



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
 22ND TO 28TH MARCH, 2016**

Issue Date: 21/03/2016

Review of weather for the last seven-day period 14th to 20th March, 2016):

- Rainfall was reported over few parts of the country;
- Compared to the previous seven-day period, there was a major decrease in rainfall amounts throughout the country
- Day-time (maximum) temperatures increased throughout the country except over Lamu. Night-time (minimum) temperatures generally decreased over most parts while far fewer areas recorded increases. These areas include the coastal areas and Northern Kenya.

Forecast for the next seven days (15th to 21st March, 2016):

The forecast indicates that:

- Mainly dry and sunny weather expected throughout the country for much of the forecast period.
- Continuation of relatively warmer temperatures expected especially during nights

1. Weather Review for the last seven days 14th to 20th March, 2016

1.1 Rainfall Review

Rainfall was reported over few parts of the country. (See Fig 1) Compared to the previous seven-day period, there was a major decrease in rainfall amounts throughout the country.

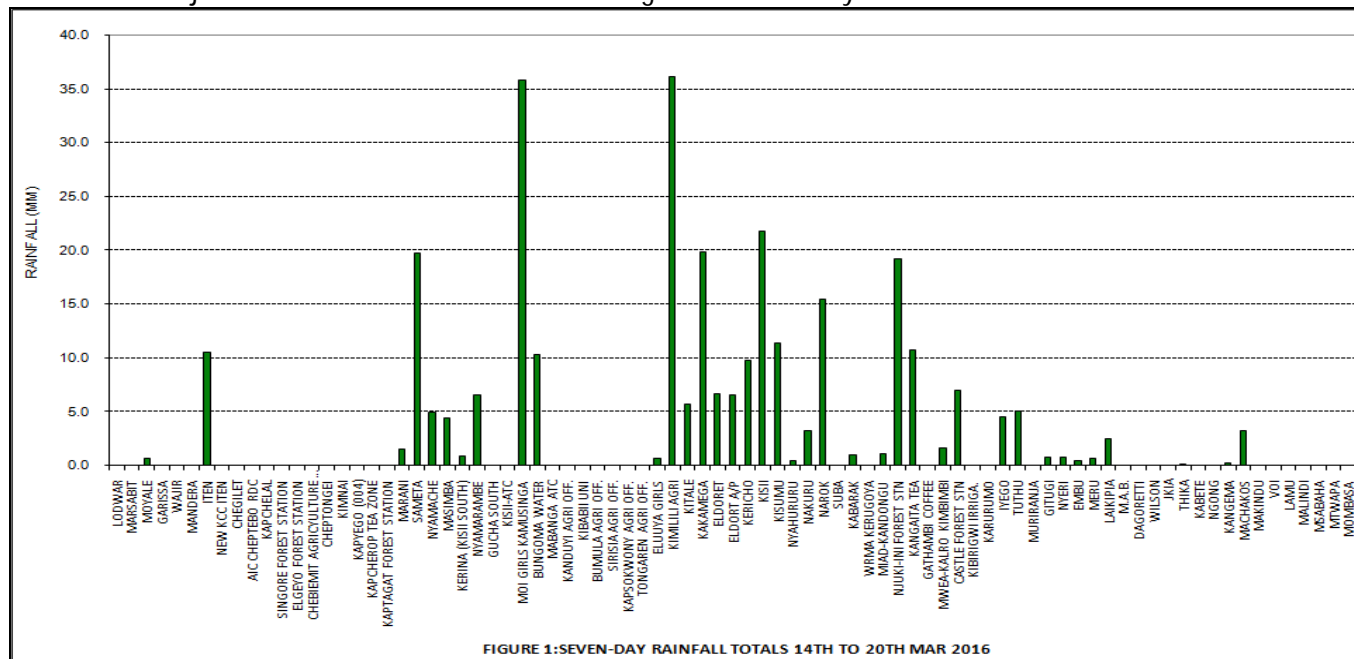


FIGURE 1: SEVEN-DAY RAINFALL TOTALS 14TH TO 20TH MAR 2016

Figure 2 depicts the spatial distribution of the rainfall totals for the seven-day review period (7th to 13th March, 2016) over the country. During the review period Kimilili agriculture rainfall station in Western recorded the highest seven day total of 36.1mm. No station recorded heavy rainfall within the forecast period.

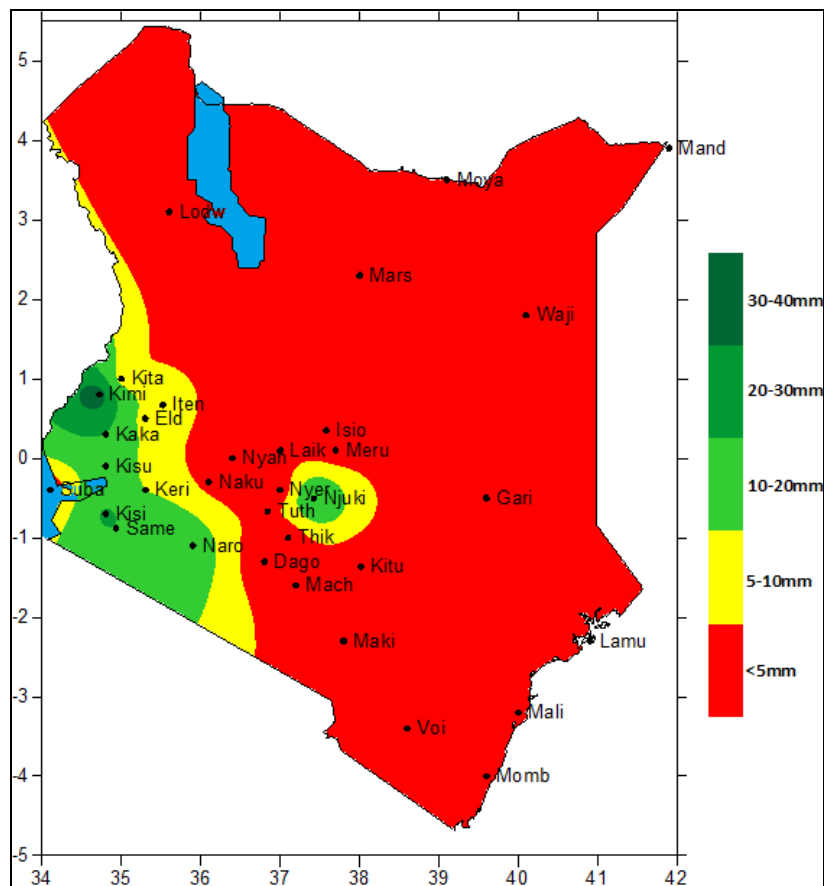


Fig 2: Spatial map of rainfall totals for 14th to 20th March, 2016.

1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout the country except over Lamu. Night-time (minimum) temperatures generally decreased over most parts while far fewer areas recorded increases. These areas include the coastal areas and Northern Kenya

Mandera Meteorological Station recorded the highest daily maximum temperature of 40.6°C on 18th March, 2016. Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 7.2°C on 15th March, 2016. Mandera Meteorological Station recorded the highest seven-day average maximum temperature of 40.2°C while Nyahururu Meteorological Station recorded the lowest seven-day average minimum temperature of 8.2°C respectively. (See Figure 3 below)

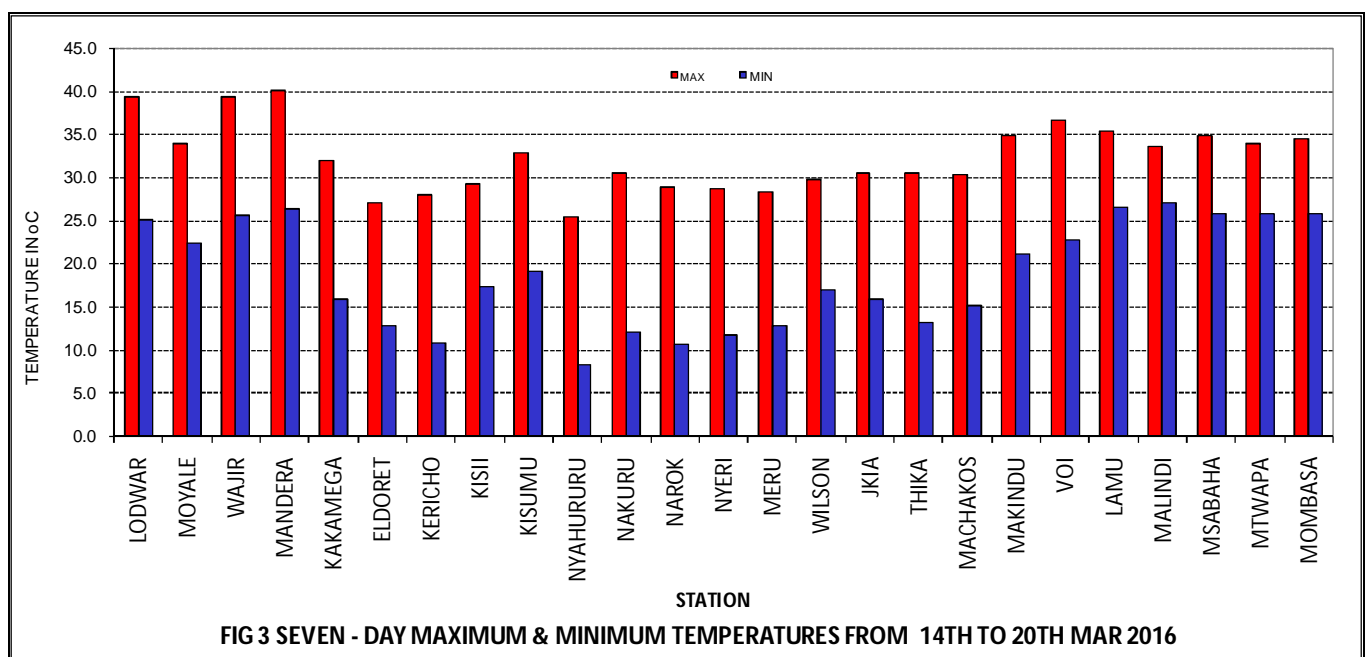


FIG 3 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 14TH TO 20TH MAR 2016

2. FORECAST FOR THE NEXT SEVEN DAYS FROM 15TH TO 21ST MARCH, 2016

The forecast indicates that:

- Mainly dry and sunny weather expected throughout the country for much of the forecast period.
- Continuation of relatively warmer temperatures expected especially during nights

3. DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 22ND TO 28TH MARCH, 2016

The Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley (counties of Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Transnzoia, 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. Wednesday and Thursday are likely to experience isolated afternoon/evening showers and thunderstorms;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience mainly sunny intervals the whole day 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 cloudy mornings giving way to sunny intervals the whole day throughout the forecast period;

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

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience cloudy mornings giving way to sunny intervals throughout the forecast period. Afternoon/evening showers are likely over few places near Mt. Kilimanjaro and our border with Tanzania throughout the forecast period;

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

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

J. Gacheru,

FOR DIRECTOR OF METEOROLOGICAL SERVICES