

REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT AND FORESTRY

KENYA METEOROLOGICAL DEPARTMENT

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Biometeorological Services Division

WEEKLY BIOMETEOROLOGICAL BULLETIN (13TH -19TH 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 (5TH APRIL - 11TH 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:

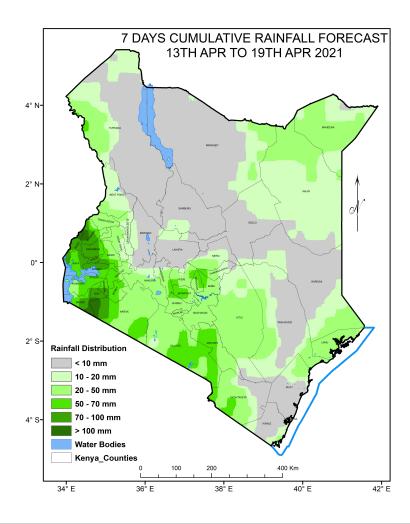
Station	Average weekly Minimum Temperature
Nyahururu Met	9.2°C

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.

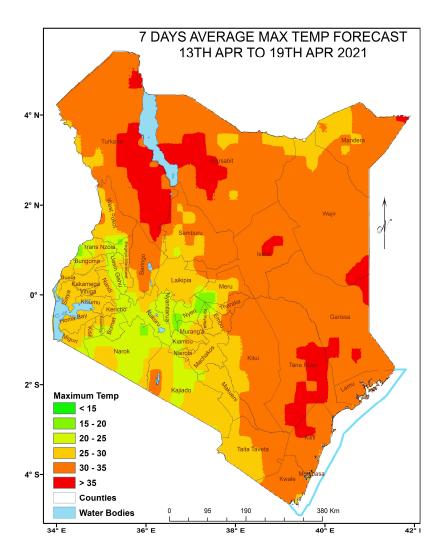
3 FORECAST FOR 13TH APRIL -19TH APRIL, 2021

a) Rainfall



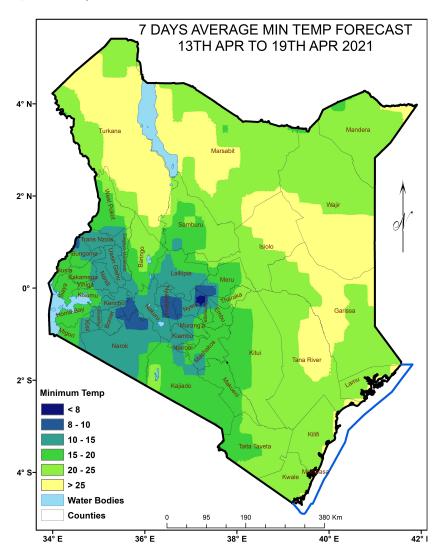
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b) High Temperature



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

c) Low Temperature



Minimum Temperature of less than 10°C is expected in parts of Nyandarua (Nyahururu), Meru, Nakuru and Narok Counties, during the forecast period (Tue 13th April to Mon 19th April, 2021).

d) Winds

Winds of more than 25 knots (12.9m/s) are expected over parts of Marsabit and Turkana (Lodwar) Counties, during the forecast period (Tue 13th April to Mon 19th April, 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 rush.

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: Depa	This fortment.	orecast	is to	be us	ed	together	with	the	daily	(24-hour)	forecast	issued	by	this
	Aura, M		METEC	OROLO	GIC	AL DEPAR	TMEN	т						