



**REPUBLIC OF KENYA**

**MINISTRY OF ENVIRONMENT & NATURAL RESOURCES**

**KENYA METEOROLOGICAL DEPARTMENT**

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 7<sup>TH</sup> TO 13<sup>TH</sup> FEBRUARY, 2017**

*Issue Date: 06/02/2017*

**Review of weather for the last seven-day period 30<sup>th</sup> Jan to 5<sup>th</sup> Feb, 2017):**

- Rainfall was recorded over several parts of the country especially in Western, the Rift Valley and the Central Highlands;
- Day-time temperatures decreased over parts of Western, Nairobi, Coast and the Northwest and increased over the remaining areas;
- Night-time (minimum) temperatures generally increased over most parts of the country with the exception of Kisii, Voi, Mtwapa and Mombasa.

**Forecast for the next seven days (7<sup>th</sup> to 13<sup>th</sup> Feb, 2017):**

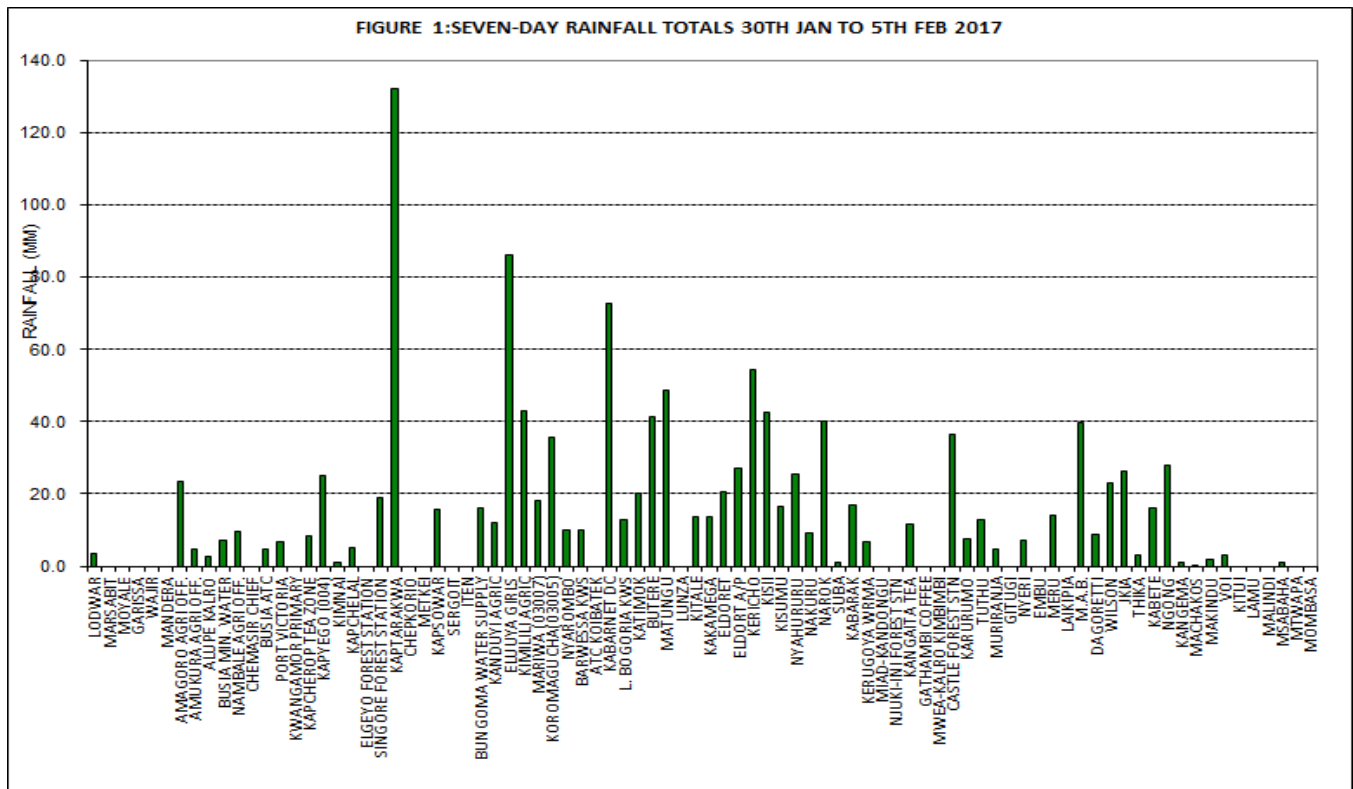
The forecast indicates that:

- Mainly dry conditions to prevail;
- High daytime temperatures and low nighttime temperatures characteristic of February to continue over most parts of the country.

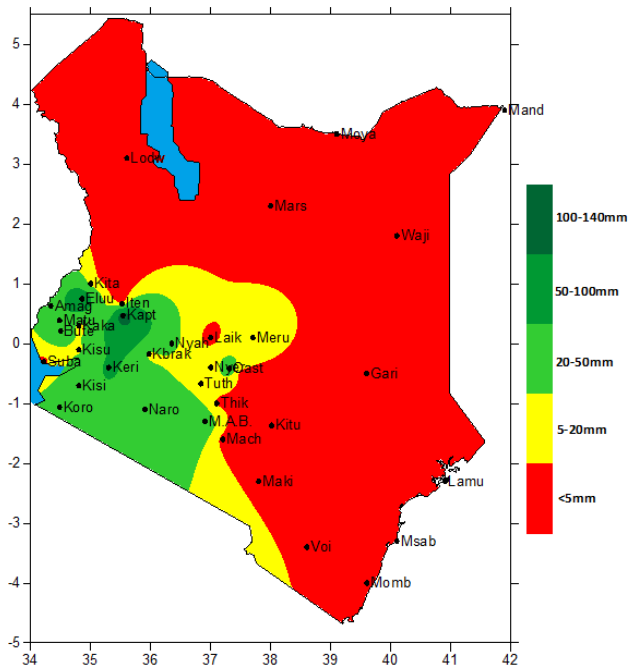
**1. Weather Review for the last seven days 30<sup>th</sup> Jan to 5<sup>th</sup> Feb, 2017**

**1.1 Rainfall Review**

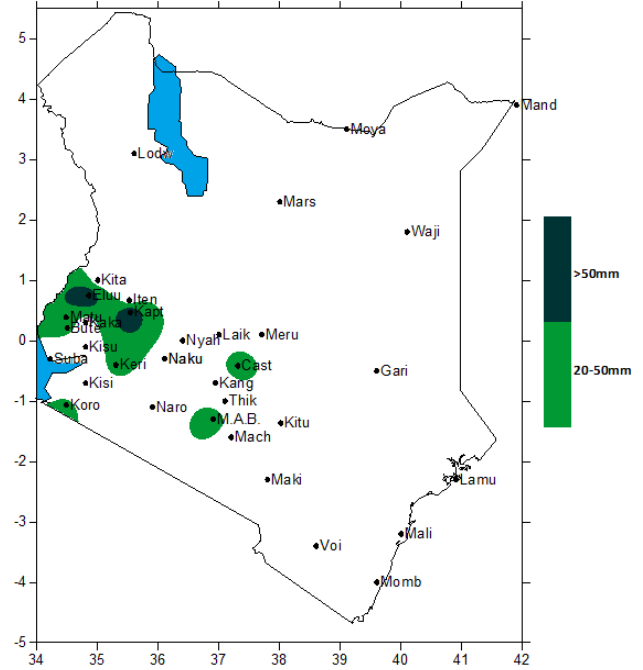
Rainfall was recorded over several parts of the country especially in Western, the Rift Valley and the Central Highlands (See Fig 1 below).



During this period, Kaptarakwa Rainfall Station in Elgeyo Marakwet County recorded the highest seven-day total of 132.1mm. The same station recorded 80.1mm on 31<sup>st</sup> January which was the highest amount of rainfall recorded within 24hrs (see **Figs 2 and 3**)



**Fig 2: Spatial map of rainfall totals for 30<sup>th</sup> Jan to 5<sup>th</sup> Feb, 2017.**



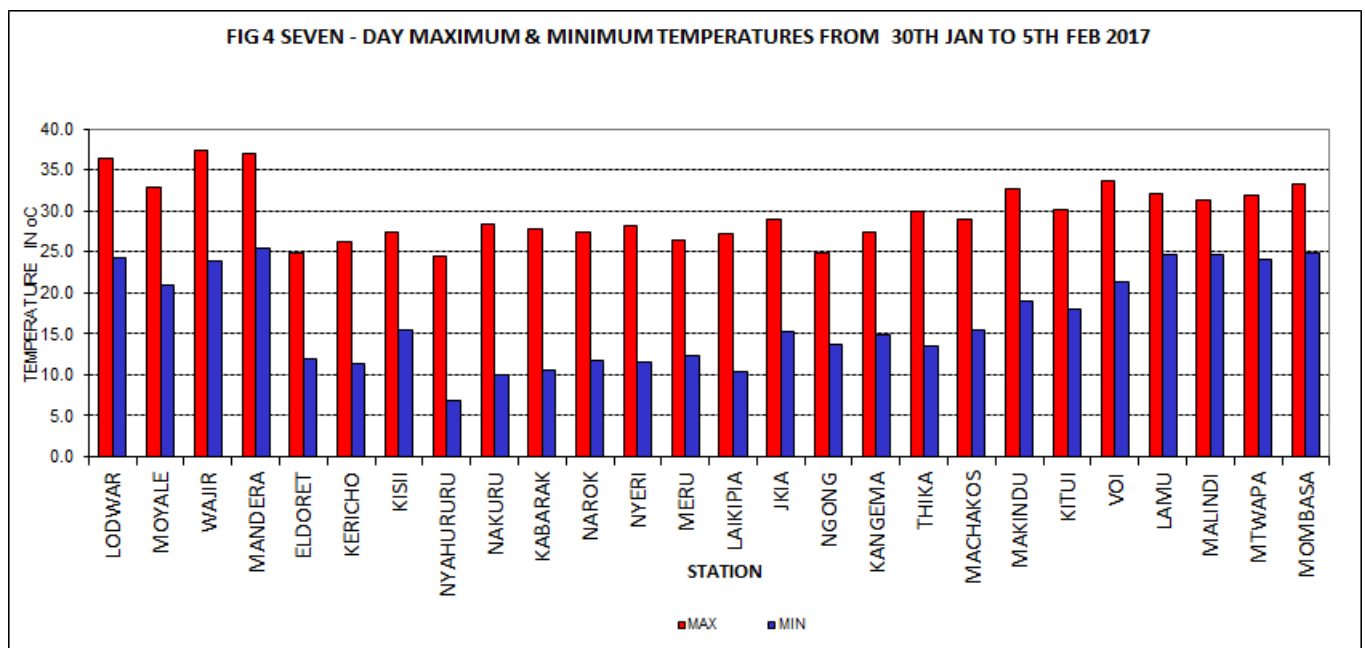
**Fig 3: Areas that received heavy and very heavy rainfall**

## 1.2 Temperature

During the review period, day-time (maximum) temperatures decreased over parts of Western, Nairobi, Coast and the Northwest and increased over the remaining areas.

Night-time (minimum) temperatures generally increased over most parts of the country with the exception of over Kisii, Voi, Mtwapa and Mombasa.

Mandera Meteorological Station recorded the highest daily maximum temperature of 38.5°C on 3<sup>rd</sup> February while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 6.1°C on the same day. Wajir Meteorological Station recorded the highest seven-day average maximum temperature of 37.3°C while Nyahururu Meteorological Station the lowest seven-day average minimum temperature of 6.9°C. (See **Figure 4** below)



## 2. FORECAST FOR THE NEXT SEVEN DAYS FROM 7<sup>TH</sup> TO 13<sup>TH</sup> FEBRUARY, 2017

The forecast indicates that:

- Mainly dry conditions to prevail;
- High daytime temperatures and low nighttime temperatures characteristic of February to continue over most parts of the country.

### DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 7<sup>TH</sup> TO 13<sup>TH</sup> FEBRUARY, 2017

**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 mainly sunny intervals the entire day for much of the forecast period. However, on Wednesday there may be afternoon showers over few places;

**Northwestern (counties of Turkana, West Pokot and Samburu)** are expected to experience sunny intervals 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 mainly sunny intervals the entire day for much of the forecast period. However, on Tuesday and Wednesday there may be afternoon showers over few places;

**Northeastern (counties of Marsabit, Mandera, Wajir, Garissa and Isiolo)** are expected to experience sunny intervals the entire day throughout the forecast period;

**Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta)** are expected to experience sunny intervals the entire day 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 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%

<i>Rainfall categories</i>	
<i>Range</i>	<i>Category</i>
<5 mm	Light
5 - 20mm	Moderate
20 - 50mm	Heavy
>50mm	Very heavy

J. Gacheru

FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT