



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT & NATURAL RESOURCES
KENYA METEOROLOGICAL DEPARTMENT

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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 1ST TO 7TH NOVEMBER, 2016

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Review of weather for the last seven-day period 24th to 30th October 2016):

- Rainfall was recorded over most parts of the country including some areas in Northeastern, Northwestern and the Southeastern Lowlands;
- There was a general increase in rainfall amounts over much of the country although some areas in the Western Highlands recorded notable reductions;
- There was a general decrease in day-time (maximum) temperatures over much of the country;
- Night-time (minimum) temperatures increased over most parts of the country.

Forecast for the next seven days (1st to 7th November, 2016):

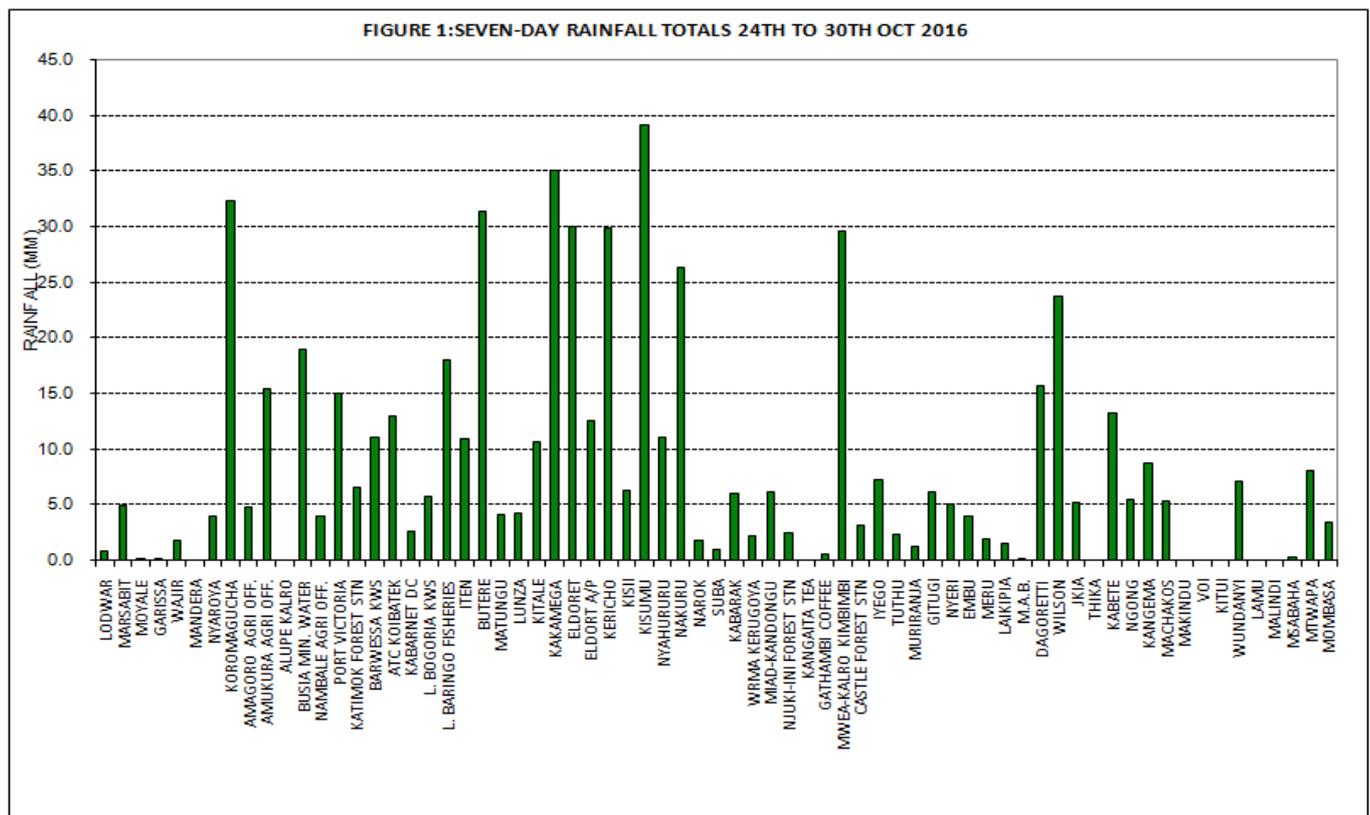
The forecast indicates that:

- Several parts of the country are expected to receive rainfall although the intensities may not be very high;

1. Weather Review for the last seven days 24th to 30th October, 2016

1.1 Rainfall Review

Rainfall was recorded over most parts of the country including some areas in Northeastern, Northwestern and the Southeastern Lowlands **Fig 1** below.



Comparing this review period to the previous one, there was a general increase in rainfall amounts over much of the country although some areas in the Western Highlands recorded notable reductions. **Figure 2** depicts the spatial distribution of the rainfall totals over the country during the seven-day review period. (24th to 30th Oct, 2016). During this period, Kisumu Meteorological Station recorded the highest seven-day total of 39.2mm. The same station also recorded the highest rainfall amount within 24 hours (39.2mm on 28th October).

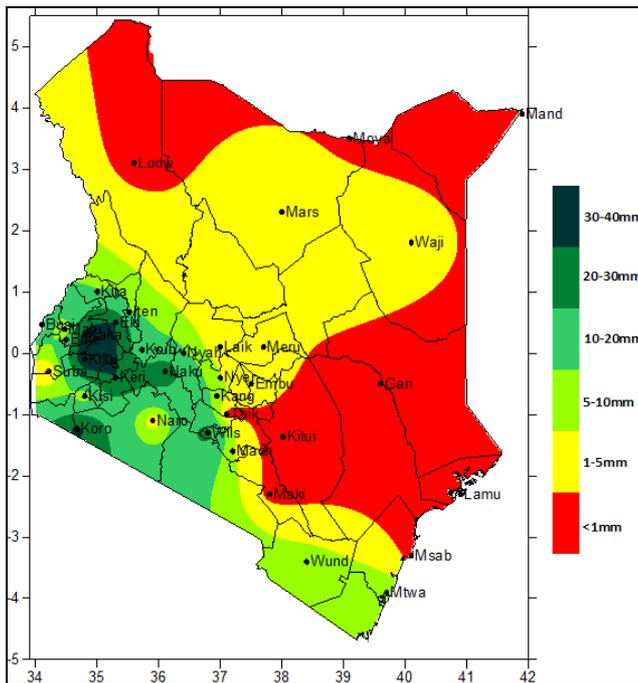


Fig 2: Spatial map of rainfall totals for 24th to 30th Oct, 2016.

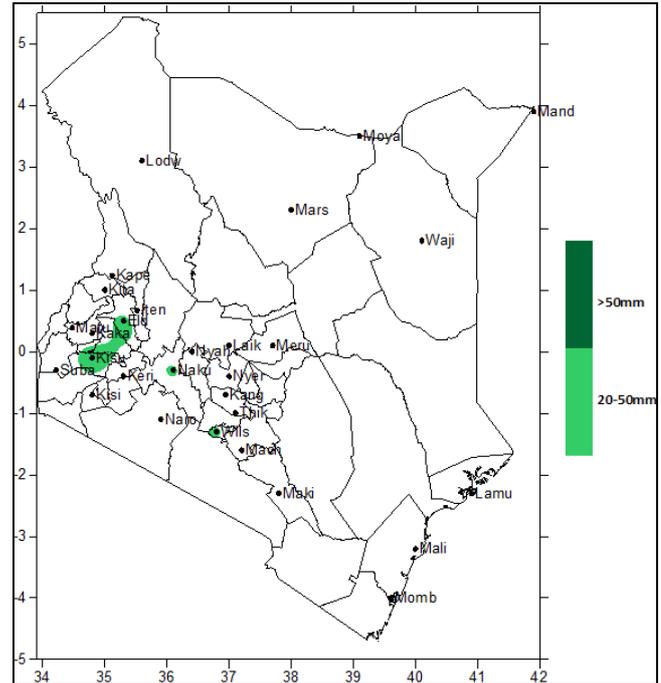


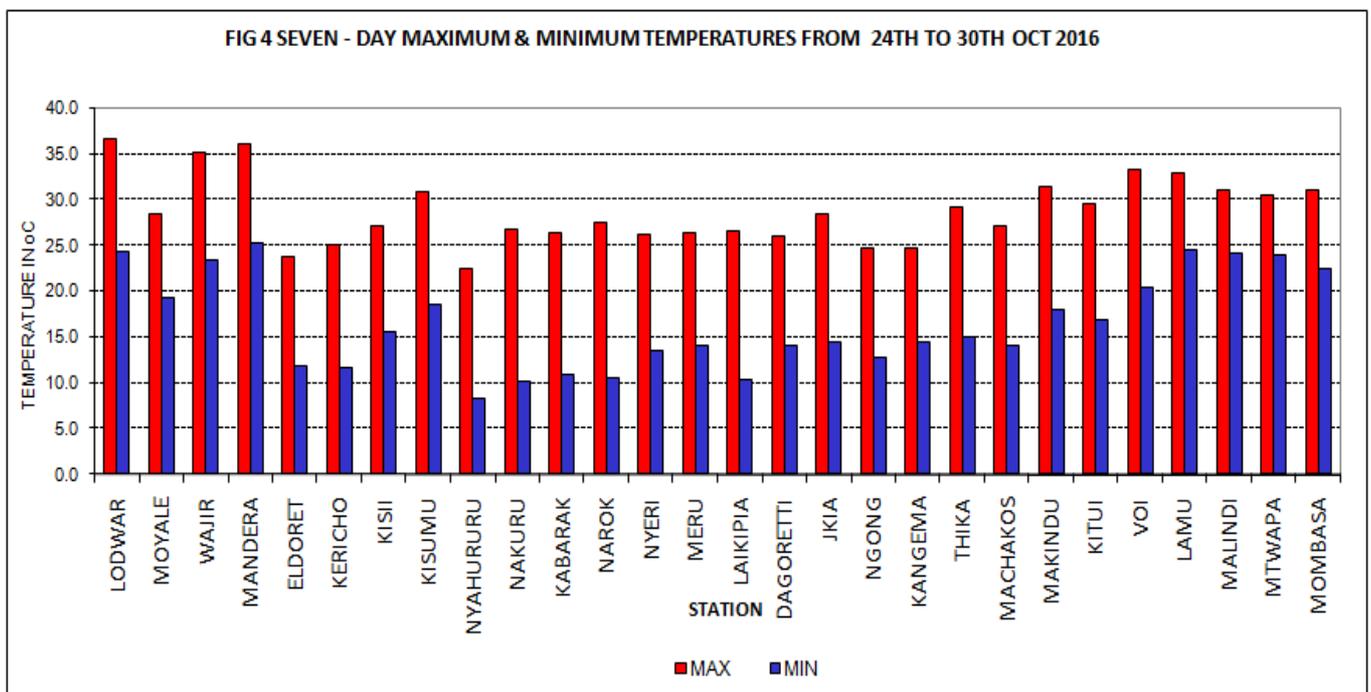
Fig 3: Areas that received heavy and very heavy rainfall

1.2 Temperature

During the review period, there was a general decrease in day-time (maximum) temperatures over much of the country with the exception of parts of the Northeast, Central, Coast and the Rift Valley.

Night-time (minimum) temperatures increased over most parts of the country except over some few areas in the Highlands East and West of the Rift Valley.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 37.0°C on 30th October while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.1°C on 27th October. The same stations recorded the highest seven-day average maximum temperature of 36.7°C and the lowest seven-day average minimum temperature of 8.3°C respectively. (See **Figure 4** below)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 1ST TO 7TH NOVEMBER, 2016

The forecast indicates that:

- Several parts of the country are expected to receive rainfall although the intensities may not be very high;

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 1ST TO 7TH NOVEMBER, 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 in the mornings. Occasional afternoon showers and thunderstorms are expected over few places 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 mainly sunny intervals in the morning and occasional afternoon showers over few places throughout the forecast period;

Northeastern (counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) are expected to experience occasional morning rains and afternoon showers throughout the forecast period;

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience sunny intervals in the morning and occasional afternoon showers over few places throughout the forecast period;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience occasional morning and afternoon showers 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

J. Gacheru

FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT