



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & NATURAL RESOURCES
KENYA METEOROLOGICAL DEPARTMENT

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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 27TH JUNE TO 3RD JULY, 2017

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Review of weather for the last seven-day period 19th to 25th June, 2017):

- Several areas mainly within the Highlands West and East of the Rift Valley and the Coast received some rainfall during the past week;
- Day-time (maximum) temperatures increased over much of the country;
- Night-time (minimum) temperatures generally decreased over most parts.

Forecast for the next seven days (27th June to 3rd July, 2017):

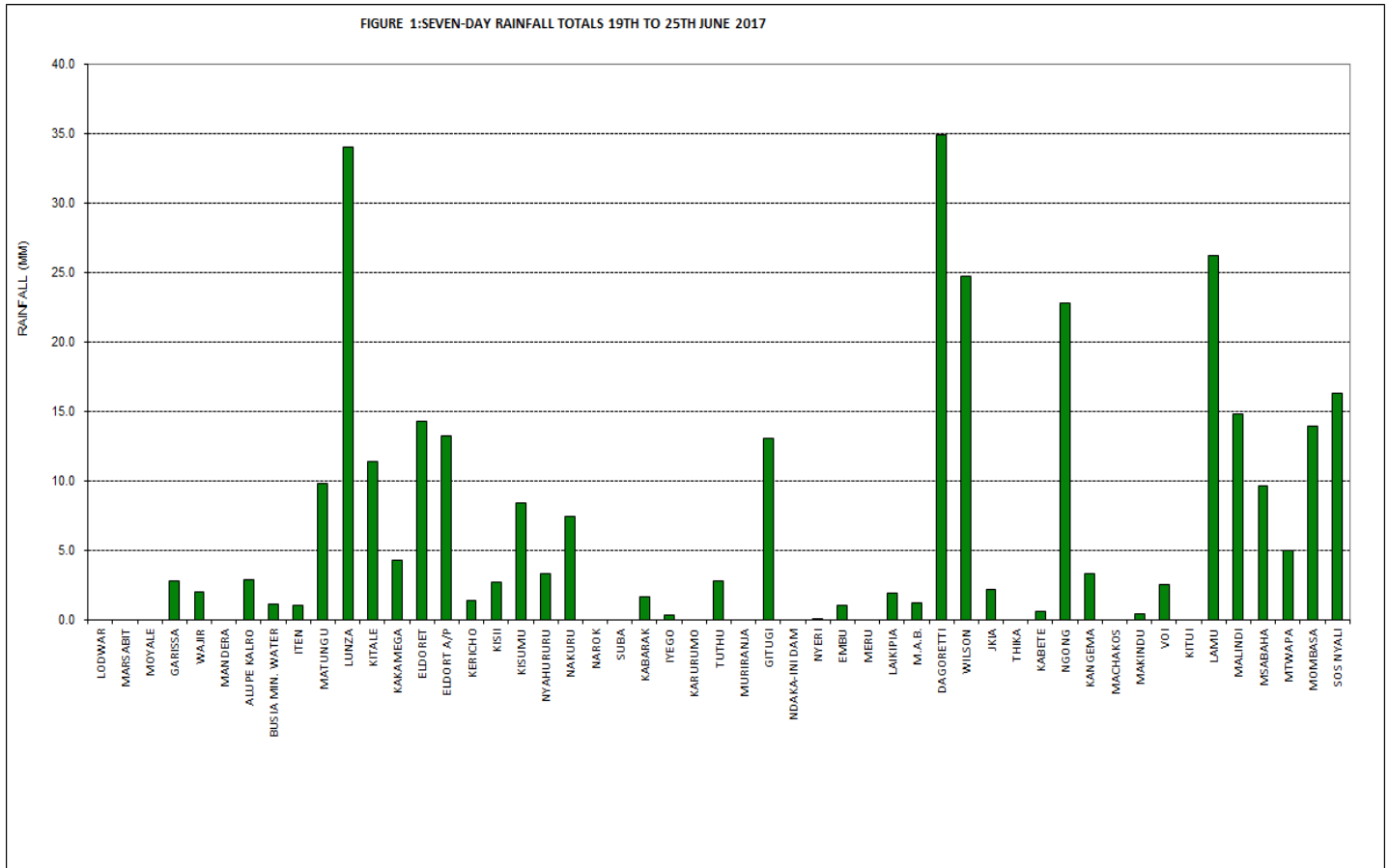
The forecast indicates that:

- The Highlands West of the Rift Valley and the Coast are expected to continue receiving rains during the forecast period. The rest of the country is expected to remain mainly dry;

1. Weather Review for the last seven days (19th to 25th June, 2017)

1.1 Rainfall Review

Several areas mainly within the Highlands West and East of the Rift Valley and the Coast received some rainfall during the past week. (See **Figure 1**).



Dagoretti Meteorological Station recorded the highest seven-day total of 34.9mm which was also the highest amount of rainfall recorded in the country within 24hours. This rain fell on 21st June.

Compared to the previous review period most parts of the country recorded significant decreases in rainfall amounts, however Nairobi recorded notable increases. **Figure 2** shows the spatial distribution of rainfall during the review period. **Figure 3** shows stations that recorded heavy (>20mm/24hrs) and very heavy (>50mm/24hrs) rainfall during the review period.

FIG 2: RAINFALL TOTALS FOR 19TH TO 25TH JUNE, 2017

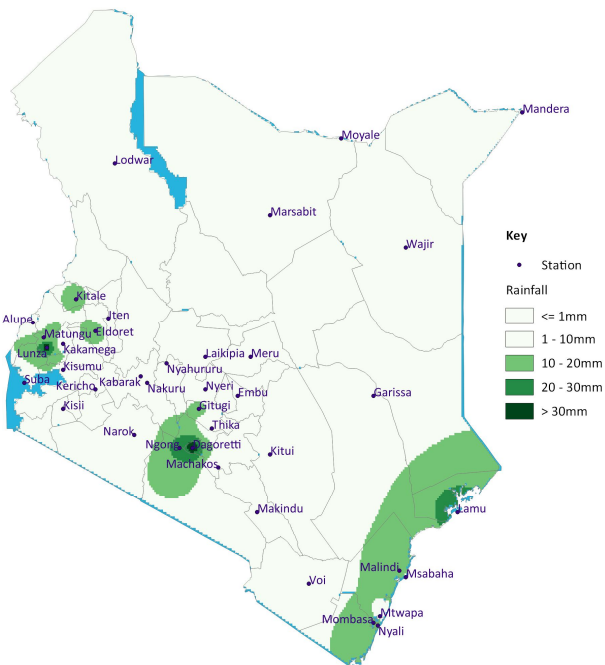
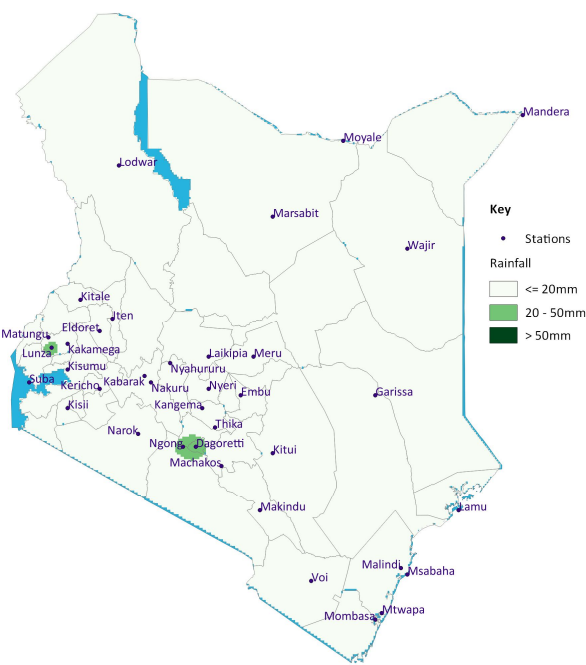


FIG 3: AREAS THAT RECORDED HEAVY TO VERY HEAVY RAINFALL

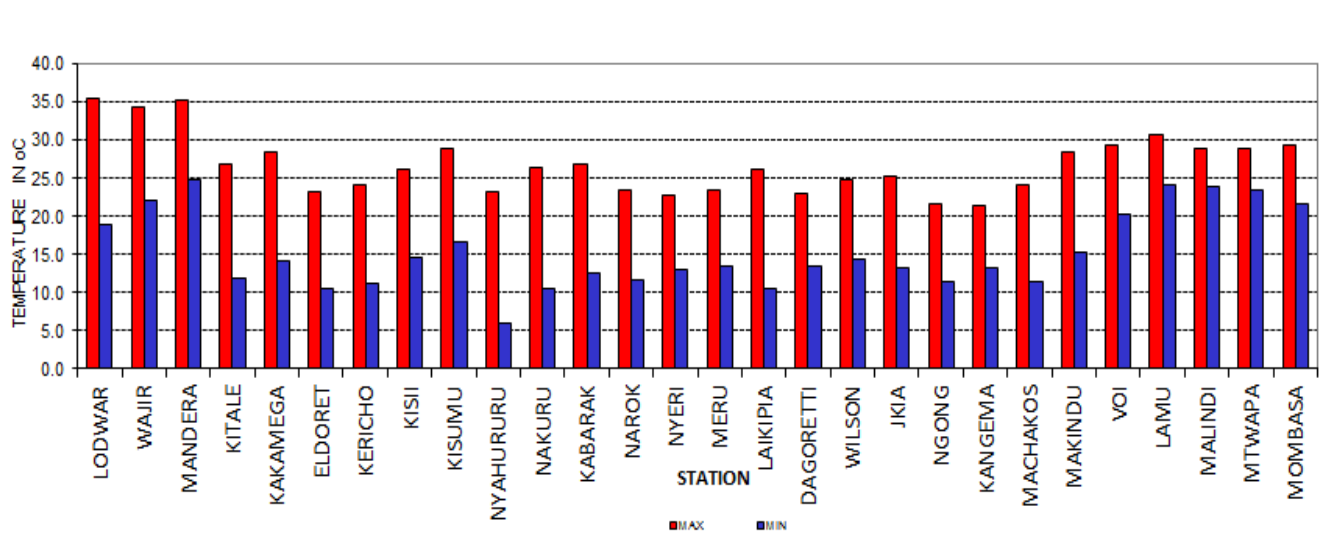


1.2 Temperature

During the review period, day-time (maximum) temperatures increased over much of the country but some areas like Mandera, Voi and Mombasa recorded decreases. On the other hand, night-time (minimum) temperatures generally decreased over most parts although areas like Meru, Voi and Wilson recorded slight increases.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 35.9°C on 22nd June while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 3.6°C on 24th June. The same stations recorded the highest seven-day average maximum temperature of 35.4°C and the lowest seven-day average minimum temperature of 5.9°C respectively. (See **Figure 4** below)

FIG 4 SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FROM 19TH TO 25TH JUNE 2017



FORECAST FOR THE NEXT SEVEN DAYS FROM 27TH JUNE TO 3RD JULY, 2017

The forecast indicates that:

- The Highlands West of the Rift Valley and the Coast are expected to continue receiving rains during the forecast period. The rest of the country is expected to remain generally dry.

1.2 DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 27TH JUNE TO 3RD JULY, 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 sunny intervals in the morning and afternoon showers and thunderstorms over several places throughout the forecast period;

Northwestern (counties of Turkana, West Pokot and Samburu) are expected to experience sunny intervals the whole 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 cloudy mornings giving way to sunny intervals. Afternoon showers are likely over few places towards the end of 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 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. However, morning showers are likely over few places at the beginning 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

<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%

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FOR THE DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT