



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY
KENYAMETEOROLOGICALDEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya

Telephone: 254 (0) 20 3867880-7, 254 724 255 153/4

e-mail: director@meteo.go.ke, info@meteo.go.ke Website: <http://www.meteo.go.ke>

Our Ref: MET/7/43

Issue date: 9th March, 2020

WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 10TH TO 16TH MARCH, 2020

Forecast for the next seven days (10th to 16th March, 2020):

- Rainfall is likely to continue over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, the Highlands East of the Rift Valley (including Nairobi area) and the South-eastern Lowlands.
- Rainfall amounts are likely to reduce over most parts of the country during the second half of the forecast period.

Review of weather for the last seven-day period (2nd to 8th March, 2020):

- Rainfall continued to be received over several parts of the country.
- Rainfall amounts increased over several parts of the country most notably the Highlands East of the Rift Valley and the South-eastern Lowlands.
- Both day-time (maximum) temperatures and night-time (minimum) temperatures increased over some stations and decreased over others.

1. FORECAST FOR THE NEXT SEVEN DAYS FROM 10TH TO 16TH MARCH, 2020.

Rainfall is likely to continue over the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, the Highlands East of the Rift Valley {including Nairobi area} and the South-eastern Lowlands.

A few areas within the Coastal Strip and the Northwest may also receive some rainfall. The Northeast is likely to be mainly sunny and dry throughout the forecast period.

Rainfall amounts are likely to reduce over most parts of the country during the second half of the forecast period.

1. 1 DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS (10TH TO 16TH MARCH, 2020)

The Lake Victoria Basin, the Highlands West of the Rift Valley and the Central and South Rift Valley (Counties of Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Trans Nzoia, Baringo, Uasin Gishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Narok, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia) are likely to experience occasional morning rains over few places giving way to sunny intervals at the beginning of the forecast period. Mornings are likely to be mainly sunny towards the end of the forecast period. Afternoon showers and thunderstorms are expected over several places on Tuesday and Wednesday and over few places on the following days. Evening showers are expected over few places between Tuesday and Thursday. The rest of the nights are expected to be partly cloudy.

Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience morning rains over few places between Tuesday and Thursday. Afternoon and evening showers and thunderstorms are expected over few places on Tuesday and Wednesday. The rest of the days are likely to be sunny and the nights partly cloudy.

Highlands East of the Rift Valley (including Nairobi area) (Counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are likely to experience occasional morning rains over few places giving way to sunny intervals at the beginning of the forecast period. Mornings are likely to be mainly sunny towards the end of the forecast period. Afternoon showers are expected over few throughout the forecast period. Evening showers are likely to occur over a few places on Tuesday and Wednesday. The rest of the nights are expected to be partly cloudy.

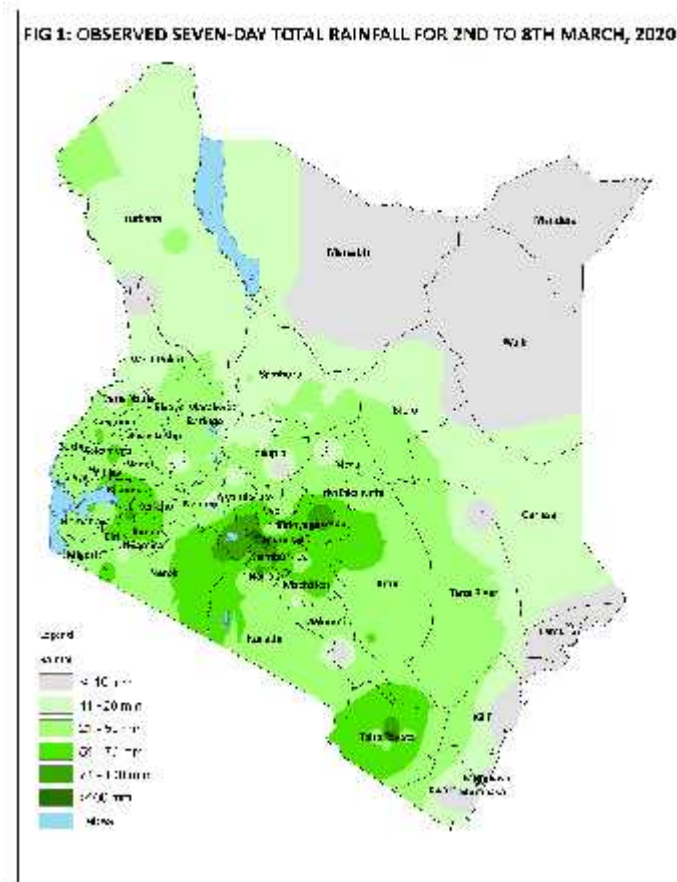
Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience sunny intervals during the day and partly cloudy skies at night throughout the forecast period. There is however a possibility of morning rains occurring over few places on Tuesday.

Southeastern Lowlands (Counties of Kajiado, Kitui, Makueni, Machakos and Taita Taveta) are likely to experience occasional morning rains over few places giving way to sunny intervals at the beginning of the forecast period. Mornings are likely to be mainly sunny towards the end of the forecast period. Afternoon showers are expected over few places between Tuesday and Thursday with the rest of the afternoons expected to be mainly sunny. Evening showers are expected over a few places on Tuesday and Wednesday. The rest of the nights are expected to be partly cloudy.

The Coastal Strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): is likely to experience late morning and early afternoon showers over few places between Tuesday and Saturday. Sunday and Monday are likely to be mostly sunny. Nights are expected to be partly cloudy throughout the forecast period.

2. WEATHER REVIEW FOR THE LAST SEVEN DAYS (2ND TO 8TH MARCH, 2020)

2.1 Rainfall Review



Rainfall continued to be received over several parts of the country mainly within the Lake Victoria Basin, the Highlands West of the Rift Valley, the Central and South Rift Valley, the Highlands East of the Rift Valley {including Nairobi area}, the Northwest and the South-eastern Lowlands depicted in **Figure 1, 2 and 3**.

Most parts of the Coastal Strip and the Northeast remained generally dry during the review period.

A comparison between the previous review period (24th February to 1st March, 2020) and the current review period (2nd to 8th March, 2020) indicates that rainfall amounts increased over several parts of the country most notably the Highlands East of the Rift Valley and the South-eastern Lowlands.

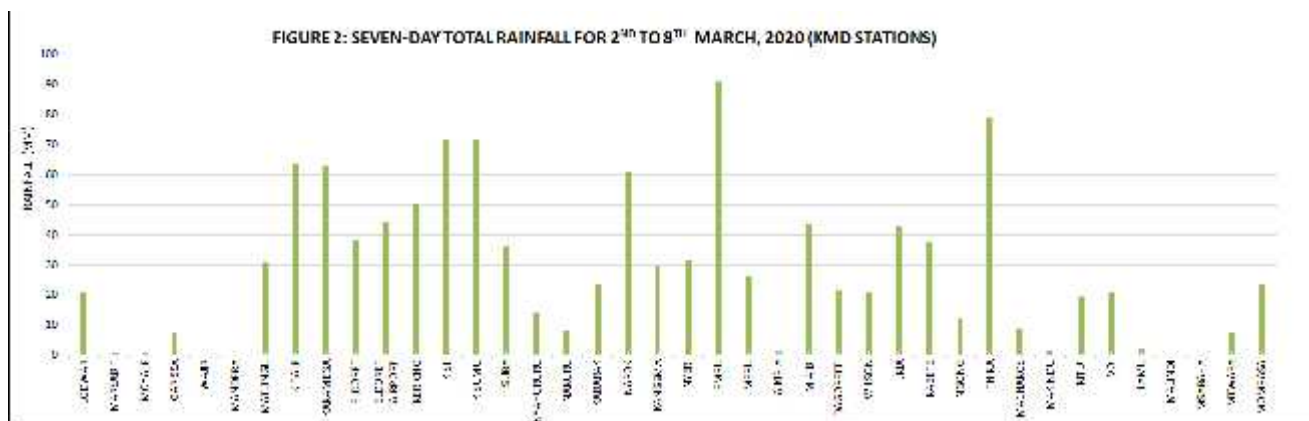
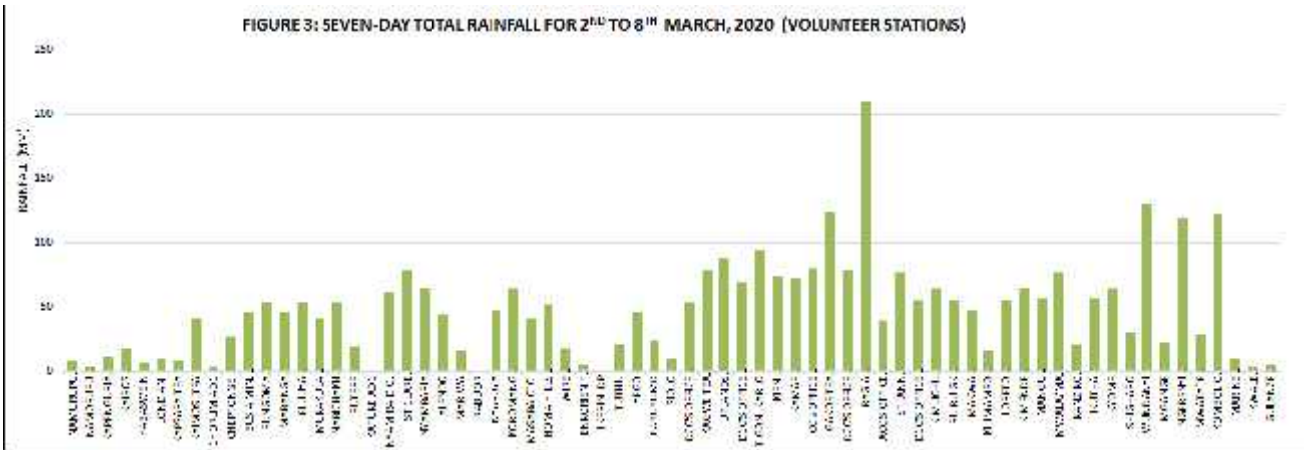


FIGURE 3: SEVEN-DAY TOTAL RAINFALL FOR 2ND TO 8TH MARCH, 2020 (VOLUNTEER STATIONS)



Ragia Forest Station in Kiambu County recorded the highest seven-day total rainfall of 210.1mm. Other stations that recorded significant rainfall totals during the review period are shown in **Table 1**.

TABLE 1: STATIONS WITH SIGNIFICANT SEVEN-DAY RAINFALL TOTALS

STATION	COUNTY	SEVEN-DAY TOTAL RAINFALL (mm)
WUNDANYI	TAITA TAVETA	130.0
GAKOE TEA ESTATE	KIAMBU	124.0
KOMBOLIO SEC SCH.	TAITA TAVETA	121.6
NGERENYI FTC (TTU)	TAITA TAVETA	118.8
TIGONI KARLO	KIAMBU	93.9
EMBU	EMBU	91.4
UPLANDS FOREST STATION	KIAMBU	88.1
CC'S OFFICE KIAMBU	KIAMBU	80.1
THIKA	KIAMBU	79.4
KAGWE TEA FACTORY	KIAMBU	79.4

Wundanyi Rainfall Station in Taita Taveta County recorded the highest amount of rainfall within 24-hours (130.0mm on 8th March, 2020). Other stations that recorded very heavy rainfall (more than 50mm within 24 hours) are depicted in **Table 2**.

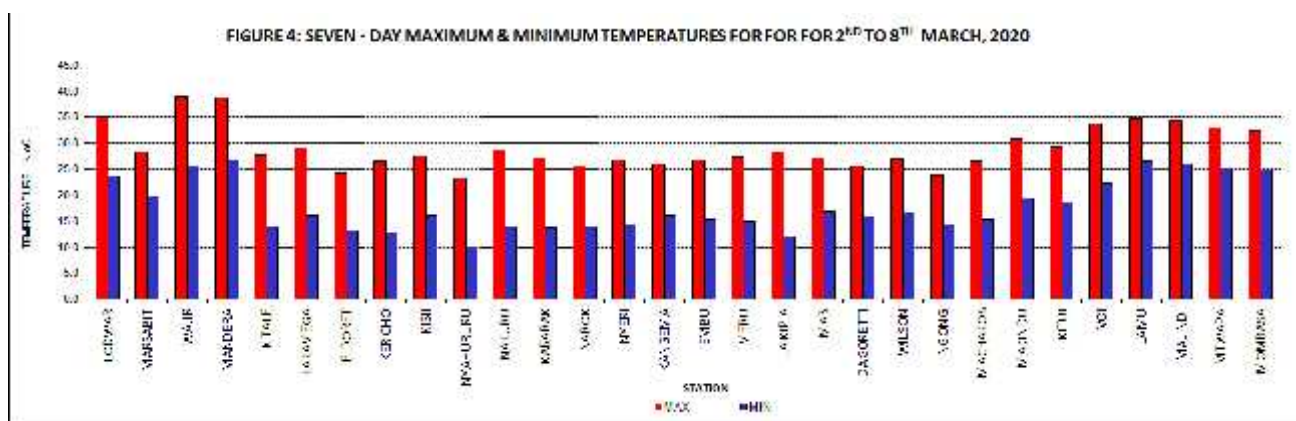
TABLE 2: STATIONS THAT RECORDED VERY HEAVY RAINFALL

STATION	COUNTY	AMOUNT (mm)	DATE
NGERENYI FTC (TTU)	TAITA TAVETA	118.8	8 th Mar 2020
KOMBOLIO SEC SCH.	TAITA TAVETA	109.3	8 th Mar 2020
RAGIA FOREST STATION	KIAMBU	96.7	3 rd Mar 2020
DCC'S OFFICE GATUNDU SOUTH	KIAMBU	67.0	7 th Mar 2020
KYOME	KITUI	64.7	5 th Mar 2020
IKUTHA	KITUI	57.3	2 nd Mar 2020
ST. ANN SURESH	KIAMBU	52.0	2 nd Mar 2020
DCC'S OFFICE GITHUNGURI	KIAMBU	50.0	8 th Mar 2020

2.2 Temperature Review

Comparing the previous review period (24th February to 1st March, 2020) and the current review period (2nd to 8th March, 2020), it is noted that day-time (maximum) temperatures increased over some stations including Malindi, Laikipia and Kisii and decreased over other stations including Lodwar, Mombasa and Eldoret. Night-time (minimum) temperatures also increased some stations including Nyeri, Kabarak and Mandera and decreased over others including Lodwar, Kitui and Kakamega.

Mandera Meteorological Station recorded the highest daily maximum temperature of 40.2°C on 6th March, 2020 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 7.7°C on the same day. The same stations also recorded the highest seven-day average maximum temperatures of 38.8°C and the lowest seven-day average minimum temperatures of 10.1°C respectively. See **Figure 5** below.



N.B: This forecast should be used in conjunction with the daily (24-hour) forecast issued by this Department. County weekly forecasts are available from the County Directors of Meteorology across the Country.

KEY OF SCIENTIFIC WORDS USED

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

Rainfall coverage	
Term	Meaning
Most Places	Between 66% and 100%
Several Places	Between 33% and 66%
Few Places	Below 33%

Stella Aura, MBS
DIRECTOR, KENYA METEOROLOGICAL DEPARTMENT