



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

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya

Telephone: 254 (0) 20 3867880-7, Fax: 254 (0) 20 3876955/3877373/3867888,
 e-mail: director@meteo.qo.ke, info@meteo.qo.ke Website: <http://www.meteo.qo.ke>

WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 13TH TO 19TH SEPT, 2016

Issue Date: 12/09/2016

Review of weather for the last seven-day period 5th to 11th Sept 2016):

- *Parts of highland west and east of the rift valley and the coast received rainfall during the review period*
- *Compared to the previous seven-day period, there was a general increase in rainfall amounts in Western counties but a decrease in the rest of the regions*
- *Day-time temperatures increased throughout the country but decreased in Msabaha*
- *Night-time temperatures increased over the Coast, parts of North east and parts of Highlands west of the rift valley and decreased over parts of Rift valley and parts of Highlands east of the rift valley.*

Forecast for the next seven days (13th to 12th Sept, 2016):

The forecast indicates that:

- *Areas within the Highlands West of the Rift Valley and high ground areas of Central Kenya are expected to receive rainfall during the forecast period;*

1. Weather Review for the last seven days 5th to 11th Sept, 2016

1.1 Rainfall Review

Parts of highland west and east of the rift valley and the coast received rainfall during the review period as depicted in **Fig 1**. Compared to the previous seven-day period, there was a general increase in rainfall amounts in Western counties but a decrease in the rest of the regions.

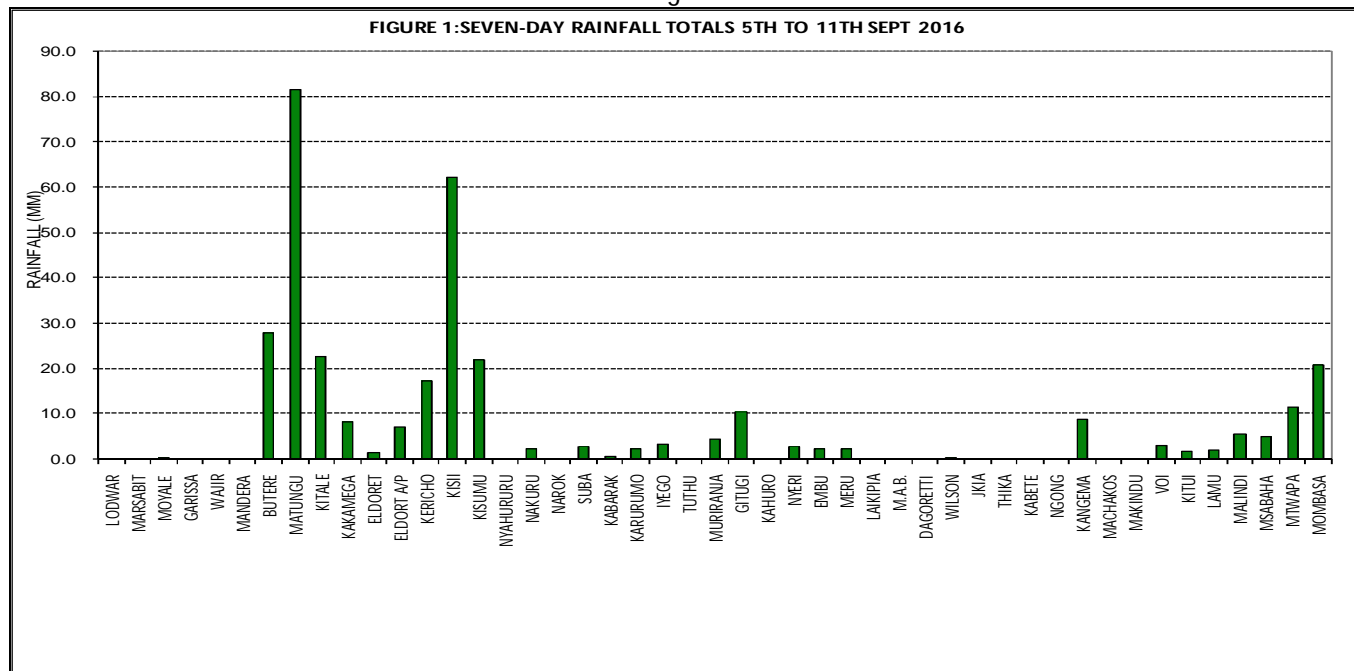


Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period. (5th to 11th Sept, 2016). During this period, Matungu rainfall Station in Western recorded the highest

seven-day total of 81.5mm while Kisii meteorological station recorded the highest rainfall amount in 24 hours of 43.4 on 5th. Two other stations Matungu and Kisumu likewise recorded heavy rainfall of 34.8 on 11th and 20.6 on 7th respectively.

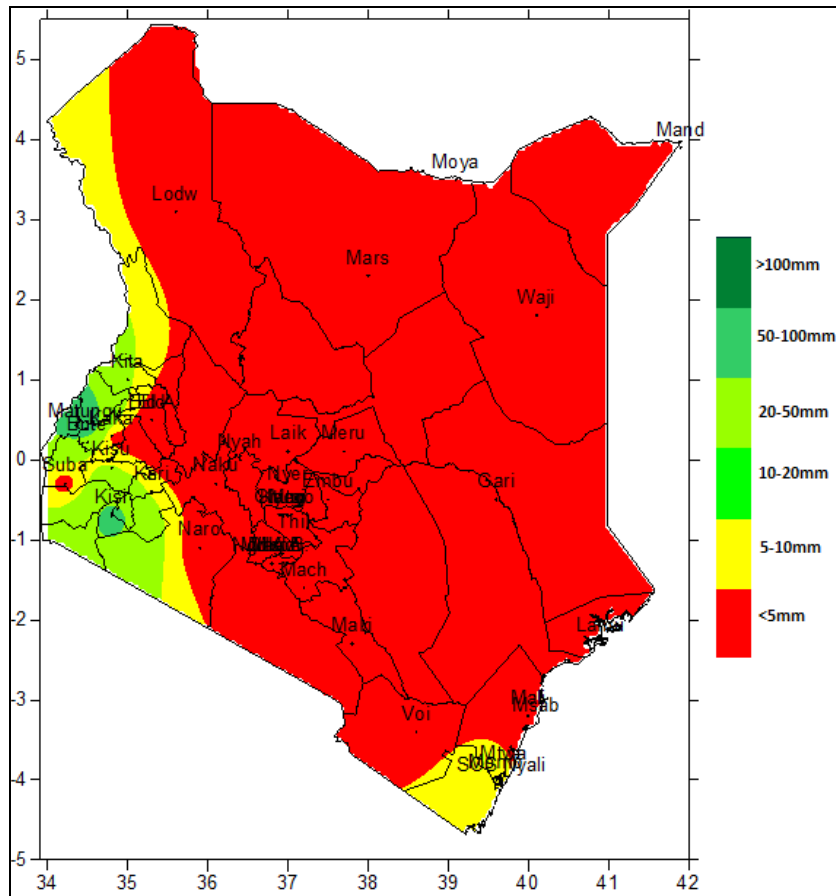
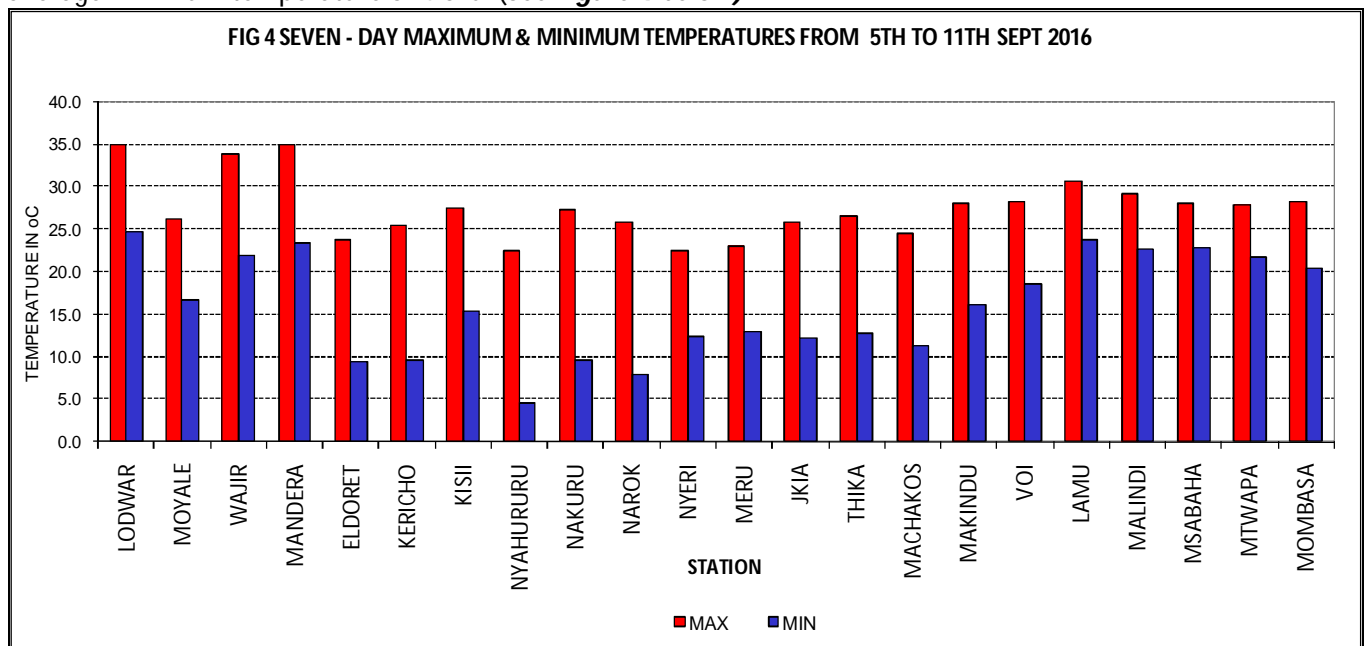


Fig 2: Spatial map of rainfall totals.

1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout the country but decreased in Msabaha. Night-time (minimum) temperatures increased over the Coast and parts of Highlands west of the rift valley and decreased over parts of Rift valley and parts of Highlands east of the rift valley.

Mandera Meteorological Station recorded the highest daily maximum temperature of 36.4°C on 10th while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 3.2°C on 7th. The same stations recorded the highest seven-day average maximum temperature of 35.0° C and the lowest seven-day average minimum temperature of 4.5°C. (See Figure 4 below)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 13TH TO 19TH SEPT, 2016

The forecast indicates that:

- Areas within the Highlands West of the Rift Valley and high ground areas of Central Kenya are expected to receive rainfall during the forecast period;

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 13TH TO 19TH 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 few places throughout 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 sunny intervals in the morning and afternoon showers over few places throughout the forecast period;

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

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience sunny intervals the whole day for the entire forecast period;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience mainly sunny intervals the entire day throughout the forecast period.

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 DIRECTOR OF METEOROLOGICAL SERVICES