



**Figure 2** depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (23<sup>rd</sup> to 29<sup>th</sup> May, 2016). During this review period, Kakamega Meteorological Station recorded the highest seven-day total of 96.9mm. On the other hand, Eluuya Girls rainfall station recorded the highest amount of rainfall in 24 hours (48.1mm on 24<sup>th</sup> May, 2016). **Figure 3** depicts areas that received heavy rainfall (>20mm/24hrs) and very heavy rainfall (>50mm/24hrs) during the review period.

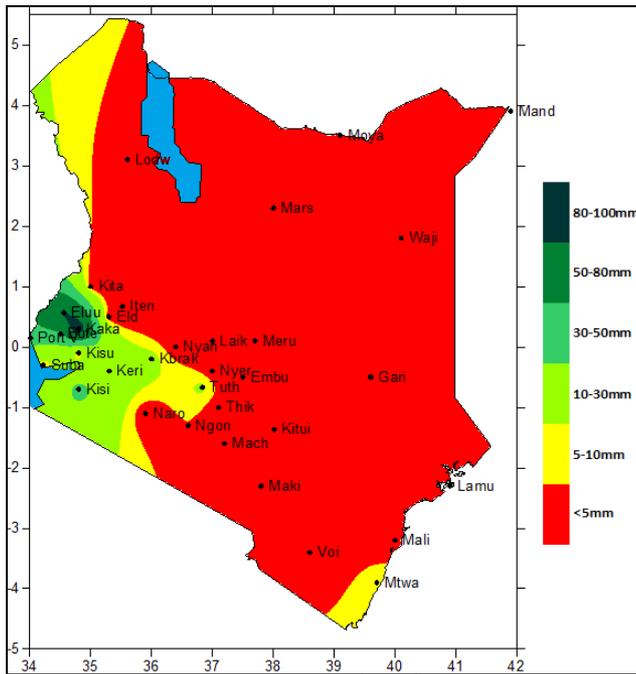


Fig 2: Spatial map of rainfall totals for 23<sup>rd</sup> to 29<sup>th</sup> May, 2016.

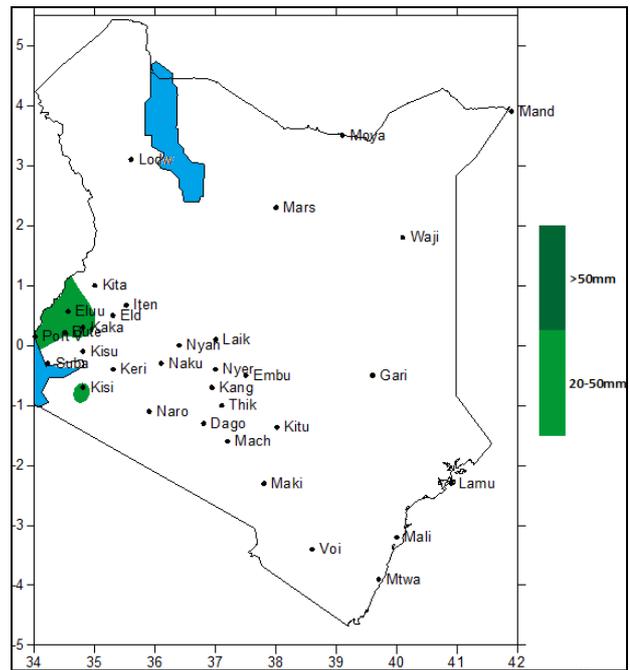


Fig 3: Spatial map of heavy and very heavy rainfall for 23<sup>rd</sup> to 29<sup>th</sup> May, 2016.

## 1.2 Temperature

During the review period, day-time (maximum) temperatures reduced over much of the country with the exception of parts of Northeastern and Western Kenya. Night-time (minimum) temperatures decreased throughout the country.

Mandera Meteorological Station recorded the highest daily maximum temperature of 37.2°C on 29<sup>th</sup> May, 2016 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.9°C on the same day. The same stations recorded the highest seven-day average maximum temperature of 35.5°C and the lowest seven-day average minimum temperature of 7.7°C respectively. (See Figure 5 below)

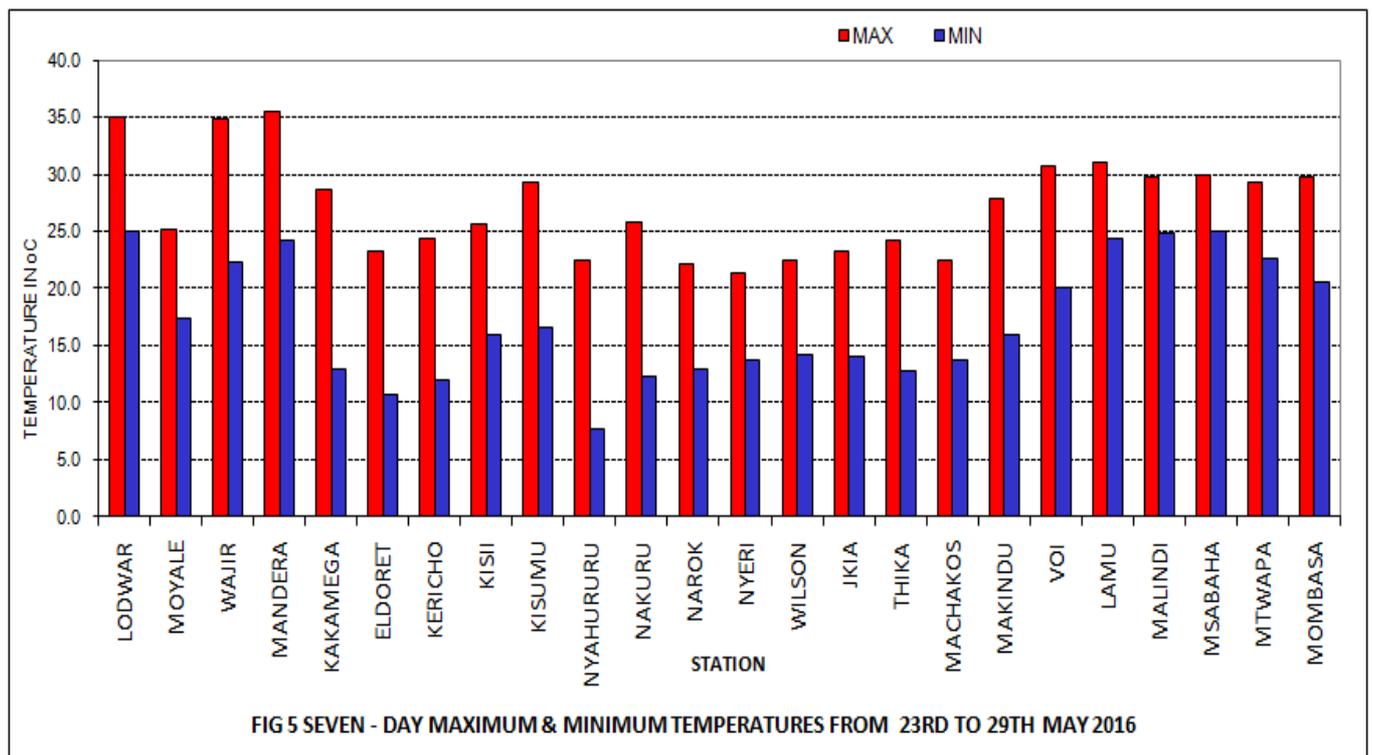


FIG 5 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 23RD TO 29TH MAY 2016

## 2. FORECAST FOR THE NEXT SEVEN DAYS FROM 31<sup>ST</sup> MAY TO 6<sup>TH</sup> JUNE, 2016

The forecast indicates that:

- The Western parts of the country are likely to continue receiving rainfall while the rest of the country may remain mainly dry;
- Cool conditions are likely to continue over several parts of the country.

### DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 31<sup>ST</sup> MAY TO 6<sup>TH</sup> JUNE, 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 showers and thunderstorms over few places throughout the forecast period;

**Northwestern (counties of Turkana, West Pokot and Samburu)** are expected to experience sunny intervals in the entire 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 cool cloudy mornings with occasional rains and sunny intervals in the afternoon throughout the 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 mornings giving way to sunny intervals in the afternoon 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 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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