

Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (11th to 17th July, 2016). During this period, Eldoret Airport Meteorological Station in the Rift Valley recorded the highest seven-day total of 93.5mm. On the other hand, Katimok Forest Station (also in the Rift Valley) recorded the highest amount of rainfall in 24 hours (75.8mm on 11th July).

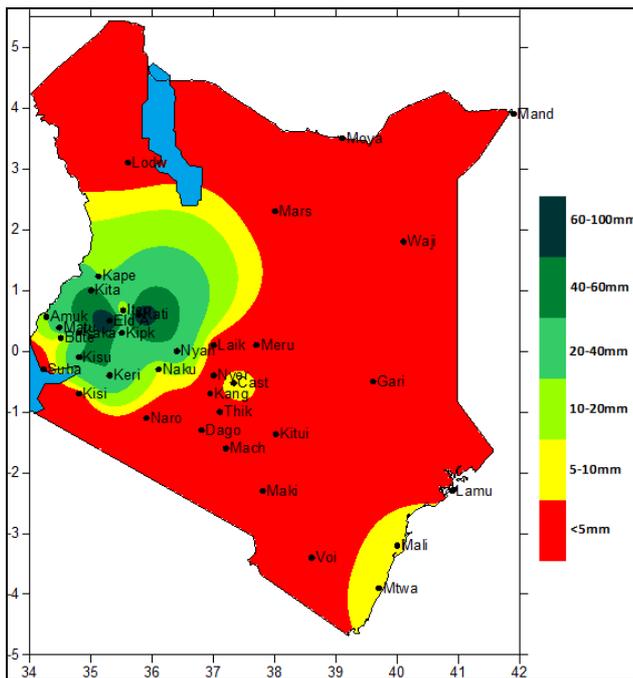


Fig 2: Spatial map of rainfall totals for 11th to 17th July, 2016.

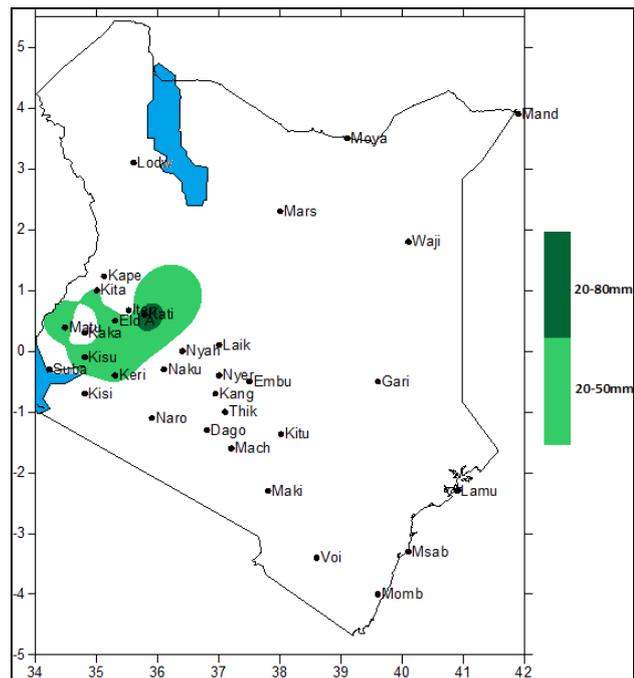
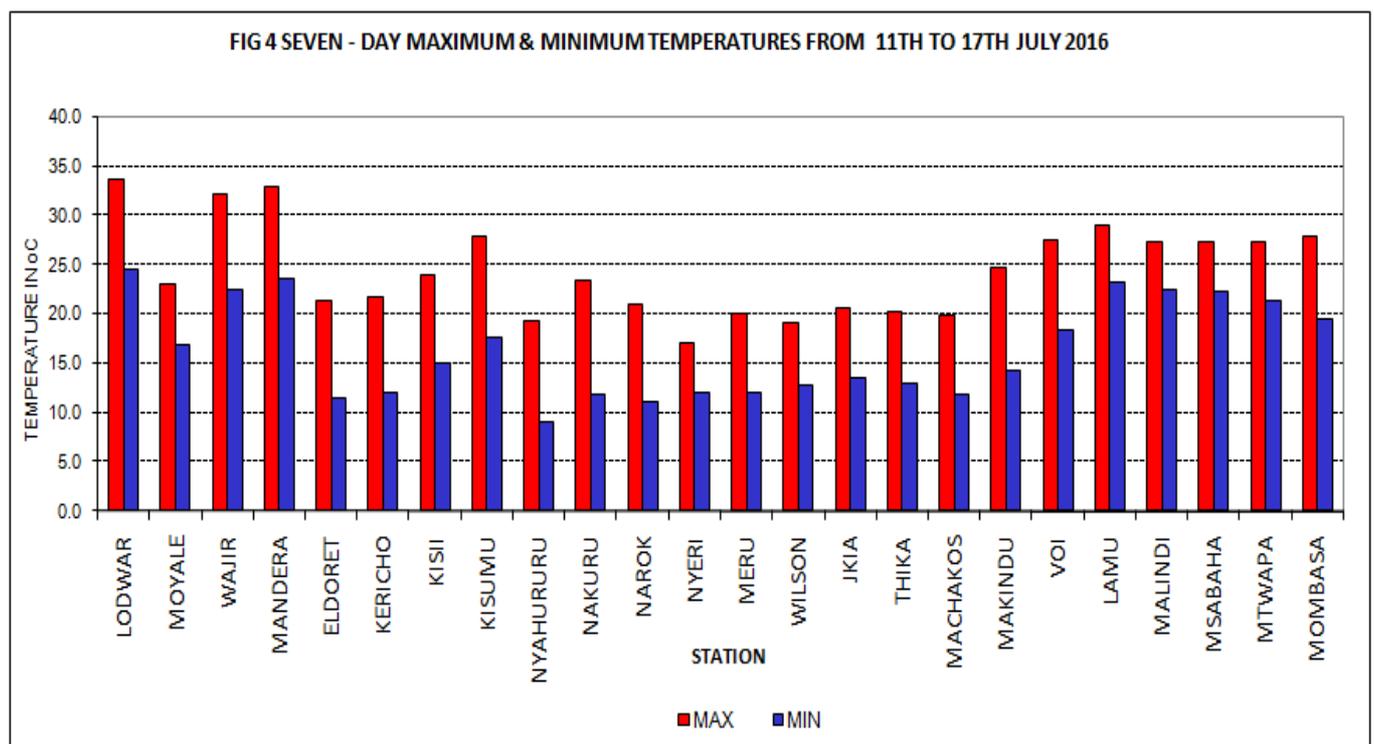


Fig 3: Spatial map of areas that received more than 20mm of rainfall within 24hours.

1.2 Temperature

During the review period, day-time (maximum) temperatures decreased over much of the country except over a few areas like Lodwar, Mandera and Meru. Night-time (minimum) temperatures also decreased over much of the country with the exception of parts of Central, Nairobi and the Southeast.

Mandera Meteorological Station recorded the highest daily maximum temperature of 34.5°C on 16th July while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.6°C on 15th July. Lodwar also recorded the highest seven-day average maximum temperature of 33.7°C while Nyahururu recorded the lowest seven-day average minimum temperature of 9.1°C. (See **Figure 4 below**)



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 19TH TO 25TH JULY, 2016

The forecast indicates that:

- Areas within the Rift Valley, Western and parts of the Central Highlands and the Coast are expected to receive rainfall;
- Temperatures are expected to be cool at the beginning of the forecast period before warming slightly towards the end.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 19TH TO 25TH JULY, 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 morning and afternoon/evening showers and thunderstorms over several places throughout the forecast period;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience sunny intervals in the morning throughout the forecast period. Afternoon/evening showers and thunderstorms over few places are likely towards the end 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 cool and cloudy mornings with occasional light rains over few places and sunny intervals in the afternoon;

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, Makeni, Machakos and Taita Taveta) are expected to experience cool and cloudy mornings giving way to sunny intervals throughout the forecast period;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience sunny intervals the entire day at the beginning of the forecast period. Morning showers over several places are likely on the last three days of 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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