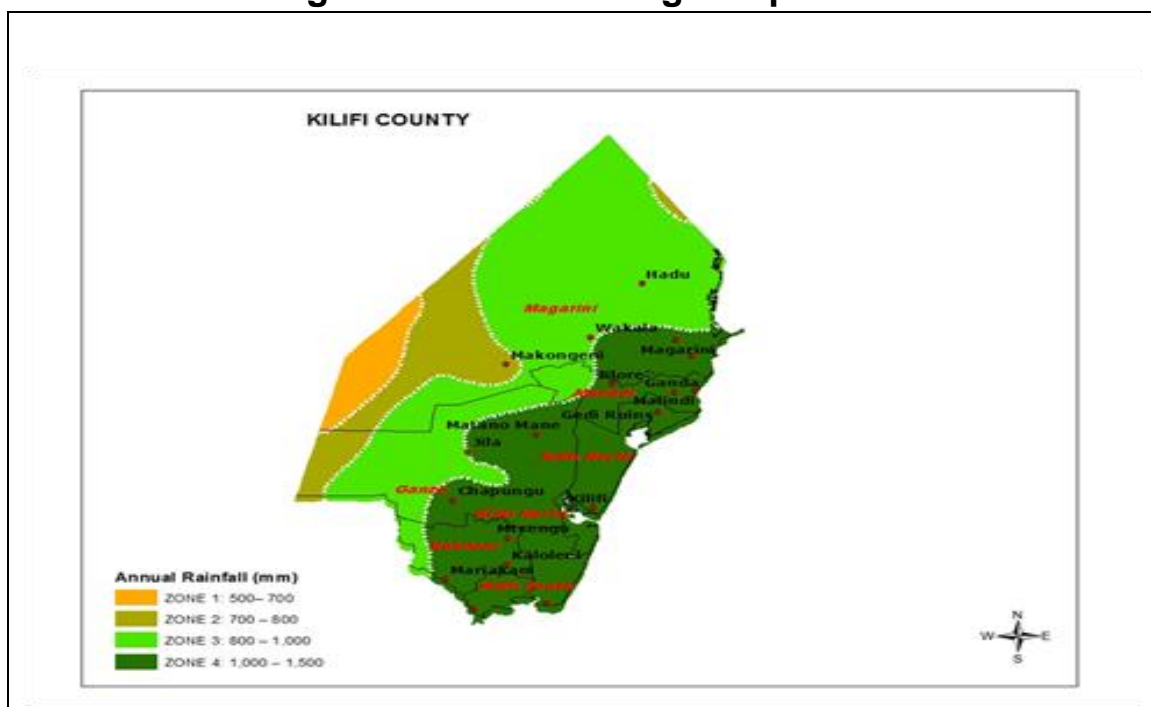




REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

KILIFI COUNTY
WEEKLY WEATHER FORECAST

Kilifi annual long term rainfall average map



Date of issue: Monday 9th May, 2022.

Period of forecast: Tuesday 10th to Monday 16th May, 2022.

County weather outlook for the week

The county is expected to experience light to moderate showers (1-15mm in 24hrs) on Tuesday, Wednesday, Sunday & Monday with mainly moderate rains (5-15mm) on Sunday and Monday. Moderate to strong South to South easterly (S-SE) winds in range of 10 to 22Knots (5-11m/s) is expected over the County. Temperatures are expected to range from 29.0°C – 32.0°C during the day and 24.0°C – 26.0°C at night.

Ocean conditions are expected to be moderate to rough (wave height of 1.2-2.4m & wind speed of 10-22knots). Rough seas expected on Sunday 15th & Monday 16th May, 2022 due to large waves (up to 2.4m) around offshore areas and strong winds (up to 22Knots).

REVIEW OF LAST WEEK: - Tuesday 3rd to 9th May, 2022.

Most places experienced light to moderate showers with storms from 3rd to 6th over each sub county. Moderate to strong southerly winds with moderate to large waves were experienced in the ocean.






























Zones weather outlook for the week

Zone 1: High rainfall Wards

Kilifi South Sub- County Wards (Junju, Mwarakaya, Chasimba, Mtepeni Wards);

Kilifi North Sub-County Wards (Mnarani, Tezo, Matsangoni,Sokoni Wards):

Table 1: Climate zone 1(Ranching, Livestock, Mixed and Crop Farming)

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Morning	<u>Light</u> 	<u>Light-moderate</u> 				<u>Light-moderate</u> 	<u>Light-moderate</u> 
Afternoon		<u>Light-moderate</u> 		 		<u>Light-moderate</u> 	<u>Light-moderate</u> 
Night						<u>Light rains</u> 	<u>Light rains</u> 
Rainfall distribution							
Maximum temperature	30.0°C	30.0°C	29.0°C	30.0°C	29.0°C	29.0°C	30.0°C
Minimum temperature	26.0°C	26.0°C	25.0°C	25.0°C	25.0°C	26.0°C	25.0°C

Generally Total weekly rainfall will be 15-35 mm.

Zone 2: Medium rainfall Wards

Magarini Sub-County Wards (Marafa, Sabaki Wards);
















Malindi Sub-County Wards (Kakuyuni, Ganda, Malindi Wards);

Kilifi North Sub- County Wards (Watamu Wards);

Kaloleni Sub-County Wards (Kaloleni Wards)

Rabai sub-county wards (Rabai, Ruruma)

Table 2: Climate zone 2(Ranching, Livestock, Mixed and Crop Farming)

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Morning	<u>Light</u> 	<u>Light-moderate</u> 				<u>Light-moderate</u> 	<u>Light-moderate</u> 
Afternoon		<u>Light-moderate</u> 		 		<u>Light-moderate</u> 	<u>Light-moderate</u> 

Night						<u>Light rains</u> 	<u>Light rains</u>
Rainfall distribution							
Maximum temperature	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C
Minimum temperature	25.0°C	25.0°C	24.0°C	24.0°C	23.0°C	24.0°C	25.0°C

Generally Total weekly rainfall will be 10-25 mm

Zone 3: Low rainfall Wards

Magarini Sub-County Wards (Magarini, Adu, Garashi Wards);

Malindi Sub-County Wards (Jilore Ward);

Kaloleni Sub-County Wards (Mariakani, Kayafungo, Mwanamwinga Wards);

Ganze sub-county wards (Ganze, Bamba wards)

Table 3: Climate zone 3(Ranching, Livestock, Mixed and Crop Farming)

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Morning		<u>Light-moderate</u> 				<u>Light-moderate</u> 	<u>Light-moderate</u>
Afternoon						<u>Light-moderate</u> 	<u>Light-moderate</u>
Night						<u>Light rains</u> 	<u>Light rains</u>
Rainfall distribution							
Maximum temperature	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C	32.0°C
Minimum temperature	25.0°C	25.0°C	24.0°C	24.0°C	24.0°C	24.0°C	25.0°C

Generally Total weekly rainfall will be 5-15 mm

CDMS COMMENTARY

Good amounts of rains received in all subcounties with heavy rains episodes/storms from 3rd to 6th. Each sub county is expected to experience light to moderate showers. However Moderate-rains (5-15mm in 24hrs) are expected on Sunday & Monday over several places. Generally moderate temperatures expected.

7-DAY MARINE FORECAST

Moderate to rough sea conditions with wave heights of 1.2 – 2.4m and Moderate to strong winds of 10 to 22knots (5– 11m/s) are expected to prevail.

Advisories

- Small vessels/boats advised to venture with caution especially on Sunday & Monday due to strong winds (22Kts) and large waves (2.4m) around offshore areas.
- Farmers advised to liaise with Agricultural experts.
- Farmers are reminded of the expected below average rains in the hinterlands in the month of May,
- Farmers are reminded of the expected near average rains in areas along the coastline in the month of May,
- Farmers are advised to take advantage of the expected normal cessation of rains in June &
- Farmers are reminded of the expected poor distribution with both dry & wet spells/storms during the season.
- Farmers are advised to maximize benefits of May being the rainfall peak month in the season

For further information, please contact: County Director of Meteorological services
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