



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT AND FORESTRY

KENYA METEOROLOGICAL DEPARTMENT

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Biometeorological Services Division

WEEKLY BIOMETEOROLOGICAL BULLETIN (25TH -3 1ST 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 (17TH MAY-23RD 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
Kisii Met	65.4mm

2.2 High Temperatures

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

Table 2:

Station	Average weekly Maximum Temperature
Lodwar Met	36.1°C
Mandera Met	35.4°C

2.3 Low Temperatures

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

Table 3:

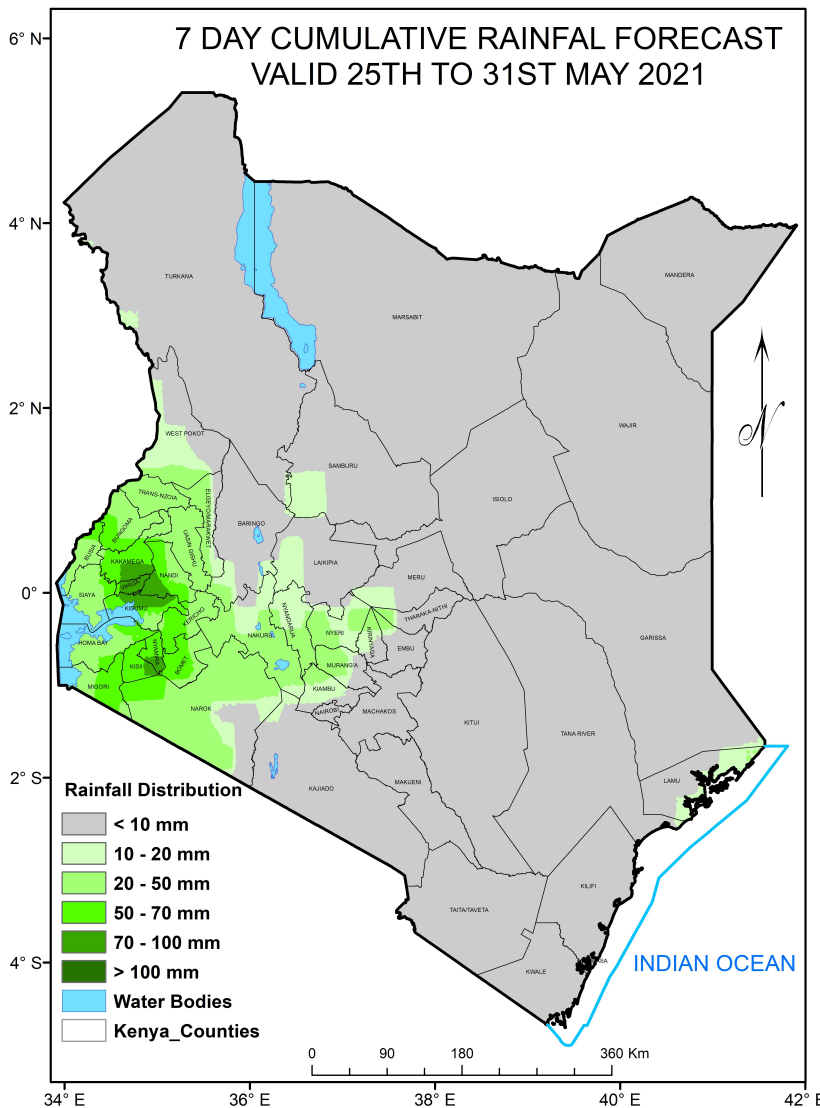
Station	Average weekly Minimum Temperature
Nyahururu Met	7.3°C

2.3 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 and Voi met stations.

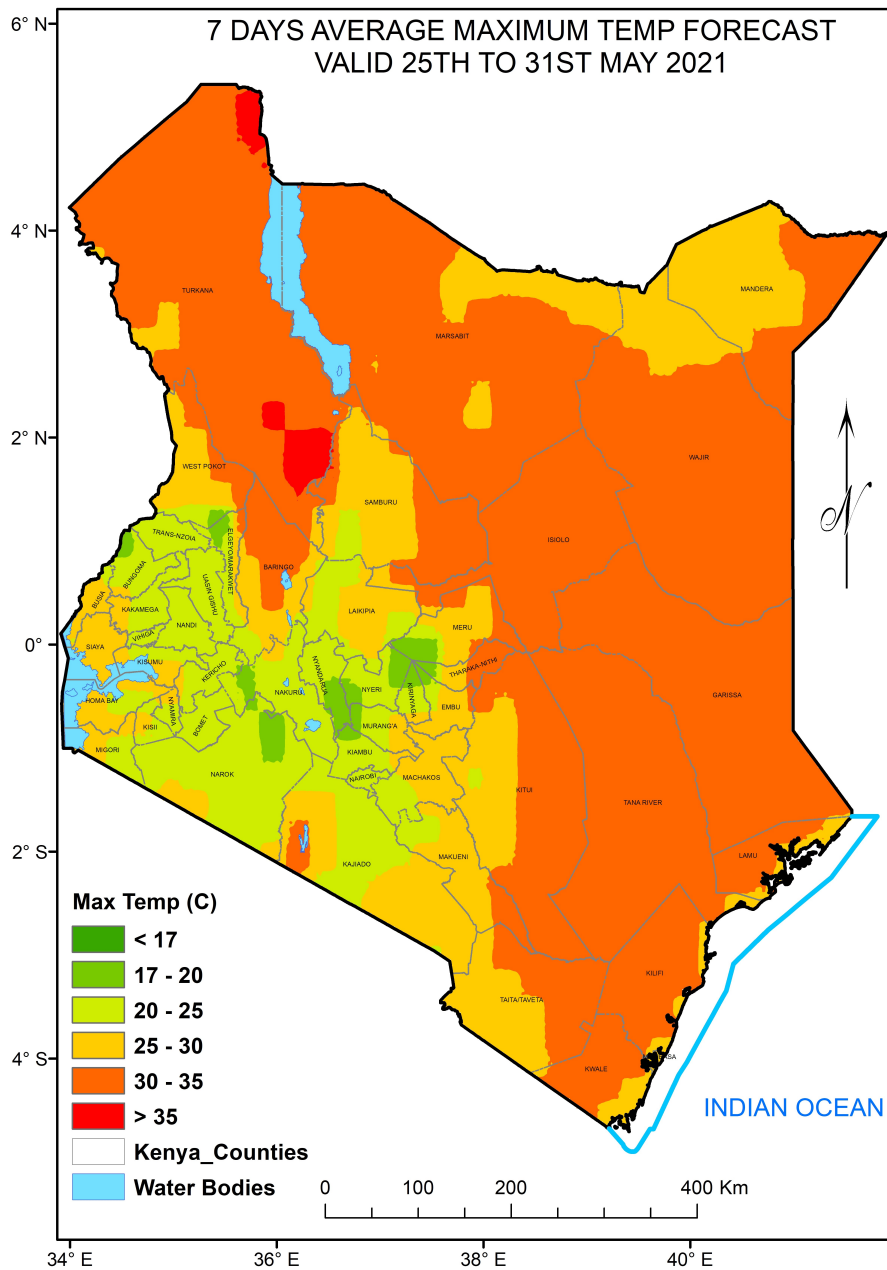
3 FORECAST FOR 25TH MAY-31ST MAY, 2021

a) Rainfall



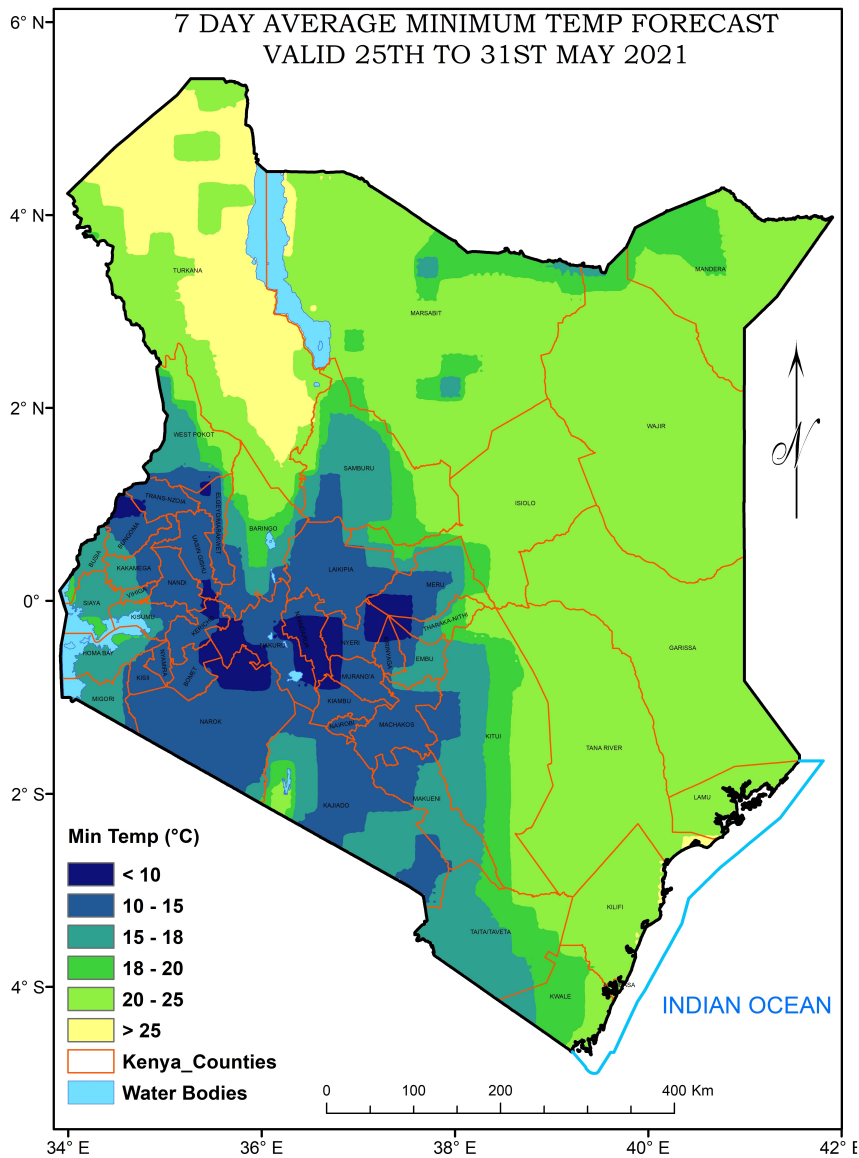
Rainfall exceeding 50mm are expected in parts of Kakamega, Vihiga, Kisii, Kisumu, Nandi and Nyamira Counties, during the forecast period (Tue 25th May to Mon 31st May, 2021)

b) High Temperature



Maximum Temperatures of more than 35°C are expected in parts of Turkana (Lodwar) and Mandera County, during the forecast period (Tue 25th May to Mon 31st May, 2021).

c) Low Temperature



Minimum Temperature of less than 10°C is expected in parts of Nyandarua (Nyahururu), Nyeri, Meru, Kirinyaga, Nakuru, Kericho, Bomet, and Narok Counties, during the forecast period (Tue 25th May to Mon 31st May, 2021).

d) Winds

Winds of more than 25 knots (12.9m/s) are expected over parts of Marsabit, Garissa, Wajir, Voi and Malindi Counties, during the forecast period (Tue 25th May to Mon 31st 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