



**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT AND FORESTRY**  
**KENYA METEOROLOGICAL DEPARTMENT**

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**Biometeorological Services Division**

**WEEKLY BIOMETEOROLOGICAL BULLETIN (13<sup>TH</sup> -19<sup>TH</sup> APRIL 2021)**

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## 1 PREAMBLE

Biometeorology is an interdisciplinary science of interactions between atmospheric processes and living organisms - plants, animals and humans. The Bio Meteorological Section collects, analyzes, interprets meteorological data and issues the human health related forecast in partnership with the health sector.

## 2 REVIEW FOR LAST WEEK (5<sup>TH</sup> APRIL - 11<sup>TH</sup> APRIL, 2021)

### 2.1 High Rainfall

This section lists stations recorded more than 50 mm total rainfall in the last 7 days. These are shown in Table 1 below.

**Table 1:**

Station	Total weekly Rainfall
Kitui Met	118.2mm
Thika Met	117.7 mm
Kabete Met	113.1mm
Dagoretti Met	111.8mm
Kisumu Met	99.5mm
M.A.B Met	92.5mm
Wilson Met	92.5mm
Kisii Met	89.5mm
Kakamega Met	87.2mm
JKIA Met	83.2mm
Kericho Met	82.7mm
Kitale Met	62.5mm
Embu Met	62.1mm
Voi Met	57.9mm
Ngong Met	54.4mm

### 2.2 High Temperatures

This section lists stations that recorded Average Temperatures exceeding 35°C in the last 7 days. These are shown in Table 2 below.

**Table 2:**

Station	Average weekly Maximum Temperature
Lodwar Met	37.6°C
Mandera Met	37.1°C

### 2.3 Low Temperatures

This section lists stations that recorded Average Temperatures below 10°C in the last 7 days. These are shown in Table 3 below.

**Table 3:**

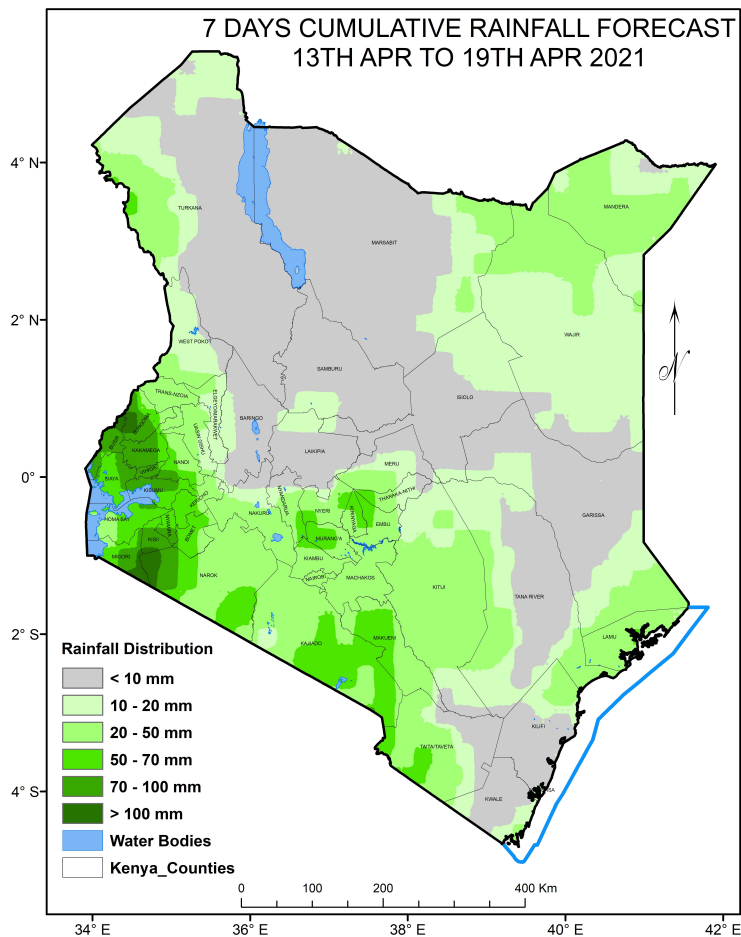
Station	Average weekly Minimum Temperature
Nyahururu Met	9.2°C

### 2.4 High Winds

This sections list stations that recorded winds with speeds of more than 25knots (12.9 metres per sec) in the last 7 days. This was experienced in Marsabit met station.

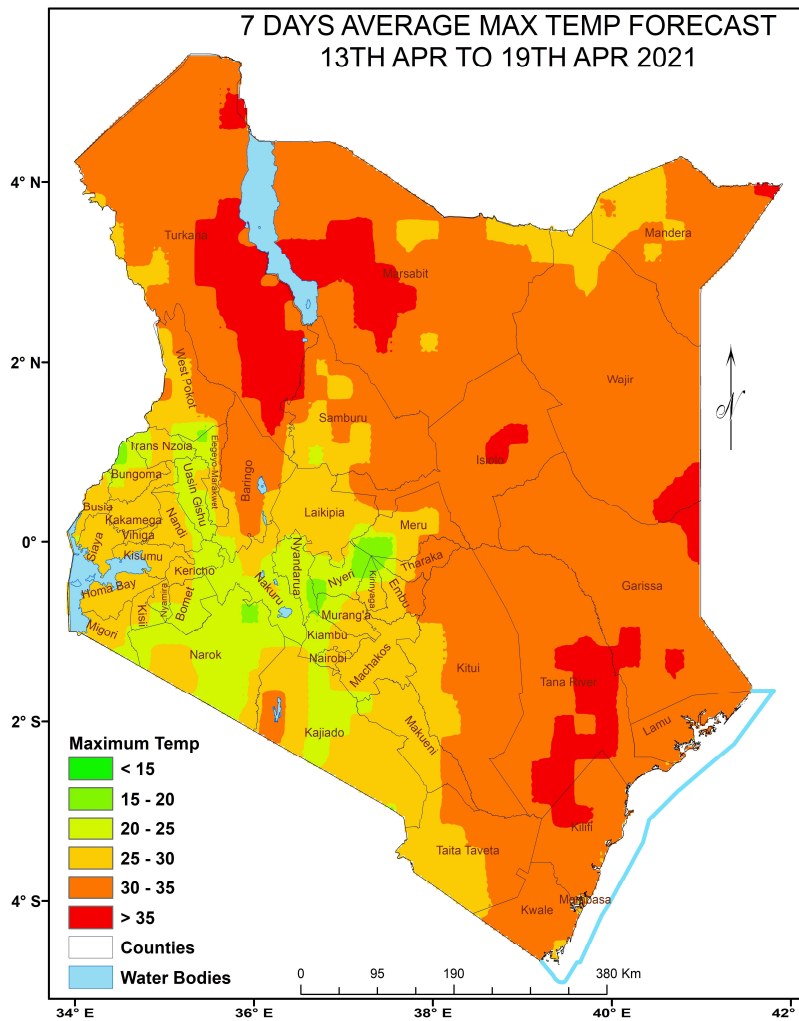
## 3 FORECAST FOR 13<sup>TH</sup> APRIL -19<sup>TH</sup> APRIL, 2021

### a) Rainfall



Rainfall exceeding 50mm are expected in parts of Busia, Kakamega, Bungoma, Vihiga, Kisumu, Siaya, Kisii, Migori, Narok, Kajiado, Muranga and Makueni Counties, during the forecast period (Tue 13<sup>th</sup> April to Mon 19<sup>th</sup> April, 2021).

**b) High Temperature**



Maximum Temperatures of more than 35°C are expected in parts of Wajir, Tana River and Turkana (Lodwar) Counties, during the forecast period (Tue 13<sup>th</sup> April to Mon 19<sup>th</sup> April, 2021).



**N.B: This forecast is to be used together with the daily (24-hour) forecast issued by this Department.**

Stella Aura, MBS

**DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**