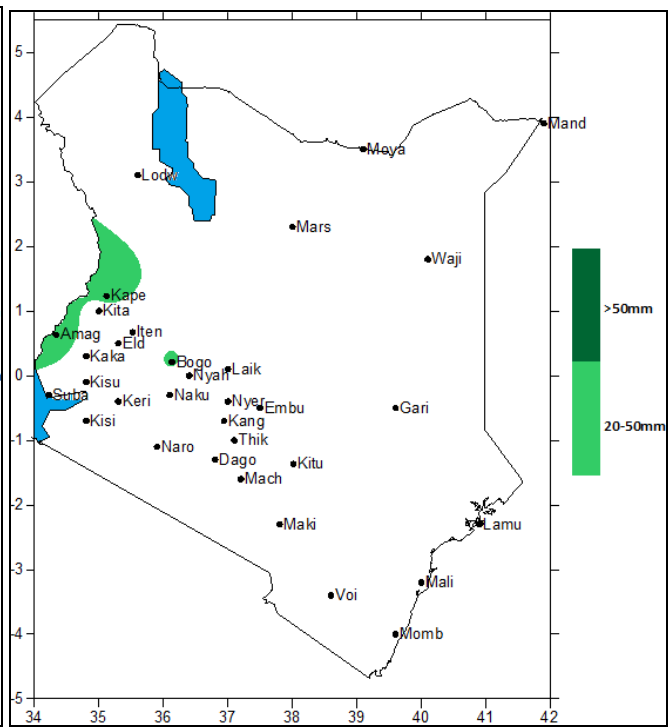
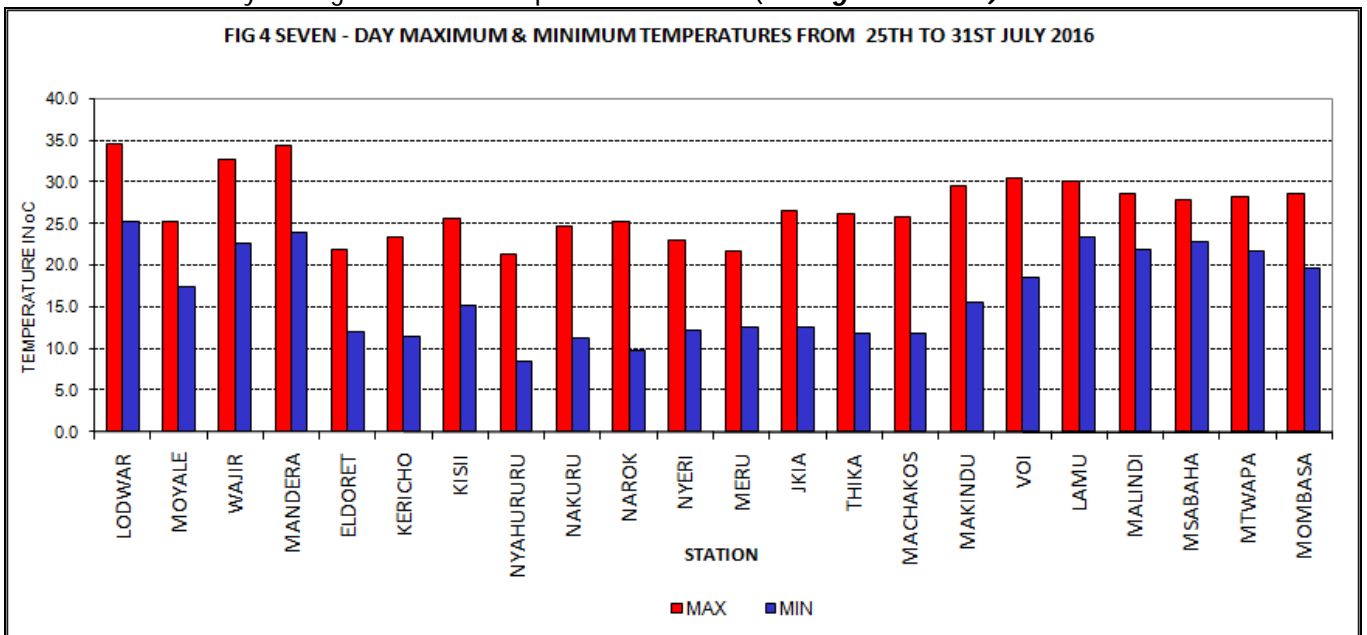


Fig 3: Spatial map of areas that received more than 20mm of rainfall within 24 hours.

1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout most parts of the country but decreased over few areas mainly over the Coast and parts of Highlands west of the rift valley. Night-time (minimum) temperatures likewise increased throughout most parts of the country except over parts of Coast.

Mandera Meteorological Station recorded the highest daily maximum temperature of 35.6°C on 25th July while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.0°C on 27th July. Lodwar recorded the highest seven-day average maximum temperature of 34.6°C while Nyahururu recorded the lowest seven-day average minimum temperature of 8.4°C. (See Figure 4 below)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 2ND TO 8TH AUG, 2016

The forecast indicates that:

- Areas within the Rift Valley, Western and parts of the Central Highlands and the Coast are expected to receive rainfall towards the end of the forecast period;
- Temperatures are expected to continue being relatively warmer.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 2ND TO 8TH AUG, 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 the entire day for much of the forecast period. Afternoon showers and thunderstorms over few places are expected on Tuesday then from Saturday to Monday;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience sunny intervals in the morning throughout the forecast period. Afternoon/evening showers and thunderstorms over few places are likely throughout the forecast period on the Kenya-Uganda and Kenya-South Sudan borders;

Central Highlands including, Nairobi area (counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are expected to experience sunny intervals the entire day for much of the forecast period. Afternoon showers over few places are expected from Saturday to Monday;

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 sunny intervals the entire day for much of the forecast period. Afternoon showers over few places are expected on Sunday to Monday;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience sunny intervals the entire day for much of the forecast period. Morning showers over few places are likely on Saturday to Monday.

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

P. NYING'URO

FOR THE DIRECTOR OF KENYA METEOROLOGICAL SERVICES.