



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 17TH TO 23RD MAY, 2016

Issue Date: 16/05/2016

Review of weather for the last seven-day period 9th to 15th May, 2016):

- Most parts of the country recorded substantial amounts of rainfall during the review period
- There was a general decrease in rainfall amounts over most parts of the country.
- Both day-time and night-time temperatures generally decreased over most parts of the country except over few areas.

Forecast for the next seven days (17th to 23rd May, 2016):

The forecast indicates that:

- Parts of Northwestern, Western, Lake Basin and Central highlands are expected to continue receiving rainfall throughout the forecast period.

1. Weather Review for the last seven days 9th to 15th May, 2016

1.1 Rainfall Review

Most parts of the country recorded substantial amounts of rainfall during the review period (See Fig 1). There was a decrease in rainfall amounts over most parts of the country as compared to the previous seven-day period save for a few stations.

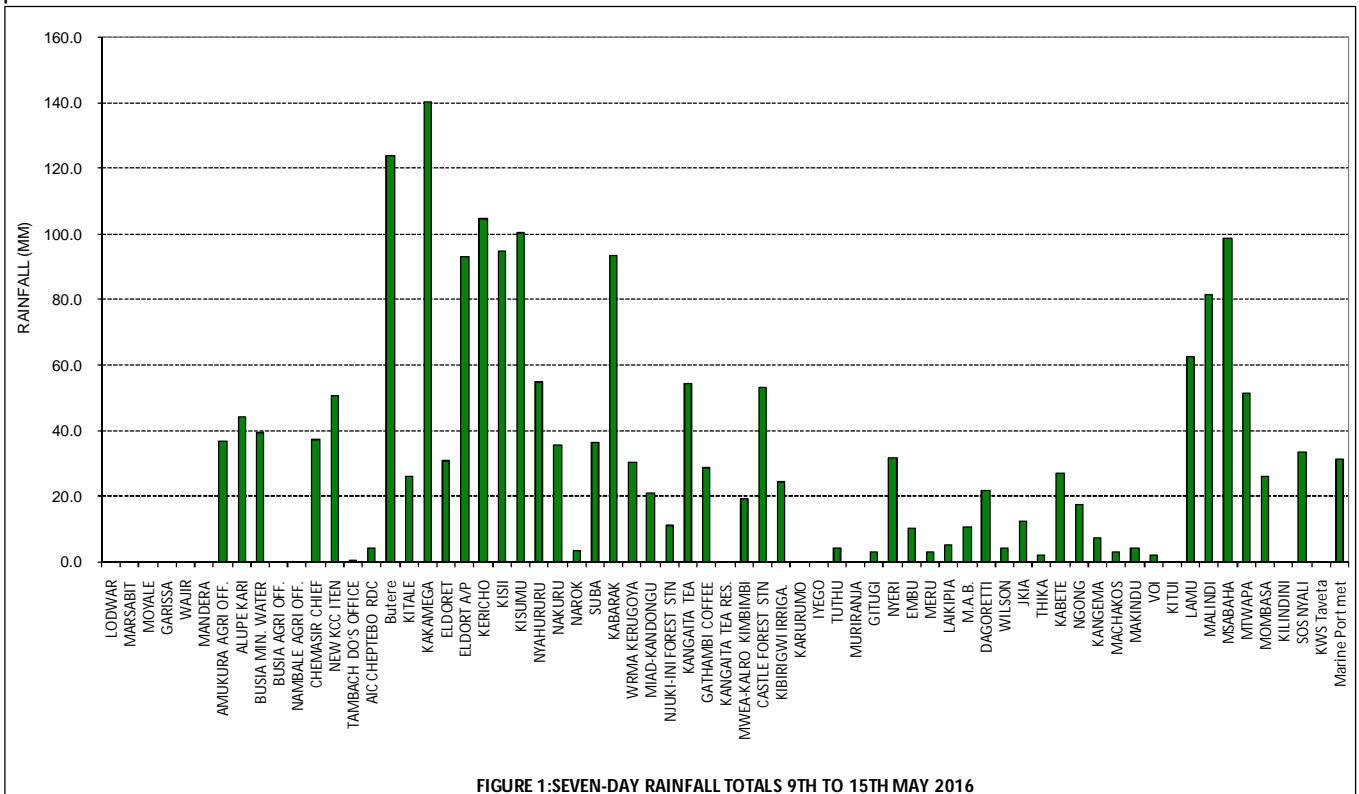


FIGURE 1: SEVEN-DAY RAINFALL TOTALS 9TH TO 15TH MAY 2016

Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (9th to 15th May, 2016). During this review period, Lake Bogoria Fisheries and Barwessa KWS rainfall stations recorded the highest seven-day total of 167mm. Kabete rainfall station on the other hand recorded the highest amount of rainfall in 24 hours (104.0mm on 7th May, 2016). **Figure 3** depicts areas that received heavy rainfall (>20mm/24hrs) and very heavy rainfall (>50mm/24hrs) during the review period.

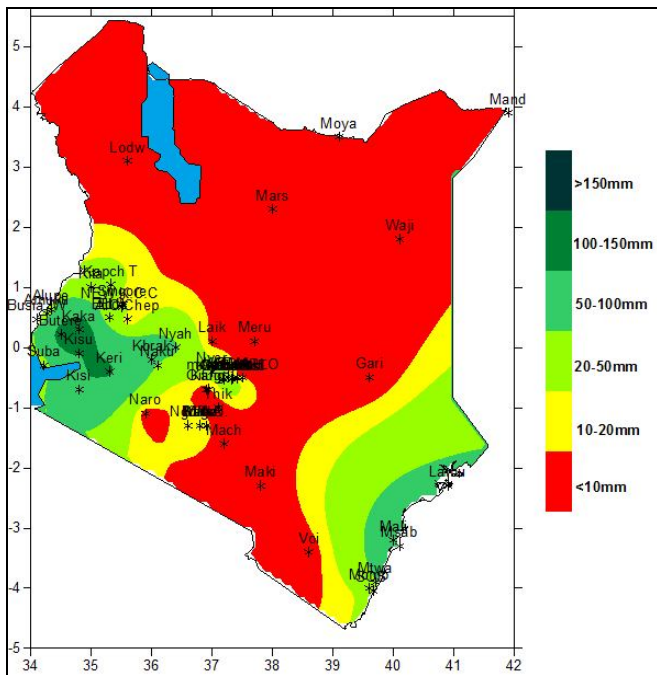


Fig 2: Spatial map of rainfall totals for 9th to 15th May, 2016.

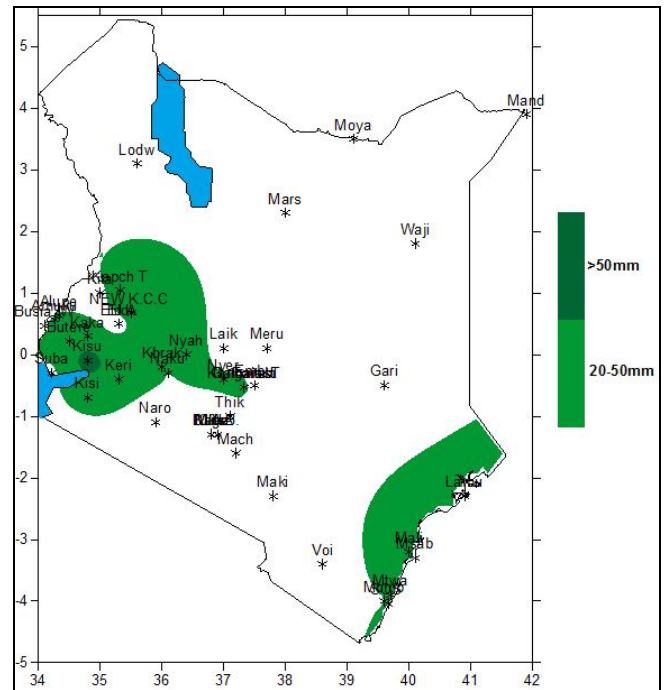


Fig 3: Spatial map of heavy and very heavy rainfall for 9th to 15th May, 2016.

1.2 Temperature

During the review period, both day-time (maximum) and night-time (minimum) temperatures generally decreased over most parts of the country except over few areas.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 35.8°C on 14th May 2016 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 7.5°C on 15th. The same stations recorded the highest seven-day average maximum temperature of 34.7°C and the lowest seven-day average minimum temperature of 9.8°C respectively. (See Figure 5 below)

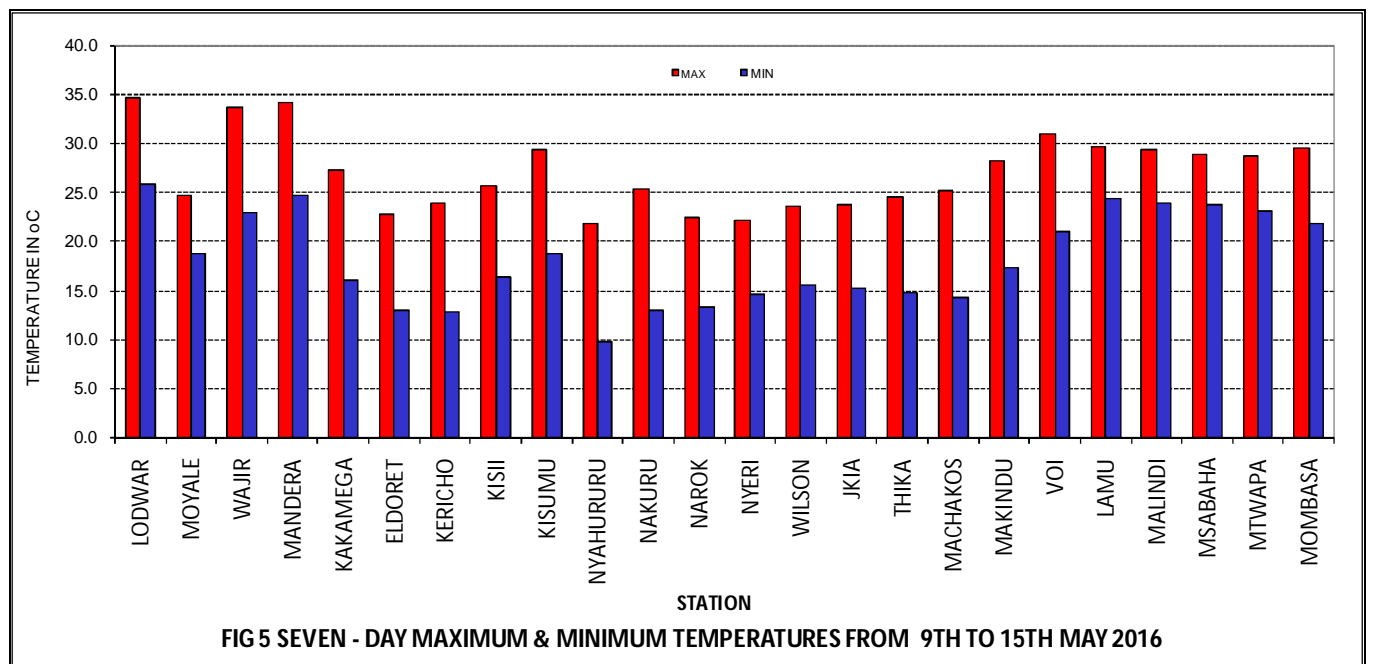


FIG 5 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 9TH TO 15TH MAY 2016

2. FORECAST FOR THE NEXT SEVEN DAYS FROM 17TH TO 23RD MAY, 2016

The forecast indicates that:

- Parts of Northwestern, Western, Lake Basin and Central highlands are expected to continue receiving rainfall throughout the forecast period.

EXPECTED IMPACTS

- Land-slides are likely on steep slopes especially in areas that have been receiving high rainfall amounts in the recent past.

3. DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 17TH TO 23RD MAY, 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 occasional morning rains over few places throughout the forecast period. Afternoon/night showers and thunderstorms are expected to occur over few places throughout the forecast period;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience sunny intervals in the morning and showers over few places in the afternoon 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 with occasional rains throughout the forecast period. Afternoon/night showers are expected to occur over few places during the entire 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 cloudy morning giving way to sunny intervals the whole day throughout the forecast period;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience sunny intervals the whole day from Tuesday to Friday and morning showers over few places on Saturday, Sunday and 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 DIRECTOR OF METEOROLOGICAL SERVICES