



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

KITUI COUNTY
WEEKLY WEATHER FORECAST

Period of forecast: 11TH TO 17TH JANUARY 2022

Date of issue: MONDAY 10TH JANUARY, 2022

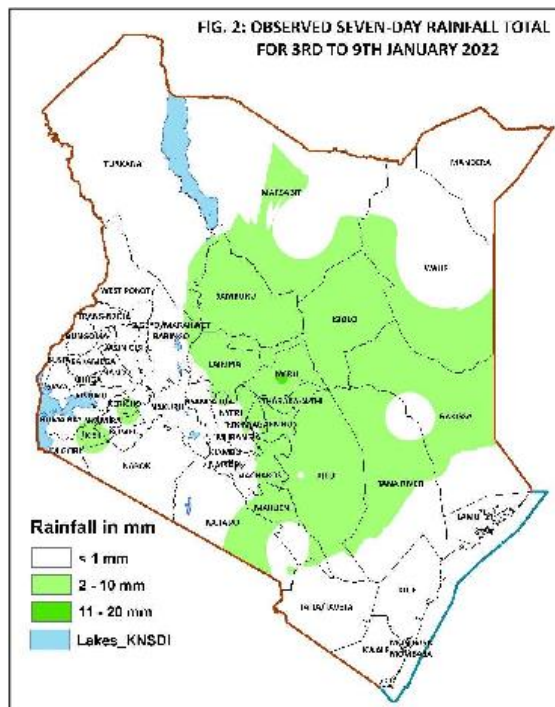
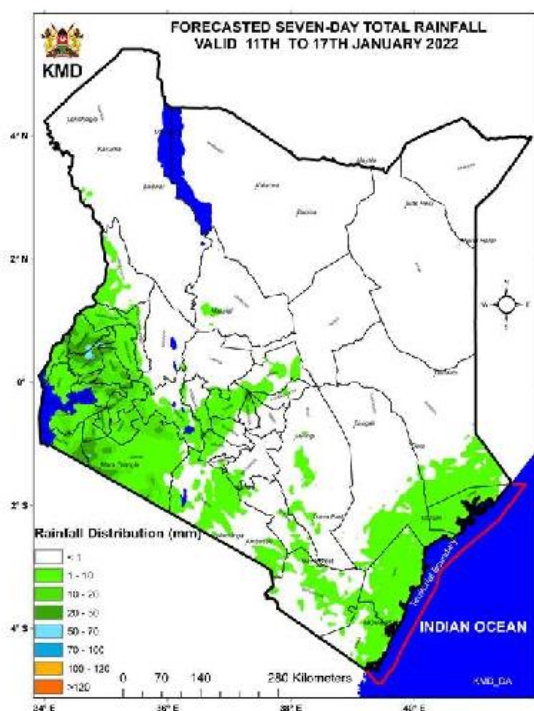


Fig 1. Weekly weather forecast precipitation totals 11th to 17th January 2022 and Weekly weather observed precipitation totals 3rd to 9th Jan 2022

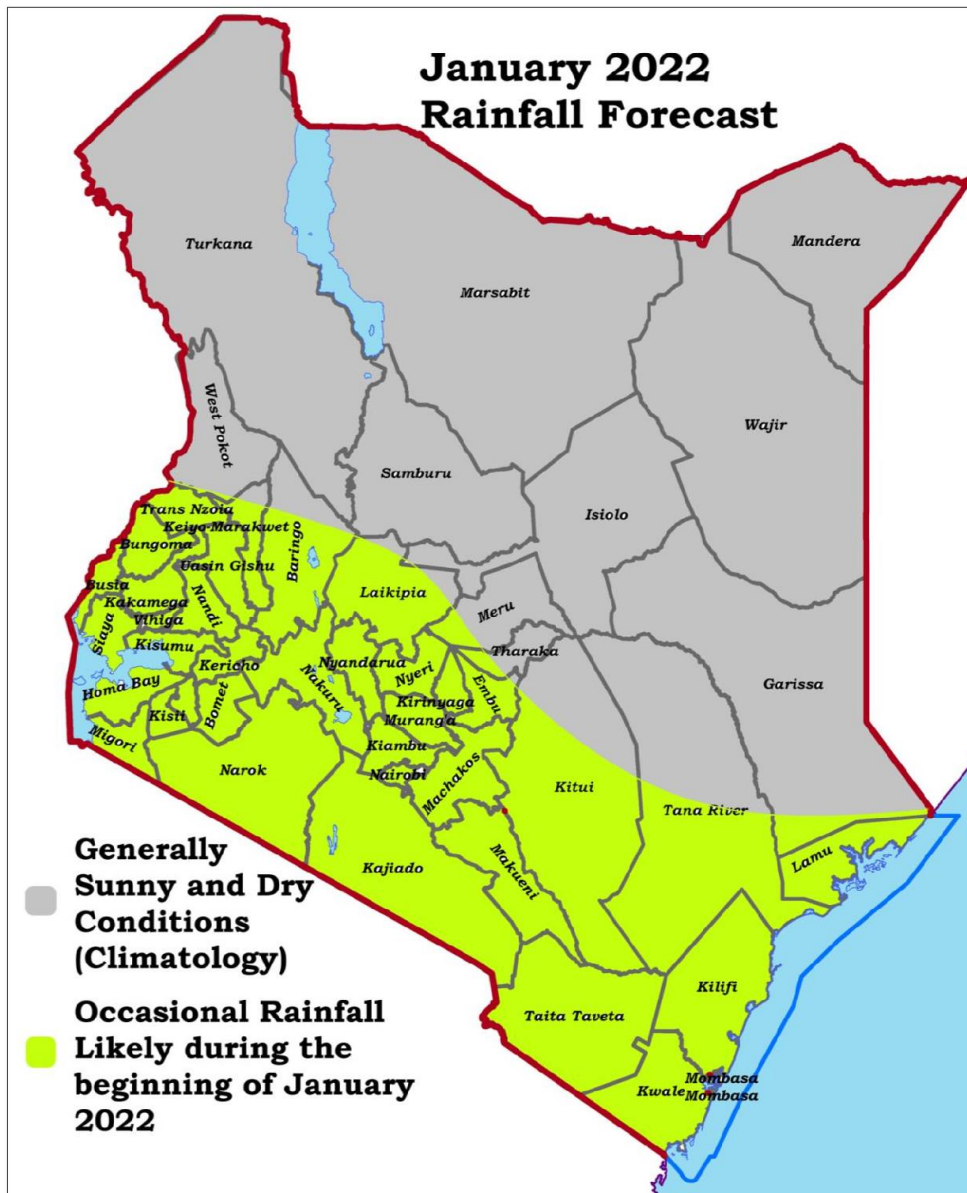


Fig 2: The weather outlook for January 2022

Potential impacts

The following are the likely impacts during the month of January 2022:

Agriculture and Food Security

January being a typically dry month may be suitable for harvesting, drying and storage of grains in the agricultural areas of South-eastern and Kitui County. Also, harvesting of fodder for livestock important.

Disaster Management

The increase of water and pasture over Kitui County may lead to great reduction of human to human and human to wildlife conflicts. All the same, the Ministry of Interior and Coordination of National Government and humanitarian institutions are therefore advised to put in place measures to avert any possible negative impacts that may arise such as the loss of lives, livelihoods and property.

Water Resources Management and Energy

The expected dry conditions in January 2022 may impact negatively on the major river catchment areas for the country's hydroelectric power generating dams. The public is advised to invest in water harvesting practices/techniques to harness the occasional rain water in areas where rainfall is expected.

Environment

The dry conditions expected in January may result in reduced water levels in reservoirs, lakes, and ponds. It is also likely to lead to loss of wetlands and occurrence of wildfires in forests, parks and reserves. The public should therefore be alert while putting in place measures to conserve the environment.

Health

The high temperatures expected during the month of January in most parts of the County may lead to heat stress and heat related discomforts such as headaches and fatigue. The public is therefore advised to hydrate appropriately and avoid working in the open especially in the afternoons.





























Transport and Public Safety Sector




The expected occasional rainfall especially at the beginning of the month may cause slippery roads in some parts of the country increasing the risk of accidents. Flash floods may cause transport challenges especially during rush hours and more so in areas where the roads become impassable when it rains.

Summary

Mornings and afternoons are expected to be generally sunny. Nights are expected to be partly cloudy or CAVOK (Cloud And Visibility OK, that is, clear sky). Strong easterly to northerly winds with speeds exceeding 25 knots (12.9m/s) are likely over some parts of Kitui County. Maximum (day time) temperatures are likely to range from 25°C to 34°C while minimum (Night time) temperatures are expected to be between 19°C and 25°C.

Kitui Central, Kitui West, Kitui Rural, Kitui South, Kitui East, Mwingi Central, Mwingi West and Mwingi North Sub-Counties

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mon
Morning	 Sunny intervals	 Cloudy morning	 Sunny intervals	 Sunny intervals	 Sunny intervals	 Cloudy morning	 Sunny intervals
Afternoon	 Sunny intervals	 Sunny intervals	 Sunny intervals	 Sunny intervals	 Sunny intervals	 Sunny intervals	 Sunny intervals
Night	 Partly cloudy	 Partly cloudy	 Sky clear	 Sky clear	 Sky clear	 Partly cloudy	 Sky clear
Rainfall distribution							
Maximum temperature	31°C	33°C	32°C	34°C	33°C	34°C	34°C
Minimum temperature	19°C	20°C	20°C	20°C	21°C	22°C	21°C
Hazards	None	None	None	None	None	None	None

Key to rainfall distribution symbols:  rain is likely to fall in few places (less than 33%),  rain is likely to fall in many places (33-67%),  rain is likely to fall in most places (more than 67%)

Ushauri wa Idara ya Utabiri wa Hali ya Hewa:

Kuna uwezekano mkubwa (66%) ya kwamba msimu wa Vuli wa mvua (OND2021) umefika kikomo. Wakulima wanaombwa wawasiliane na ma ofisa wa kilimo kwa mashauri bora.

Note: 1 mm of rainfall is equivalent to 1 litre of rainfall per square meter.


Advice to farmers from Ministry of Agriculture: Consult your local agricultural extension officer for advice on the best farming practices in the light of this forecast.

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%

For further information, please contact:



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You can find more information about the climate and weather in Kenya on the KMD website <http://www.meteo.go.ke/>