



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

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID  
 17<sup>TH</sup> TO 23<sup>RD</sup> JAN 2017**

*Issue Date: 16/01/2017*

**Review of weather for the last seven-day period 9<sup>th</sup> to 15<sup>th</sup> Jan 2017):**

- Rainfall was recorded only in Kirinyaga and Nyeri, the rest of the country remained hot and dry
- There was an increase in day-time (maximum) temperatures over some parts of the country and a decrease in others mainly the Coastal region, parts of Rift Valley and Central Kenya.
- Night-time (minimum) temperatures generally decreased throughout the country but increased over Kericho, Kisii, Mandera, Moyale and JKIA.

**Forecast for the next seven days (17<sup>th</sup> to 23<sup>rd</sup> Jan 2017):**

*The forecast indicates that:*

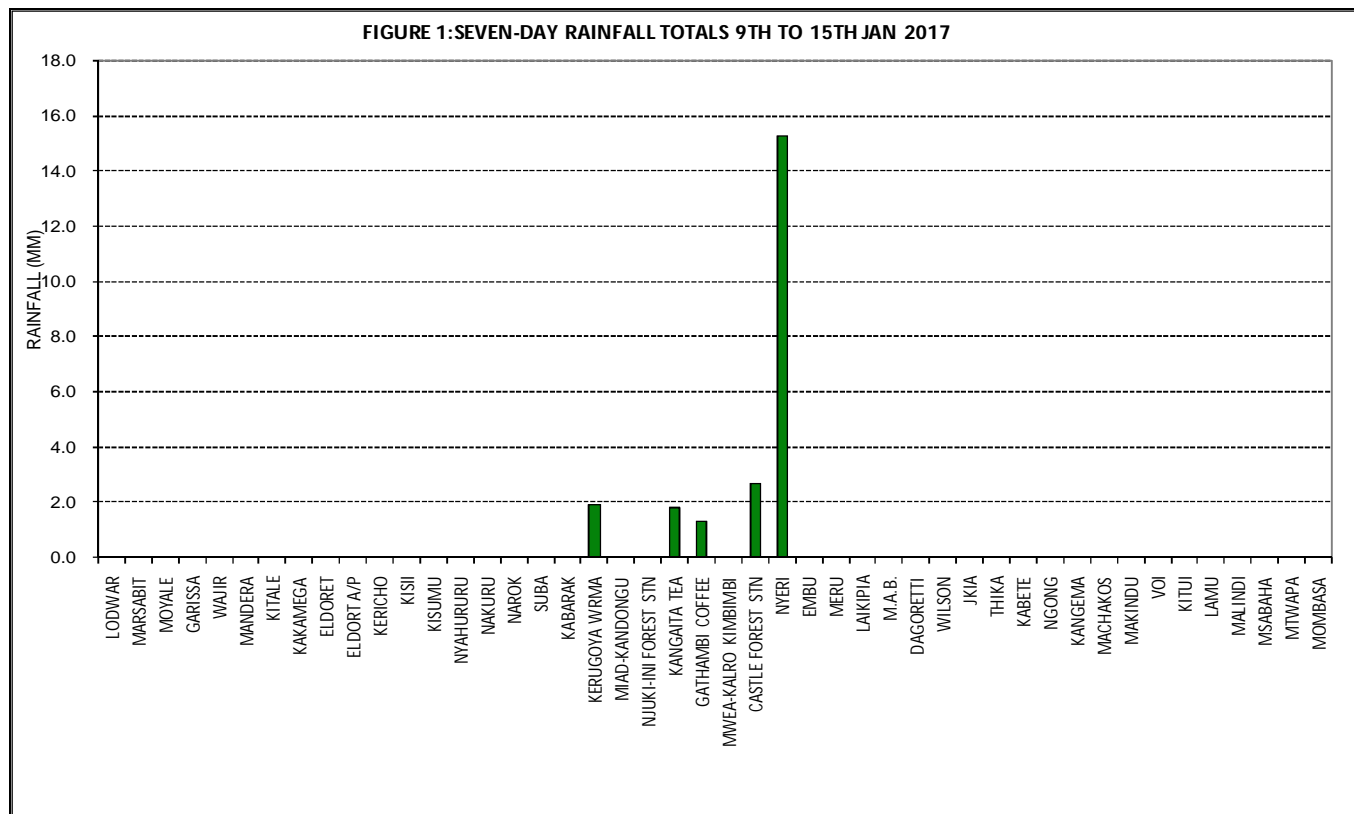
- Mainly dry conditions to prevail.
- Few days of light rainfall expected in the extreme south of the country
- High day time temperatures and low night time temperatures characteristic of January to continue over most parts of the country.

**1. Weather Review for the last seven days 9<sup>th</sup> to 15<sup>th</sup> Jan 2017**

**1.1 Rainfall Review**

Rainfall was recorded only in Kirinyaga and Nyeri, the rest of the country remained hot and dry. (see **Fig 1** below).

**FIGURE 1:SEVEN-DAY RAINFALL TOTALS 9TH TO 15TH JAN 2017**



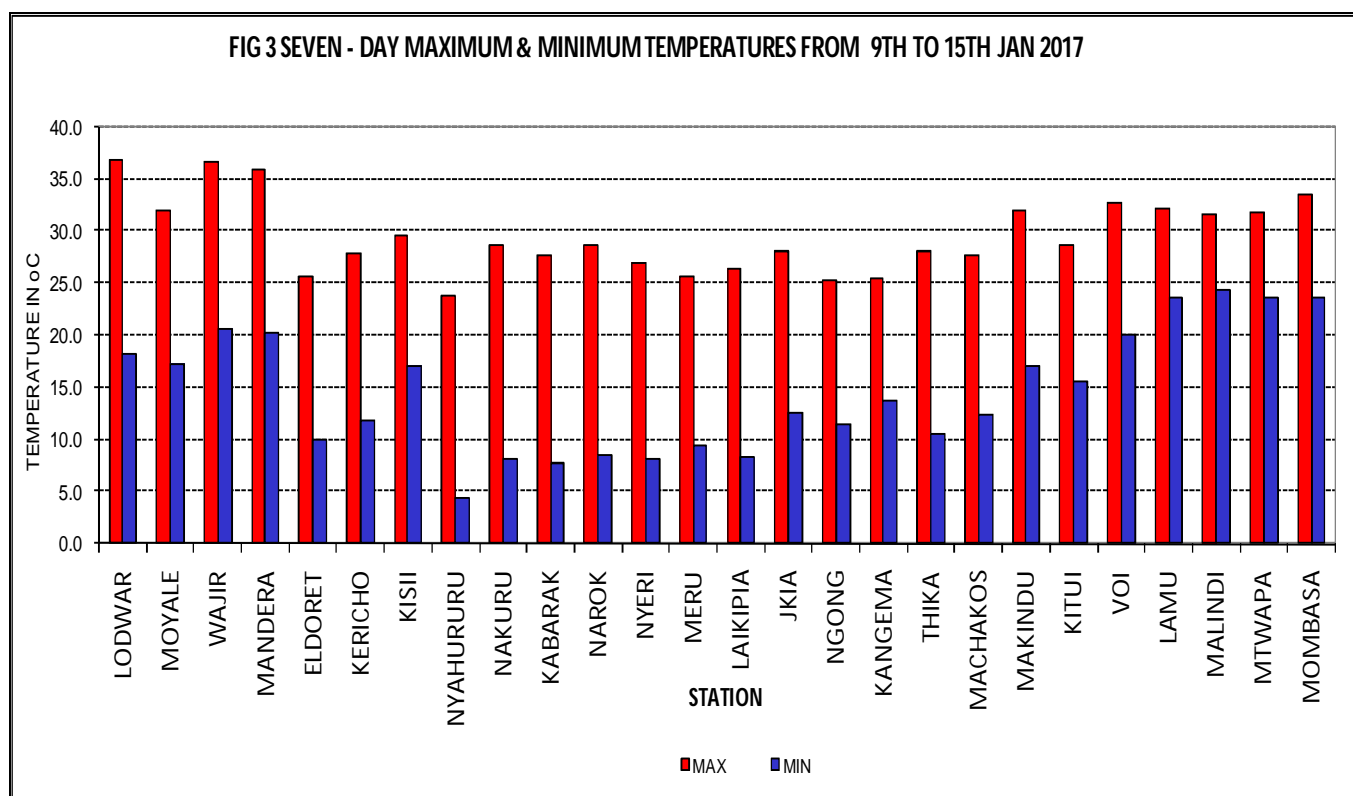
During this period, Nyeri Meteorological station recorded the highest seven-day total of 15.3mm which was recorded in two days (14<sup>th</sup> and 15<sup>th</sup> January)

## 1.2 Temperature

During the review period, there was an increase in day-time (maximum) temperatures over some parts of the country and a decrease in others mainly the Coastal region, parts of Rift Valley and Central Kenya.

Night-time (minimum) temperatures generally decreased throughout the country but increased over Kericho, Kisii, Mandera, Moyale and JKIA.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 38.1°C on 9<sup>th</sup> January while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 2.2°C on 12<sup>th</sup> January. The same stations recorded the highest seven-day average maximum temperature of 36.9°C and the lowest seven-day average minimum temperature of 4.3°C respectively. (See **Figure 3 below**)



## 2. FORECAST FOR THE NEXT SEVEN DAYS FROM 17<sup>TH</sup> TO 23<sup>RD</sup> JAN 2017

The forecast indicates that:

- Mainly dry conditions to prevail.
- Few days of light rainfall expected in the extreme south of the country
- High day time temperatures and low night time temperatures characteristic of January to continue over most parts of the country.

### DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 17<sup>TH</sup> TO 23<sup>RD</sup> JAN 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 throughout the forecast period. Friday and Saturday afternoon are likely to receive afternoon showers and thunderstorms in the South Rift;**

**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 sunny intervals the entire day throughout the forecast period;

**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 in the morning throughout the forecast period. Afternoon showers are expected over few places between Friday and Sunday and sunny intervals for the remaining afternoons;

**The Coastal strip** (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience light morning showers over few places between Wednesday and Sunday and sunny intervals for the remainder 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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**FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**