



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & NATURAL RESOURCES
KENYA METEOROLOGICAL DEPARTMENT

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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 22ND TO 28TH AUGUST, 2017

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Review of weather for the last seven-day period 14th to 20th Aug, 2017):

- Rainfall was recorded over the Highlands West of the Rift Valley (heavy rainfall), Coast, Central Kenya and parts of Nairobi.
- Day-time (maximum) temperatures increased throughout the country, however decreases were observed in Lamu, Mombasa and Moyale.
- Night-time (minimum) temperatures likewise increased over most of the country but decreased over few areas.

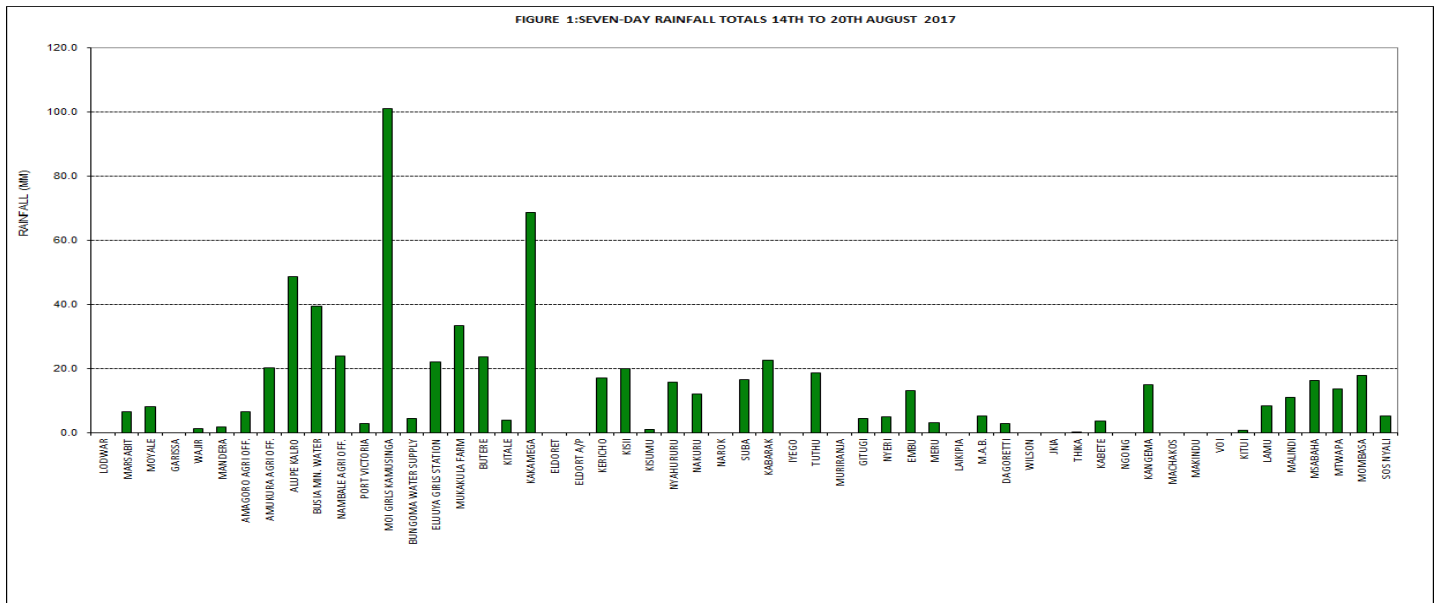
Forecast for the next seven days (15th to 21st August, 2017):
The forecast indicates that:

- Rainfall is expected mainly in the Highlands West of the Rift Valley;

1. Weather Review for the last seven days (14th to 20th Aug, 2017)

1.1 Rainfall Review

Rainfall was recorded over the Highlands West of the Rift Valley (heavy rainfall), Coast, Central Kenya and parts of Nairobi. (See Figure 1).



Moi Girls Kamusinga station recorded the highest seven-day total of 110.0mm as well as the highest rainfall received within 24 hours (46 mm on 20th August).

Compared to the previous review period, there was a general decrease in rainfall amounts over most parts of the country. **Figure 2** shows the spatial distribution of rainfall during the review period. **Figure 3** shows stations that recorded heavy (>20mm/24hrs) rainfall during the review period.

FIG 2: RAINFALL TOTALS FOR 14TH TO 20TH AUGUST, 2017

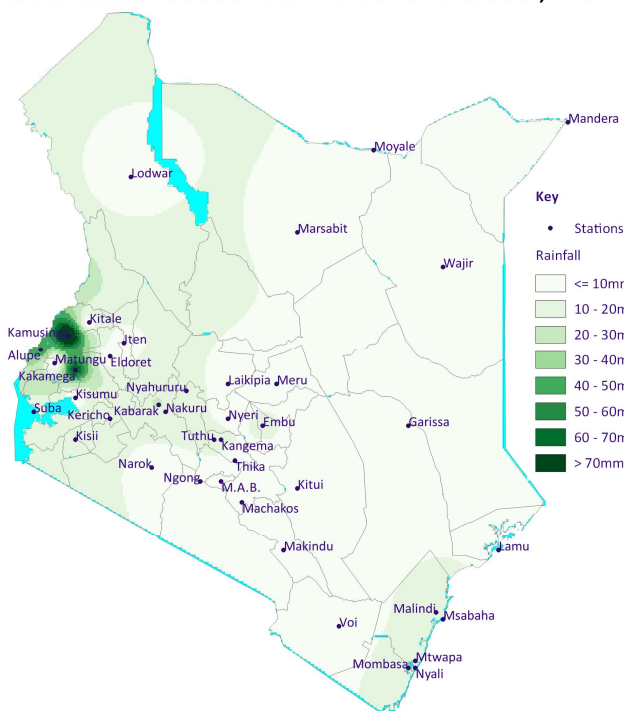


FIG 3: AREAS THAT RECORDED HEAVY TO VERY HEAVY RAINFALL

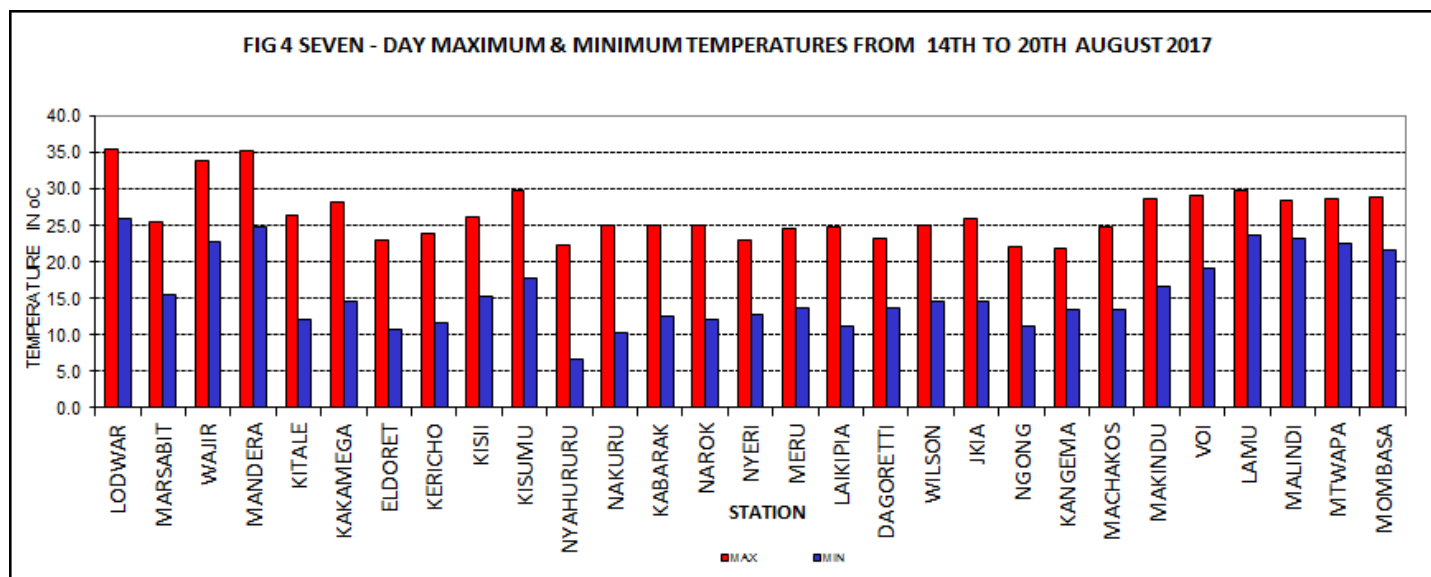


1.2 Temperature

During the review period, day-time (maximum) temperatures increased throughout the country, however decreases were observed in Lamu, Mombasa and Moyale. Night-time (minimum) temperatures likewise increased over most of the country but decreased over few areas.

Mandera Meteorological Station recorded the highest daily maximum temperature of 37.1°C on 18th August while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 5.2°C on 20th August. Lodwar meteorological station recorded the highest seven-day average maximum temperature of 35.4°C while Nyahururu recorded the lowest seven-day average minimum temperature of 6.6°C. (See **Figure 4** below)

FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 14TH TO 20TH AUGUST 2017



FORECAST FOR THE NEXT SEVEN DAYS FROM 22ND TO 28TH AUGUST, 2017

The forecast indicates that:

- Rainfall is expected mainly in the Highlands West of the Rift Valley;

1.2 DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 22ND TO 28TH AUGUST, 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, Uasin Gishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Narok, Kajiado, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia) are expected to experience occasional morning rains over few places during the forecast period. Afternoon showers and thunderstorms are expected over few places throughout the forecast period;

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 Friday may however receive showers and thunderstorms over few places in the afternoon;

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 throughout the forecast period. Afternoon showers over few high ground areas are expected during 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. Friday morning may however receive morning rains around Moyale;

Southeastern (counties of Kitui, Makueni, Machakos and Taita Taveta) are expected to experience mainly sunny intervals the whole day throughout the forecast period;

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. Morning showers over few places may however be experienced on Tuesday and Thursday.

N.B: This forecast should be used in conjunction with the daily (24-hour) forecast issued by this Department.

KEY OF SCIENTIFIC WORDS USED

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

<i>Rainfall coverage</i>	
<i>Term</i>	<i>Meaning</i>
Most Places	Between 66% and 100%
Several Places	Between 33% and 66%
Few Places	Between 0 and 33%

Patricia A.N

FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT