



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 30TH AUG TO 5TH SEPT, 2016

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Review of weather for the last seven-day period 22nd to 28th August 2016):

- *Parts of Western, Coast and Highlands East of the country received rainfall during the review period*
- *Compared to the previous seven-day period, there were increases in some areas and decrease over others.*
- *Day-time temperatures generally increased throughout most parts of the country but decreased in fewer areas.*
- *Night-time temperatures generally decreased over most parts of the country but increased over parts of Coast and Highlands West*

Forecast for the next seven days (30th Aug to 5th Sept, 2016):

The forecast indicates that:

- *Areas within the Rift Valley, Western, North East and the Coast are expected to receive rainfall during the forecast period;*
- *Temperatures are expected to be generally warm throughout the forecast period.*

1. Weather Review for the last seven days 22nd to 28th August, 2016

1.1 Rainfall Review

Parts of Western, Coast and Highlands East of the country received rainfall during the review period as depicted in **Fig 1**. Compared to the previous seven-day period, there were increases in some areas and decrease over others.

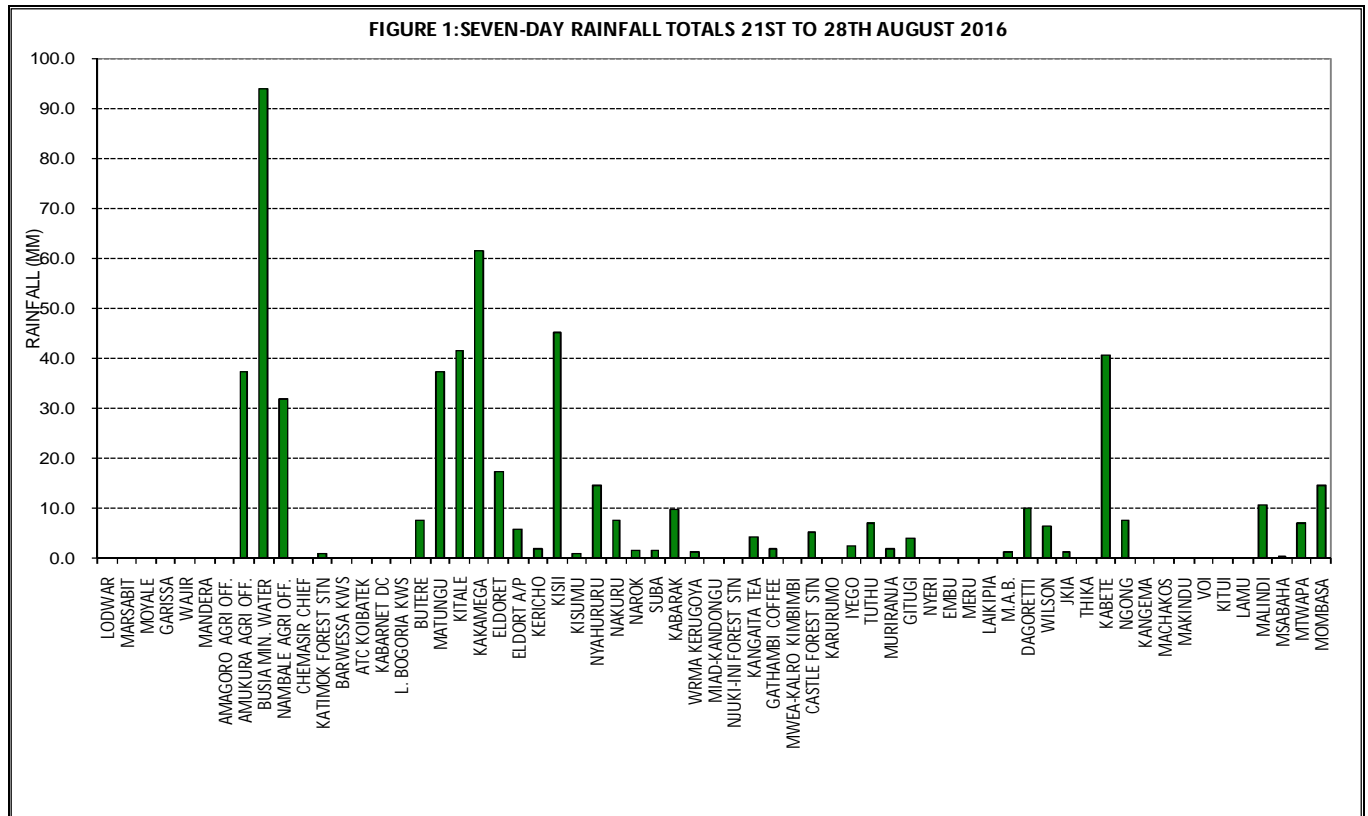


Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period. (22nd to 28th August, 2016). During this period, Busia Ministry of Water station recorded the highest seven-day total of 93.8mm and the highest rainfall amount in 24hrs of 36.2mm on 25th.

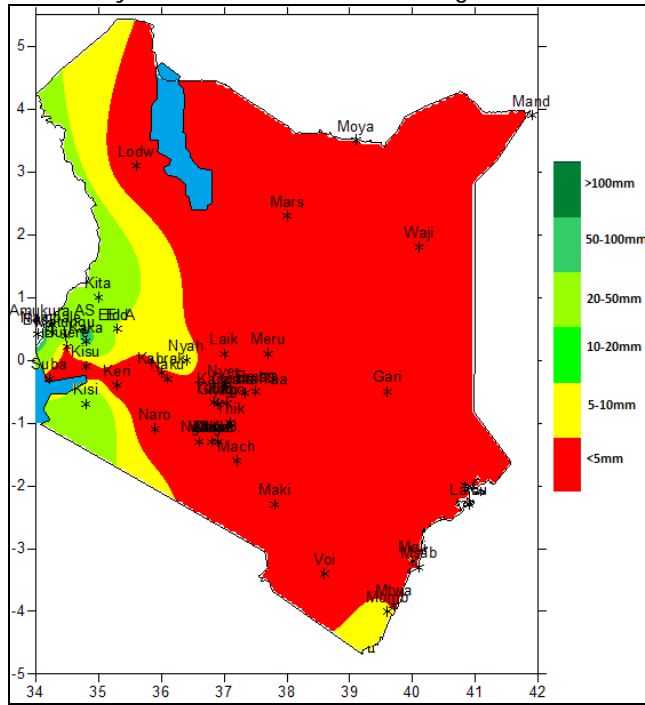


Fig 2: Spatial map of rainfall totals.

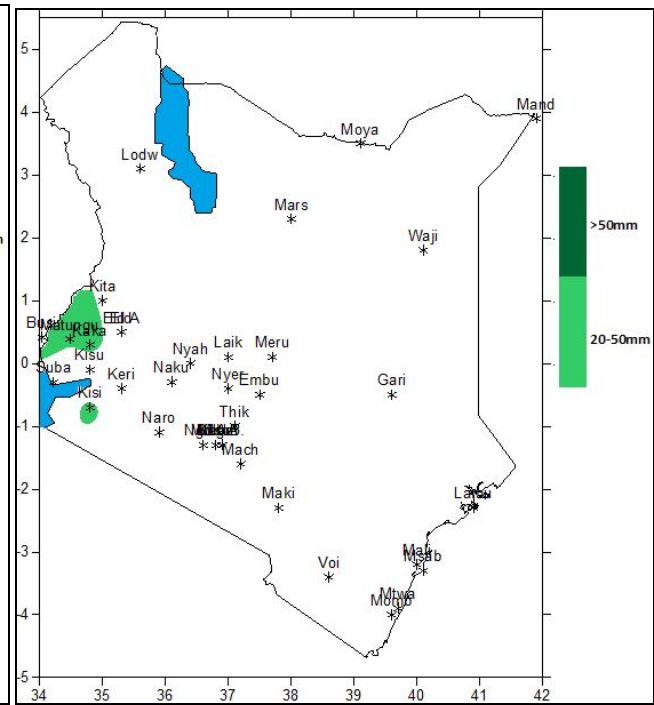
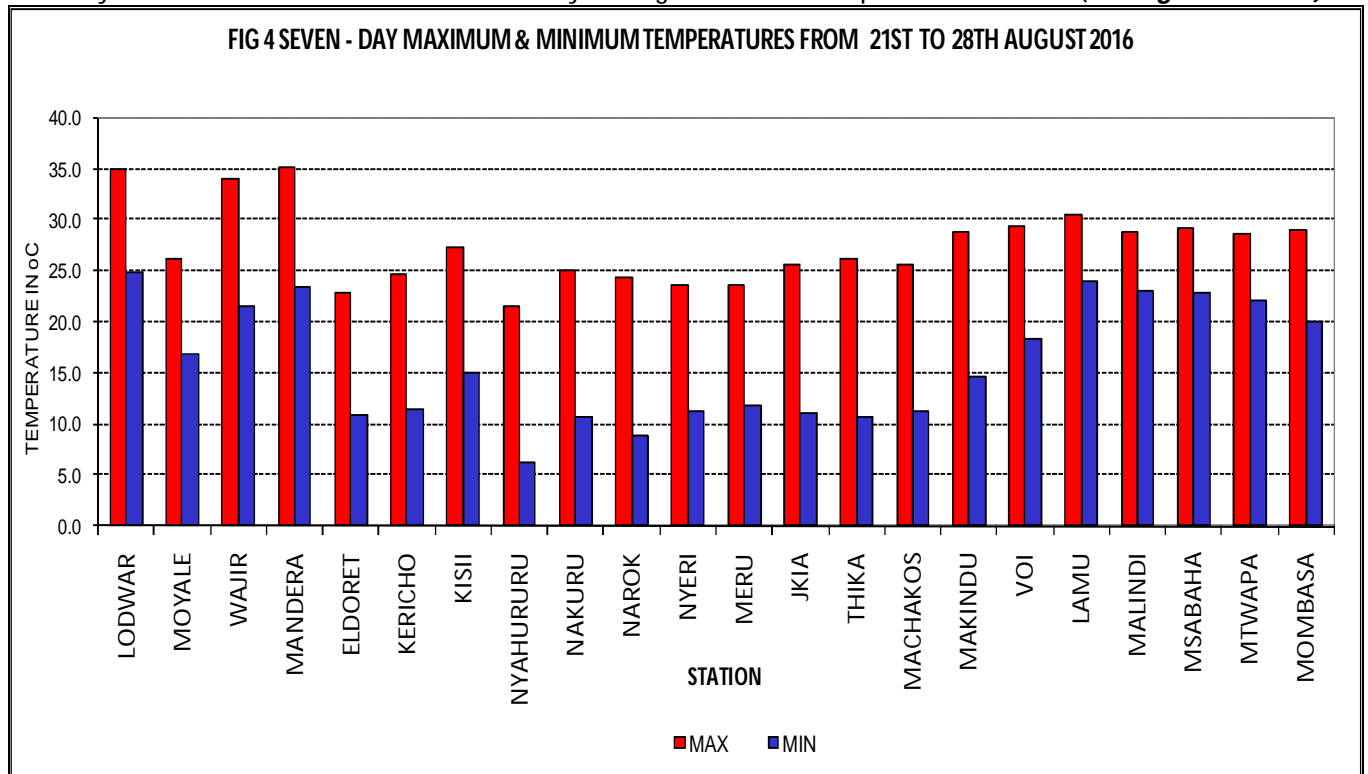


Fig3: Areas that received heavy rainfall in 24 hours.

1.2 Temperature

During the review period, day-time (maximum) temperatures generally increased throughout most parts of the country but decreased in fewer areas. Night-time (minimum) temperatures generally decreased over most parts of the country but increased over parts of Coast and Highlands West.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 36.1°C on 22nd August while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 3.3°C on 27th. Mandera Meteorological Station recorded the highest seven-day average maximum temperature of 35.1⁰ C while Nyahururu recorded the lowest seven-day average minimum temperature of 6.1°C. (See **Figure 4 below**)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 30TH AUG TO 5TH SEPT, 2016

The forecast indicates that:

- Areas within the Rift Valley, Western, North East and the Coast are expected to receive rainfall during the forecast period;
- Temperatures are expected to be generally warm throughout the forecast period.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 30TH AUG TO 5TH SEPT 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 mornings. Afternoon showers and thunderstorms are expected over several places on Tuesday reducing to few places for the remainder of the forecast period;

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

Central Highlands including, Nairobi area (counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are expected to experience rains in the morning on Tuesday and Wednesday then sunny intervals for the remainder of the forecast period;

Northeastern (counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) are expected to experience rains in the morning over few places on Tuesday to Friday then sunny intervals for the remainder of the forecast period;

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience sunny intervals the entire day throughout the forecast period. Counties bordering Nairobi are expected to have cool cloudy mornings on Tuesday and Wednesday;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience morning showers over several places from Tuesday to Thursday reducing to few places thereafter. Afternoons are expected to experience showers over few places on Tuesday to Thursday then sunny intervals for the remaining afternoons.

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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FOR THE DIRECTOR OF METEOROLOGICAL SERVICES