



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT AND FORESTRY

KENYA METEOROLOGICAL DEPARTMENT

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Biometeorological Services Division

WEEKLY BIOMETEOROLOGICAL BULLETIN (11TH MAY-17TH May 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 (3RD MAY-9TH MAY, 2021)

2.1 High Rainfall

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

Table 1:

Station	Total weekly Rainfall
Eldoret A/Port	213.8mm
Eldoret Met	211.9mm
Meru Met	210.2mm
Lodwar Met	135.0mm
Kitale Met	126.2mm
Kericho Met	116.1mm
Nyeri Met	115.2mm
Moyale Met	112.8mm
Kisii Met	109.0mm
Kakamega Met	109.0mm
Wilson A/Port	97.4mm
Kabarak Met	97.4mm
Ngong Met	93.0mm
Moi Airbase	91.1mm
Kisumu Met	89.2mm
Suba Met	86.6mm
Nyahururu Met	83.2mm
Nakuru Met	82.6mm
Kangema Met	82.2mm
Narok Met	80.3mm
JKIA	54.9mm

Kabete Met	54.5mm
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2.2 High Temperatures

This section lists stations that recorded Average Temperatures exceeding 35°C in the last 7 days. No Station that recorded average temperatures above 35°C

2.3 Low Temperatures

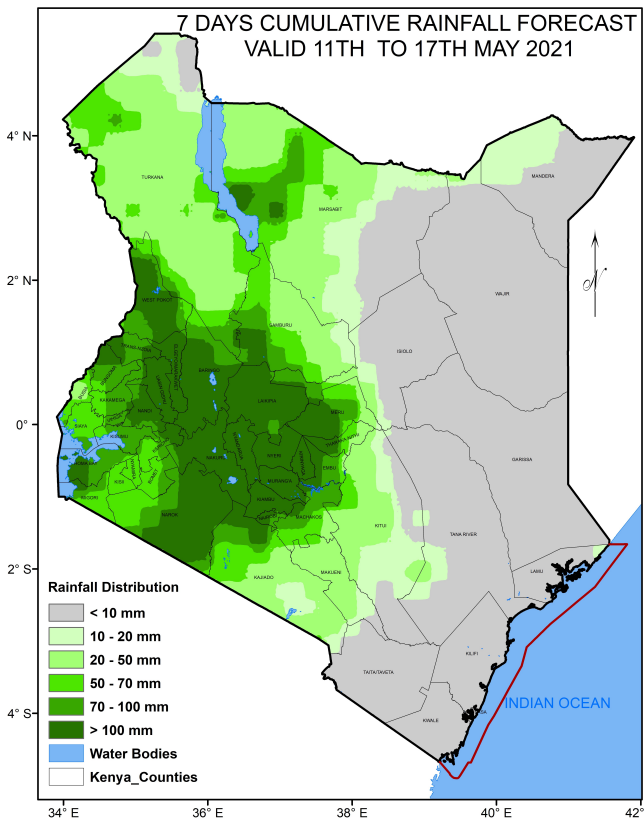
This section lists stations that recorded Average Temperatures below 10°C in the last 7 days. No station that recorded Average Minimum Temperatures below 10 °C

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.

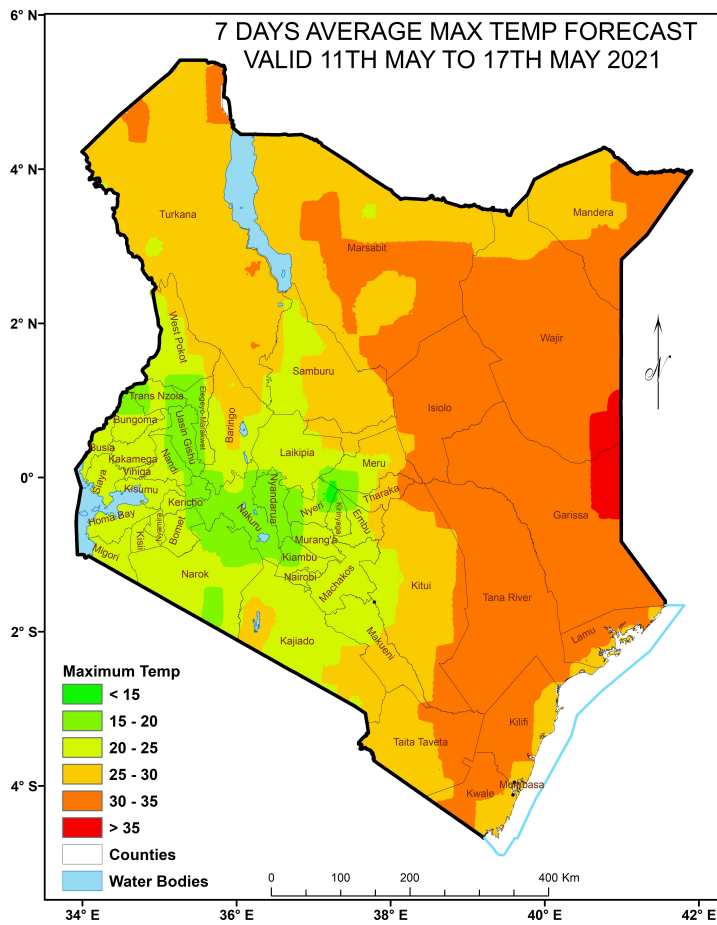
3 FORECAST FOR 11TH MAY-17TH MAY, 2021

a) Rainfall



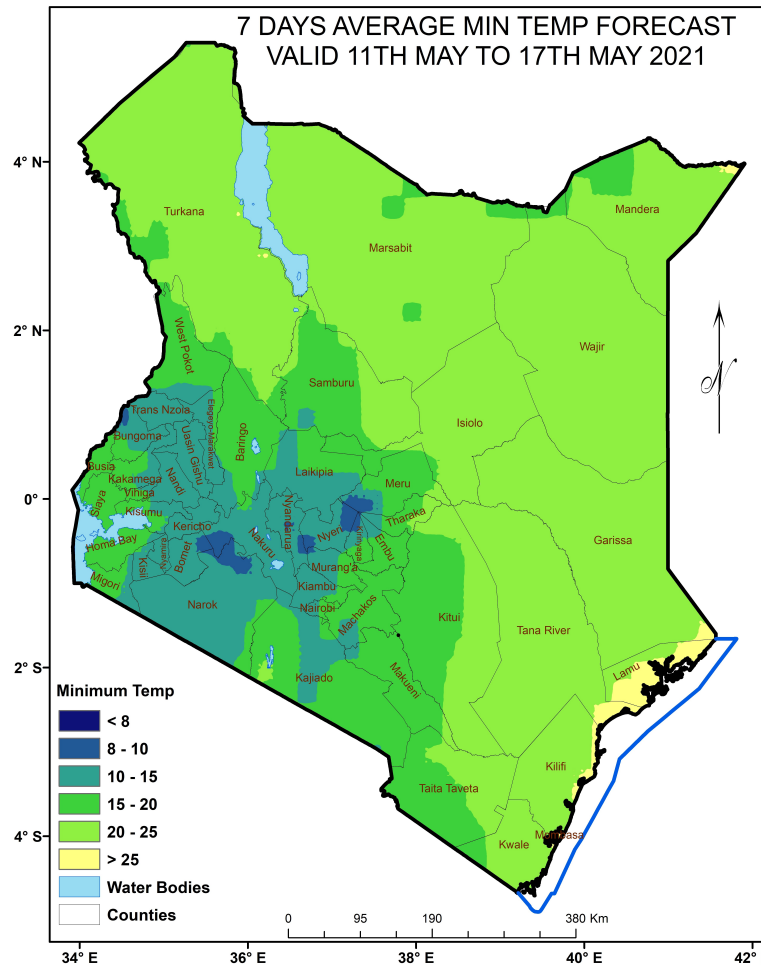
Rainfall exceeding 50mm are expected in parts of Busia, Kakamega, Bungoma, Vihiga, Kisumu, Transzoia, Nandi, Nakuru, Nairobi, Marsabit, Tharaka nithi, Meru, Muranga, Elgeyo Marakwet, Uasin Gishu, Baringo, Kirinyaga, Narok, Nandi ,Homabay, Laikipia, Nyandarua, Nyeri, West pokot and Kericho Counties, during the forecast period (Tue 11th May to Mon 17th May, 2021)

b) High Temperature



Maximum Temperatures of more than 35°C are expected in very few areas of Wajir and Garissa Counties, during the forecast period (Tue 11th May to Mon 17th May, 2021).

c) Low Temperature



Minimum Temperature of less than 10°C is expected in parts of Nyandarua (Nyahururu), Nyeri, Meru and Narok Counties, during the forecast period (Tue 11th May to Mon 17th May, 2021).

d) Winds

Winds of more than 25 knots (12.9m/s) are expected over parts of Marsabit, Garissa, Wajir and Turkana (Lodwar) Counties, during the forecast period (Tue 11th May to Mon 17th May, 2021).

4 Advisory

The areas expected to receive more than 50 mm of weekly total rainfall have a high risk of waterborne (e.g. diarrhea) and Vector borne (e.g. Malaria) diseases especially in areas with poor drainage. Residents are advised to be on the lookout for such diseases and take necessary action.

The areas expected to experience more than 35°C therefore high likelihood of skin diseases e.g. skin rash.

The areas expected to experience less than 10°C have a high likelihood of cold weather diseases. e.g. Asthma, pneumonia, common cold and flu. Residents are advised to be on the lookout for such diseases and take necessary action.

Winds of more than 25 knots (12.9m/s) have a high likelihood of cold and flu diseases due to blown dust especially during dry season.

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