



REPUBLIC OF KENYA
**MINISTRY OF ENVIRONMENT, NATURAL RESOURCES &
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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID
 26TH JULY TO 1ST AUG, 2016**

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Review of weather for the last seven-day period 18th to 24th July, 2016):

- Parts of Western, Rift Valley, highlands east of the Rift Valley and Coast received rainfall
- There was an increase over some areas and a decrease over others;
- Day-time (maximum) temperatures increased throughout the country.
- Night-time (minimum) temperatures on the other hand generally decreased over much of the country with the exception of Lodwar, parts of Coast and the Northeast

Forecast for the next seven days (26th July to 1st 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;
- Temperatures are expected to be relatively warmer.

1. Weather Review for the last seven days 18th to 24th 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 an increase over some areas and a decrease over others.

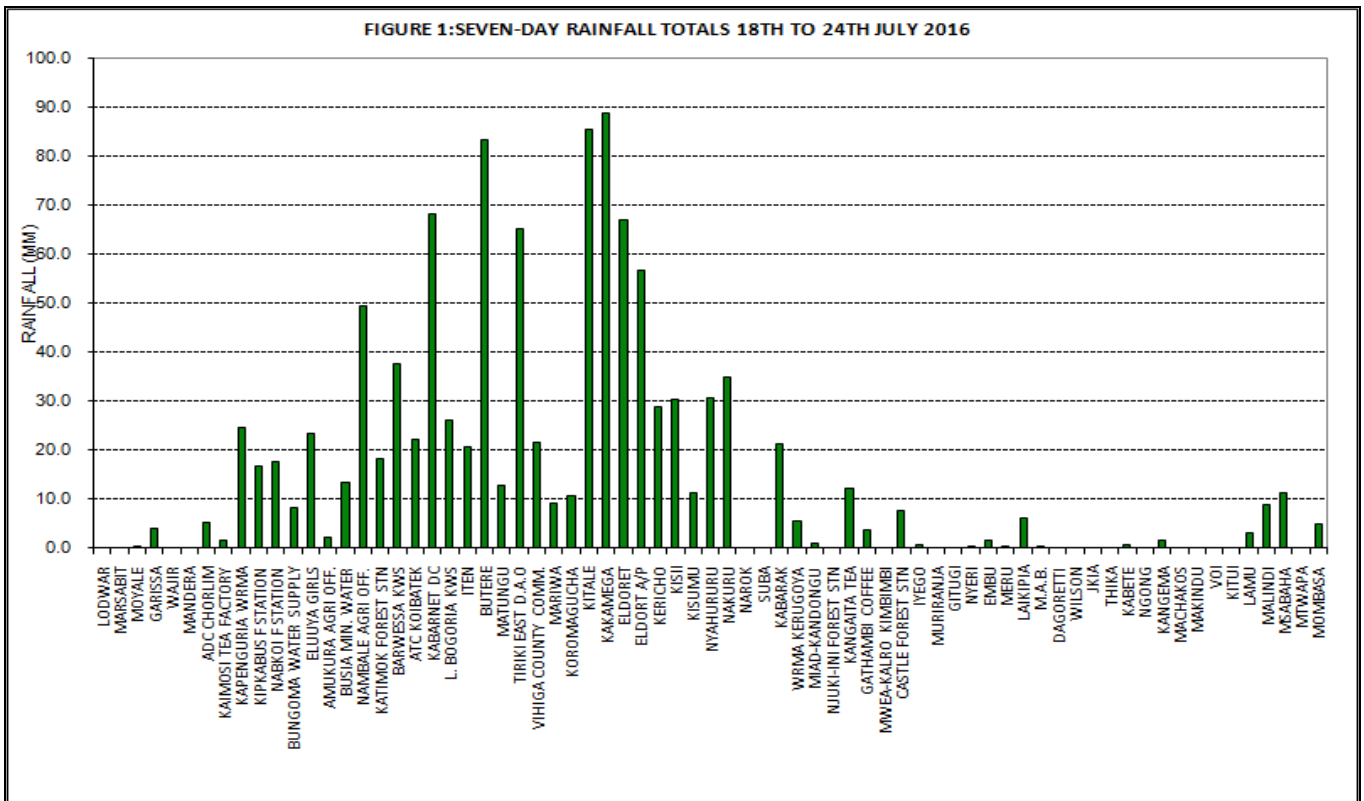


Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (18th to 24th July, 2016). During this period, Kakamega Meteorological Station in the Rift Valley recorded the highest seven-day total of 88.8mm with 75.6mm being recorded on 21st the highest amount of rainfall in 24hrs.

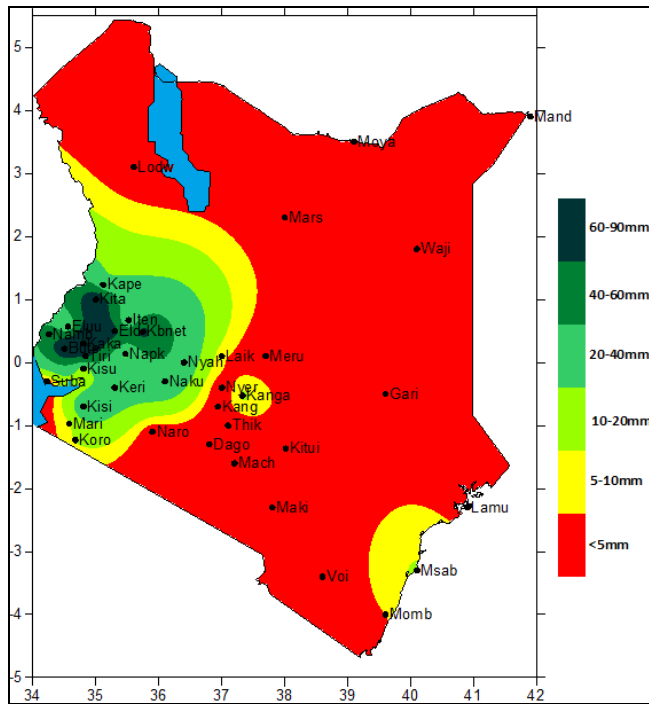


Fig 2: Spatial map of rainfall totals for 18th to 24th July, 2016.

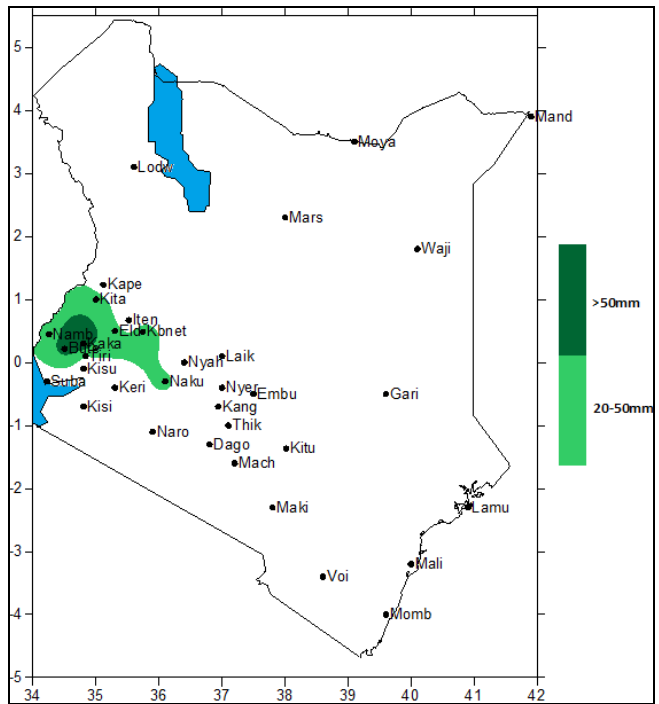
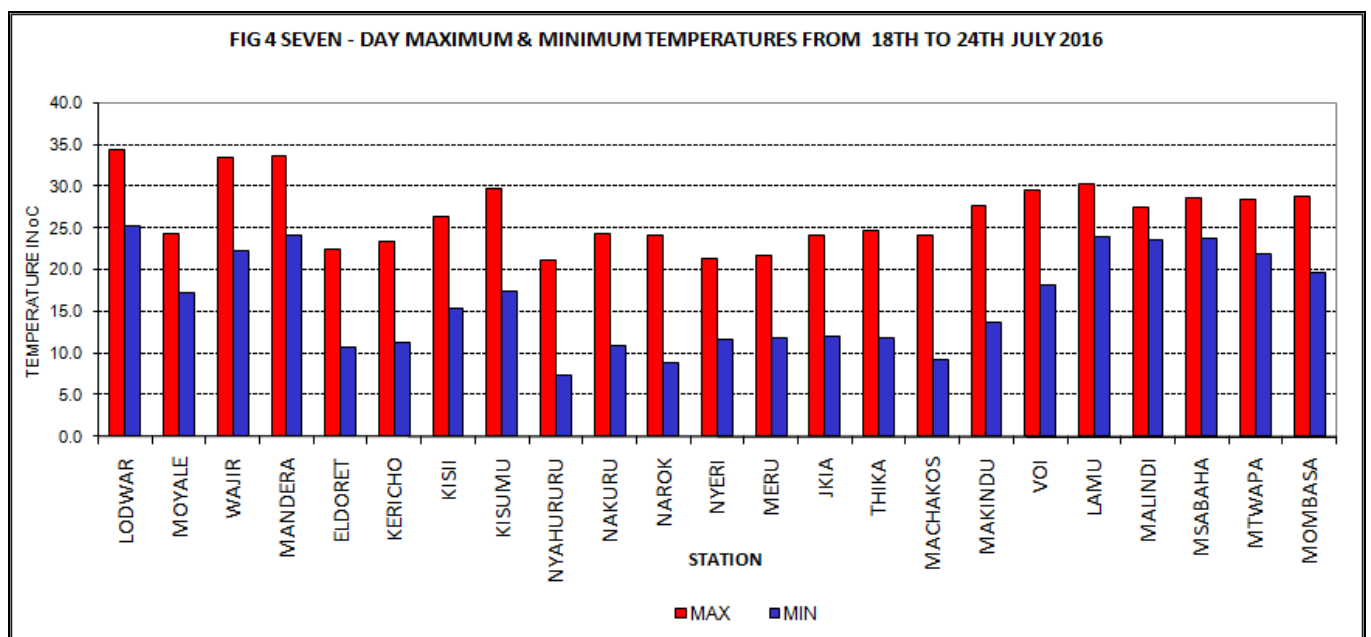


Fig 3: Spatial map of areas that received more than 20mm of rainfall within 24 hours.

1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout the country. Night-time (minimum) temperatures on the other hand generally decreased over much of the country with the exception of Lodwar, parts of Coast and the Northeast.

Mandera Meteorological Station recorded the highest daily maximum temperature of 35.5°C on 23rd July while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 5.5°C on the same day. Lodwar recorded the highest seven-day average maximum temperature of 34.4°C while Nyahururu recorded the lowest seven-day average minimum temperature of 7.3°C. (See Figure 4 below)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 26TH JULY TO 1ST 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 on some days within the forecast period;
- Temperatures are expected to be relatively warmer.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 26TH JULY TO 1ST 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 light rains in the morning over few places and afternoon/evening 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 morning throughout the forecast period. Afternoon/evening showers and thunderstorms over few places are likely from Thursday to the end of 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 cloudy mornings and afternoon showers over few high ground areas for much 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. Saturday morning however expected to experience rain over areas bordering Ethiopia;

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

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 Tuesday and Friday.

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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