



REPUBLIC OF KENYA
**MINISTRY OF ENVIRONMENT, NATURAL RESOURCES &
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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID
 12TH TO 18TH JULY, 2016**

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Review of weather for the last seven-day period 4th to 10th July, 2016):

- Rainfall was reported in Western, the Rift Valley and parts of the Central Highlands and the Coast;
- There was an increase over some areas and a decrease over others;
- Day-time (maximum) temperatures decreased over much of the country except over a few areas like Kisumu, Narok and Msabaha;
- Night-time (minimum) temperatures increased over Western and the Rift Valley and decreased over the rest of the country.

Forecast for the next seven days (12th to 18th July, 2016):

The forecast indicates that:

- Areas within the Rift Valley, Western and parts of the Central Highlands are expected to continue receiving rainfall;
- Relatively cool temperatures are expected at the beginning of the forecast period becoming warmer as the forecast period progresses.

1. Weather Review for the last seven days 4th to 10th July, 2016

1.1 Rainfall Review

Rainfall was reported in Western, the Rift Valley and parts of the Central Highlands and the Coast as depicted in **Fig 1**. Compared to the previous seven-day period, there was an increase over some areas and a decrease over others.

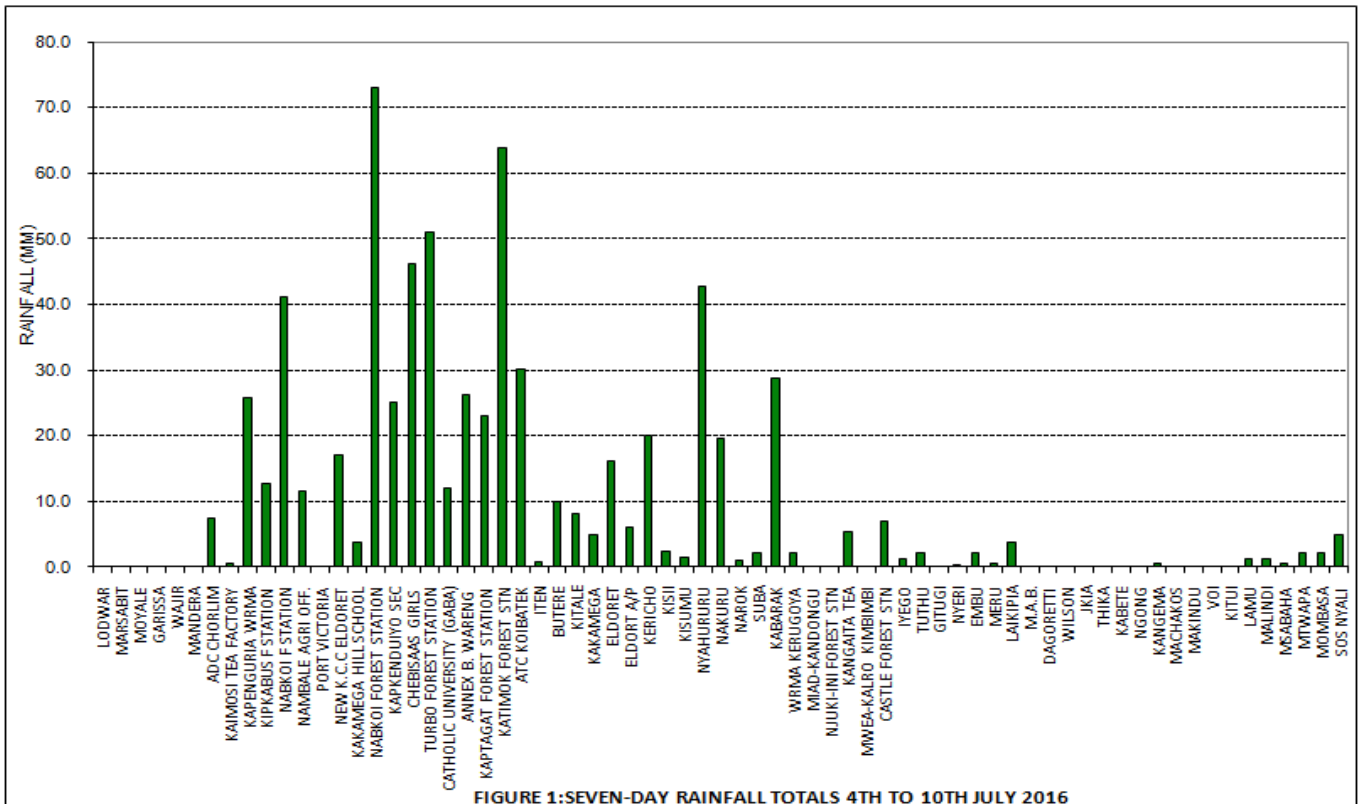


FIGURE 1: SEVEN-DAY RAINFALL TOTALS 4TH TO 10TH JULY 2016

Figure 2 depicts the spatial distribution of the rainfall totals over the country during the seven-day review period (4th to 10th July, 2016). During this review period, Nabkoi Forest Station in the Rift Valley recorded the highest seven-day total of 73.0mm. On the other hand, Chebisaa Girls' High School (also in the Rift Valley) recorded the highest amount of rainfall in 24 hours (46.2mm on 10th July).

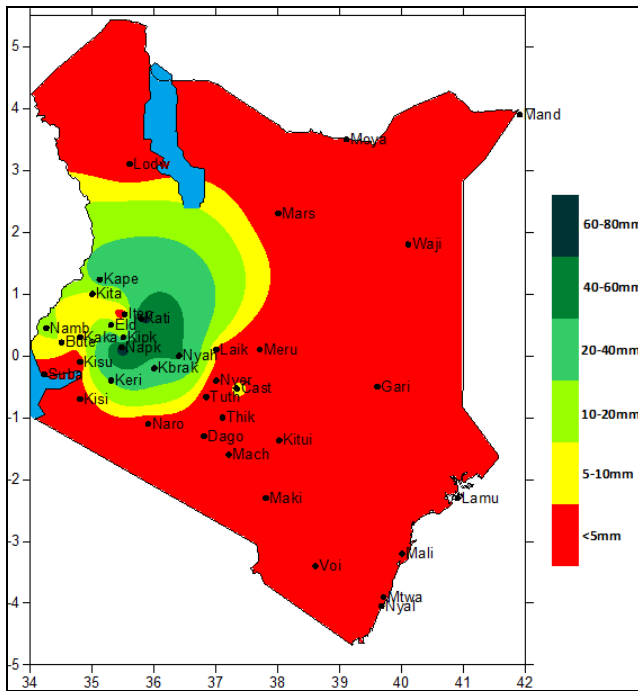


Fig 2: Spatial map of rainfall totals for 4th to 10th July, 2016.

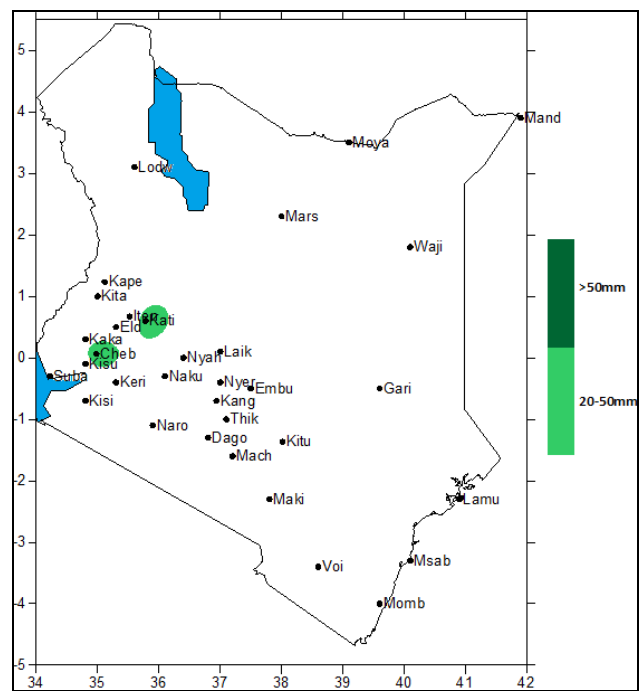


Fig 3: Spatial map of areas that received more than 20mm of rainfall within 24 hours.

1.2 Temperature

During the review period, day-time (maximum) temperatures decreased over much of the country except over a few areas like Kisumu, Narok and Msabaha. Night-time (minimum) temperatures increased over Western and the Rift Valley and decreased over the rest of the country.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 34.1°C on 9th July while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 7.0°C on 10th July. Lodwar also recorded the highest seven-day average maximum temperature of 33.4°C while Machakos recorded the lowest seven-day average minimum temperature of 9.3°C. (See Figure 4 below)

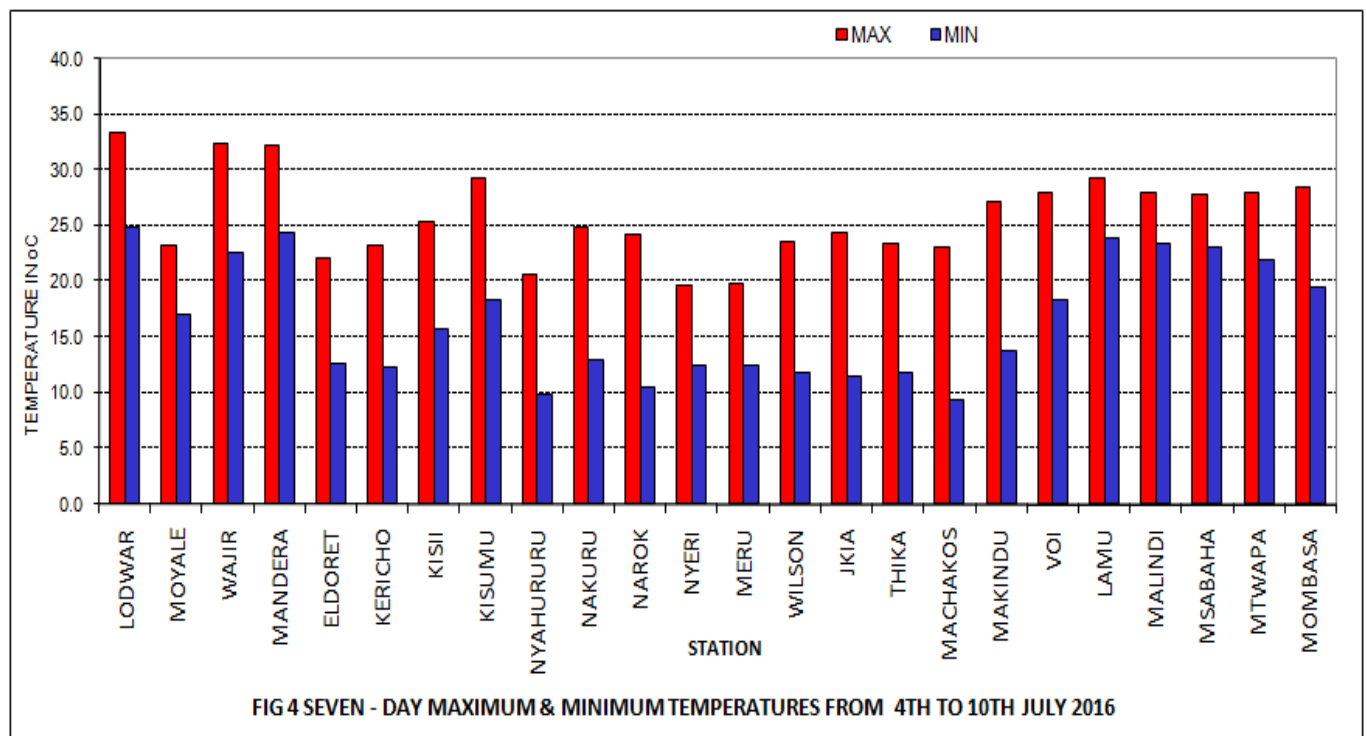


FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 4TH TO 10TH JULY 2016

2. FORECAST FOR THE NEXT SEVEN DAYS FROM 12TH TO 18TH JULY, 2016

The forecast indicates that:

- Areas within the Rift Valley, Western and parts of the Central Highlands are expected to continue receiving rainfall;
- Relatively cool temperatures are expected at the beginning of the forecast period becoming warmer as the forecast period progresses.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 12TH TO 18TH 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 as well as on the first day;

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 and afternoon showers over few places during the entire 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 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 occasional 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 DIRECTOR OF METEOROLOGICAL SERVICES