



REPUBLIC OF KENYA
**MINISTRY OF ENVIRONMENT, NATURAL RESOURCES &
 REGIONAL DEVELOPMENT AUTHORITIES**
KENYA METEOROLOGICAL DEPARTMENT

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**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 8TH
 TO 14TH MARCH, 2016**

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Review of weather for the last seven-day period 29th Feb to 6th, 2016):

- Several parts of the country reported rainfall throughout the review week mainly over the Coastal region, as well as parts of Central Kenya and the North east.
- Compared to the previous seven-day period, there was an almost equal number of stations reporting increases as those reporting decreases
- Both Day-time (maximum) and night-time (minimum) temperatures increased over most parts of the country and decreased over few areas.

Forecast for the next seven days (8th to 14th March, 2016):

The forecast indicates that:

- Rainfall is expected over several parts of the country at the beginning of the forecast period and expected to clear as the period progresses.

1. Weather Review for the last seven days 29th Feb to 6th, 2016

1.1 Rainfall Review

Several parts of the country reported rainfall throughout the review week mainly over the Coastal region, as well as parts of Central Kenya and the North east. (See Fig 1) Compared to the previous seven-day period, there was an almost equal number of stations reporting increases as those reporting decreases.

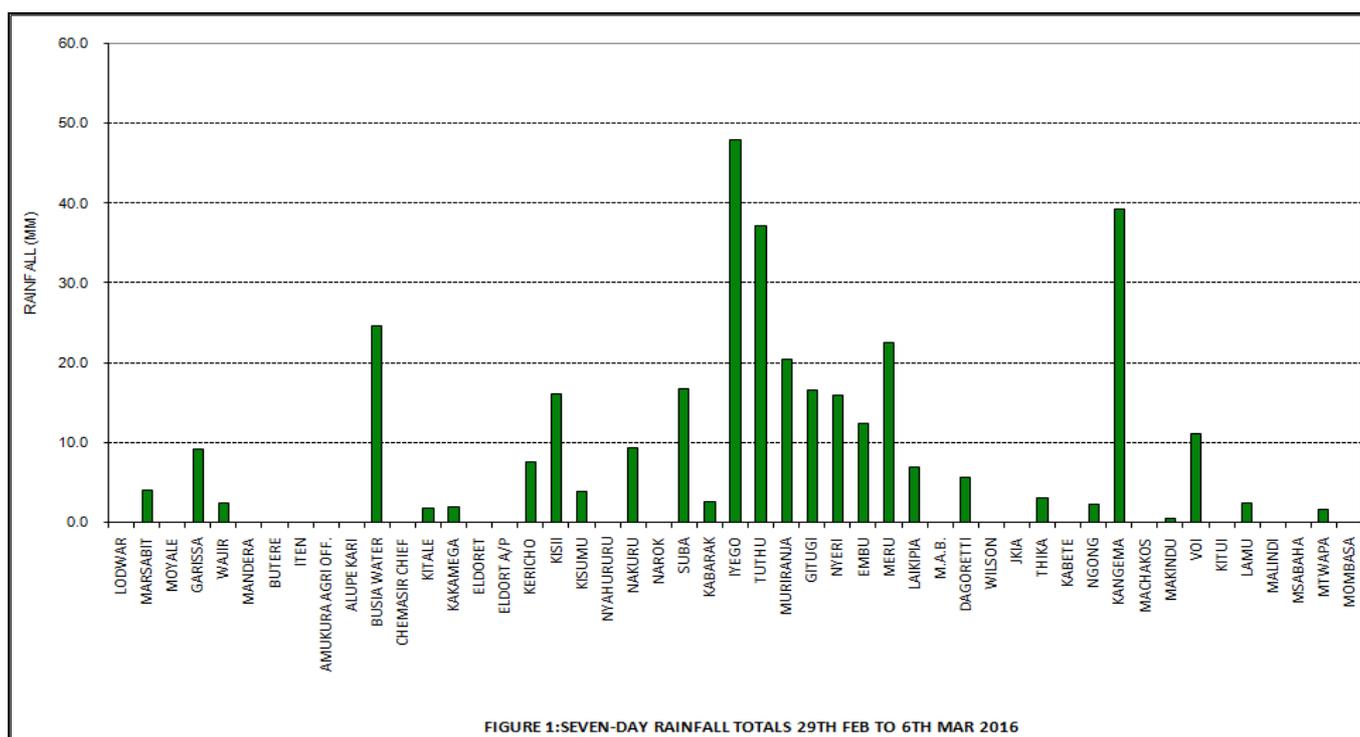


FIGURE 1: SEVEN-DAY RAINFALL TOTALS 29TH FEB TO 6TH MAR 2016

Figure 2 depicts the spatial distribution of the rainfall totals for the seven-day review period (29th Feb to 6th, 2016) over the country. During the review period Iyego rainfall station in Central Highlands Station recorded the highest seven day total of 48.0mm. Tuthu rainfall station recorded the highest amount of rainfall within 24 hours (26.4mm on 1st March, 2016) as depicted in **figure 3**.

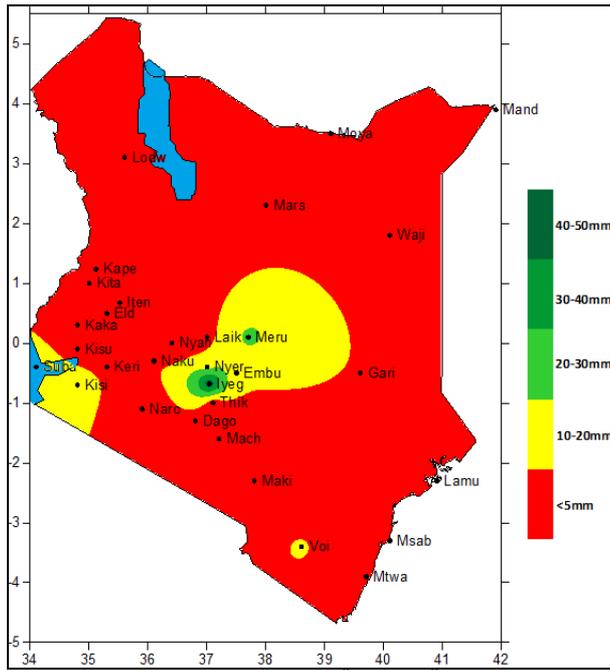


Fig 2: Spatial map of rainfall totals for 29th Feb to 6th, 2016.

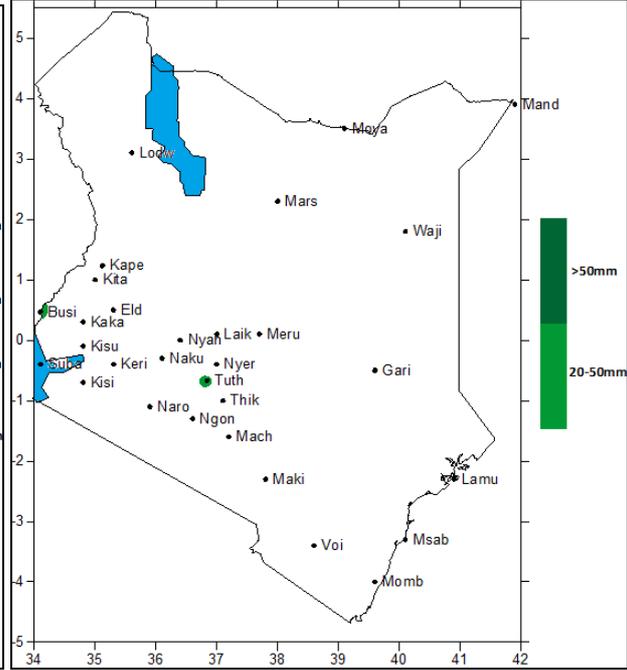


Fig 3: Spatial map of areas that received heavy rainfall (>24mm/24 hrs)

1.2 Temperature

During the review period, day-time (maximum) temperatures generally increased over most parts of the country except over few stations. Night-time (minimum) temperatures likewise increased over most parts of the country but decreased over far fewer others.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 39.2°C 25th February, 2016. Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.0°C on 23rd February, 2016. The same stations recorded the highest seven-day average maximum temperature of 38.3°C (Lodwar too) and the lowest seven-day average minimum temperature of 6.8°C respectively. (See **Figure 4** below)

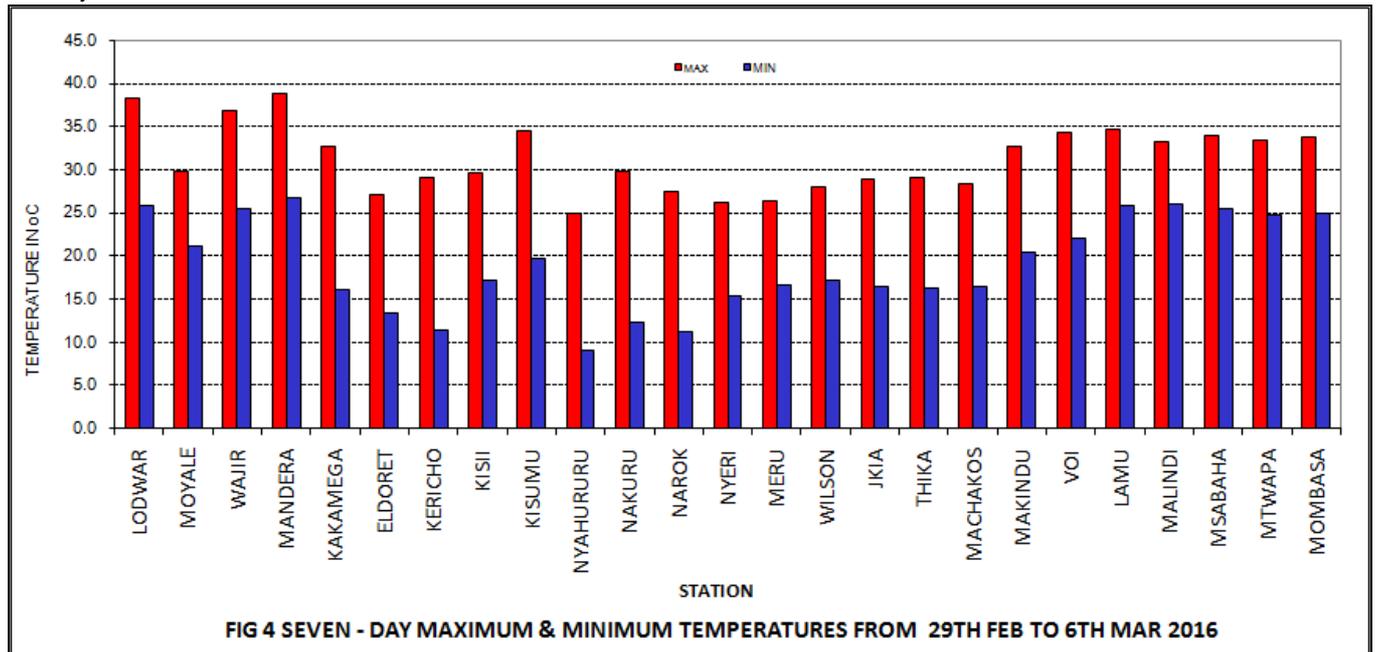


FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 29TH FEB TO 6TH MAR 2016

2. FORECAST FOR THE NEXT SEVEN DAYS FROM 8TH TO 14TH MARCH, 2016

The forecast indicates that:

- Rainfall is expected over several parts of the country at the beginning of the forecast period and expected to clear as the period progresses.

3. DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 8TH TO 14TH MARCH, 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 throughout the forecast period. Afternoon/evening showers and thunderstorms are expected over few places from Tuesday to Friday while the rest of the afternoons will experience sunny intervals;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience mainly sunny intervals the whole day for much of the forecast period. Tuesday to Thursday are however expected to experience isolated afternoon/evening showers and thunderstorms;

Central Highlands including, Nairobi area (counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are expected to experience cloudy mornings giving way to sunny intervals for much of the forecast period. Afternoon/evening showers are expected over few places from Tuesday to Friday while the rest of the afternoons will experience sunny intervals;

Northeastern (counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) are expected to experience morning rains over few places from Tuesday to Saturday the rest of the forecast period is expected to be mainly dry with sunny intervals the whole day;

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience cloudy mornings giving way to sunny intervals for much of the forecast period. Afternoon/evening showers are expected over few places from Tuesday to Friday while the rest of the afternoons will experience sunny intervals;

The Coastal strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale) are expected to experience mainly sunny intervals the entire day for much of the forecast period. Tuesday to Friday mornings are however likely to receive showers over few places.

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