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MINISTRY OF ENVIRONMENT & NATURAL RESOURCES
KENYA METEOROLOGICAL DEPARTMENT

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID
 15TH TO 21ST NOVEMBER, 2016**

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Review of weather for the last seven-day period 7th to 13th November 2016):

- Rainfall was recorded over most parts of the country except over the North West. Significant rainfall was observed over southeast lowlands.
- There were decreases in rainfall amounts over some parts of the country and an increase mainly over southeast lowlands due to a heavy rain storm.
- There was a general decrease in day-time (maximum) temperatures over much of the country with the exception of parts of the Coast, of Northeast, and of Rift Valley.
- Night-time (minimum) temperatures increased over some parts of the Country (Highlands East, Rift Valley) and decreased over other parts (Northeast, Southeast).

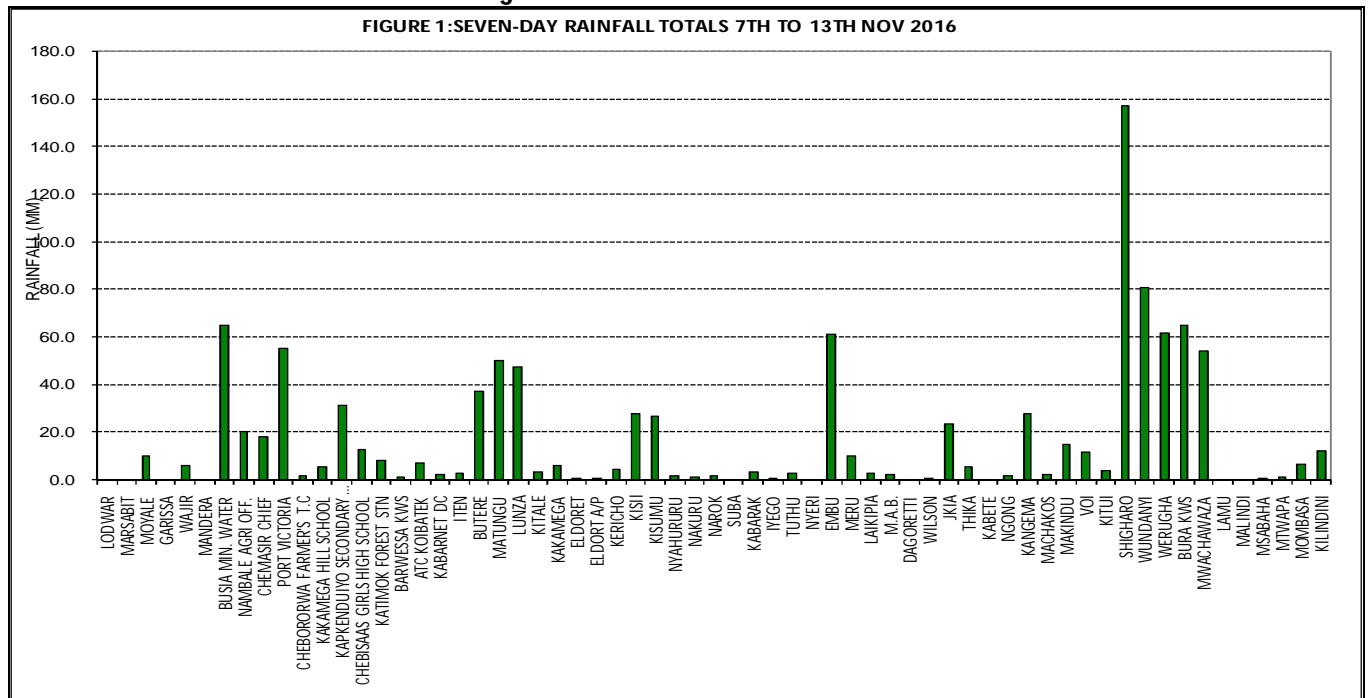
Forecast for the next seven days (15th to 21st November, 2016):
 The forecast indicates that:

- Several parts of the country are expected to receive rainfall during the forecast period

1. Weather Review for the last seven days 7th to 13th November, 2016

1.1 Rainfall Review

Rainfall was recorded over most parts of the country except over the North West. Significant rainfall was observed over southeast lowlands. See **Fig 1** below.



Comparing this review period to the previous one, there were decreases in rainfall amounts over some parts of the country and an increase mainly over southeast lowlands due to a heavy rain storm. **Figure 2** depicts the spatial distribution of the rainfall totals over the country during the seven-day review period. (7th to 13th Nov, 2016). During this period, Shigharo rainfall Station within the southeast lowlands recorded the highest seven-day total of 157.3mm which was received within one 24 hour period on 13th November. **Fig 3** shows areas that received heavy and very heavy rainfall.

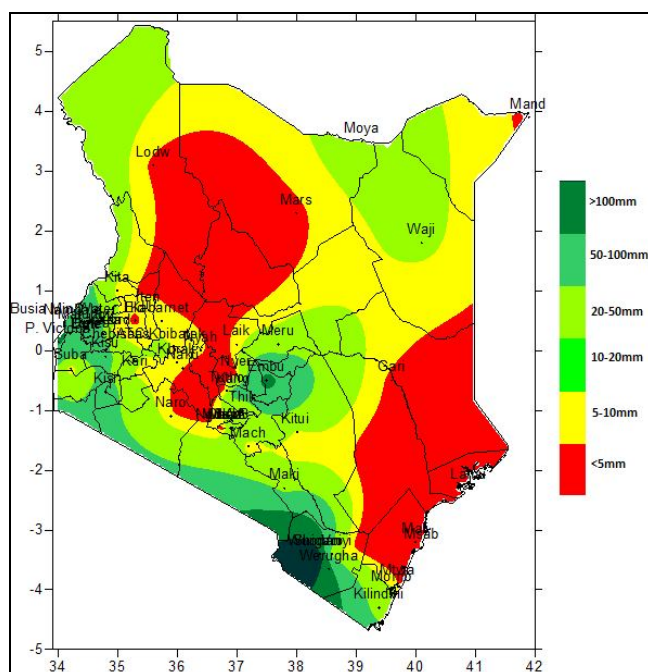


Fig 2: Spatial map of rainfall totals for 7th to 13th Nov, 2016.

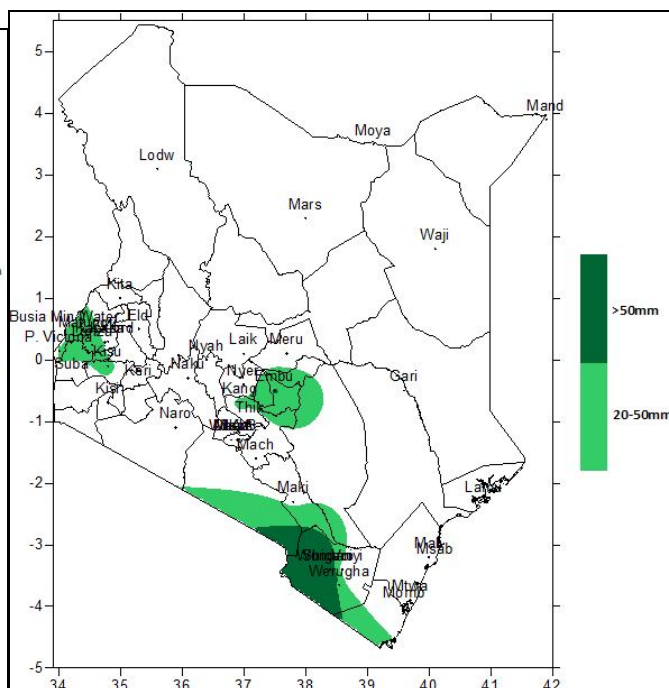


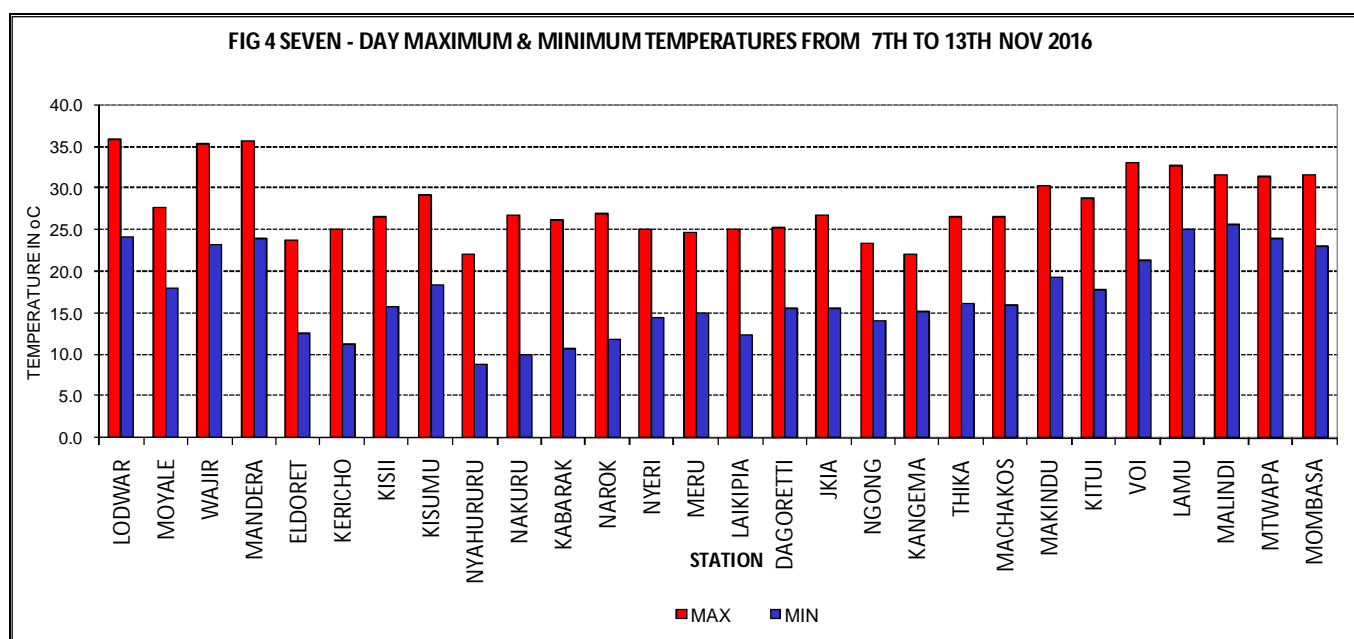
Fig 3: Areas that received heavy and very heavy rainfall

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 Coast, of Northeast, and of Rift Valley.

Night-time (minimum) temperatures increased over some parts of the Country (Highlands East, Rift Valley) and decreased over other parts (Northeast, Southeast).

Lodwar Meteorological Station recorded the highest daily maximum temperature of 36.6°C on 11th November while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.2°C on 7th November. The same stations recorded the highest seven-day average maximum temperature of 35.8° C and the lowest seven-day average minimum temperature of 8.8°C respectively. (See **Figure 4 below**)



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

The forecast indicates that:

- Several parts of the country are expected to receive rainfall during the forecast period;

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 15TH TO 21ST 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 and afternoon showers and thunderstorms 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 much of 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 with some areas getting light morning rains over few places 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 in the morning and afternoon showers over few places throughout the forecast period. Tuesday morning is however expected to receive rains over few places;

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

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience morning showers over few places and sunny intervals in the afternoon 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

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FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT