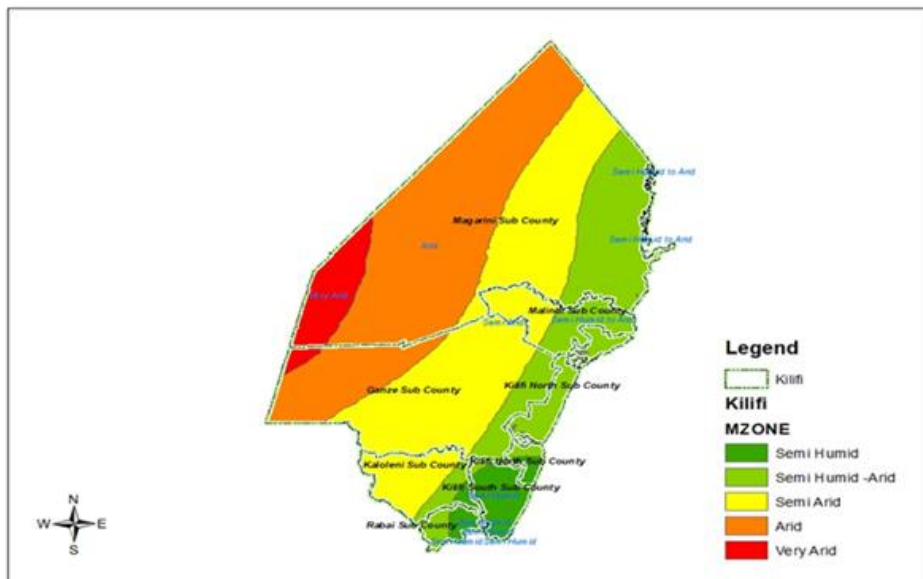


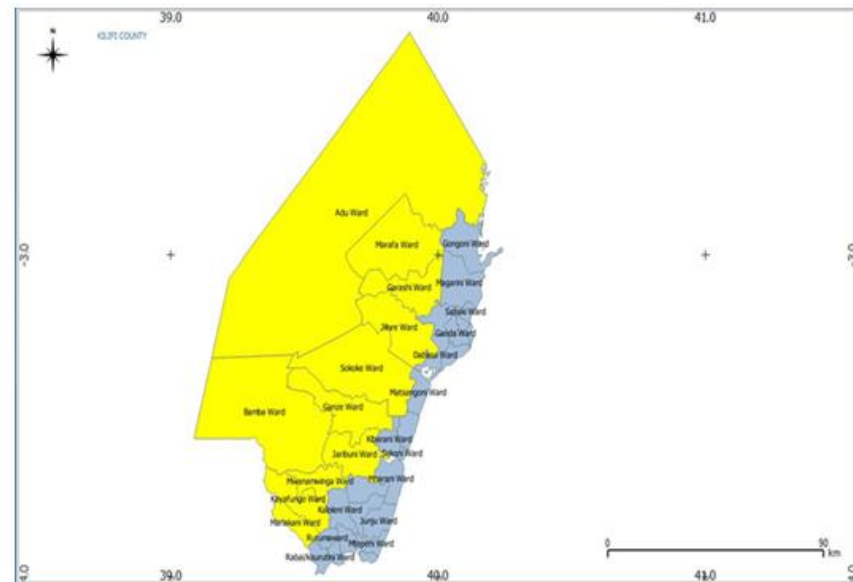


Republic of Kenya
Ministry of Environment, Climate Change and Forestry
Kenya Meteorological Department
County Director of Meteorological Services, Kilifi County
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Weekly Weather forecast for Kilifi County valid 18th to 24th February, 2025



The 5 climatic zones of Kilifi County (very arid, arid, semi arid, semi humid, semi humid-arid lands)



The hinterlands (yellow) and the coastline (blue) regions of Kilifi County

PART I: 7day weather forecast summary

- The county is expected to experience mainly sunny and dry weather conditions with improved cloudiness and a chance for light occasional showers over few places on Tuesday or Friday.
- Maximum/Daytime temperatures are expected to increase, ranging from 30– 34 °C in areas within the coastline and 31-38 °C in the hinterlands.
- The Minimum/Night temperatures are expected to range from 24-28 °C in areas within the coastline and 22-28 °C in the hinterlands.
- Strong winds are expected to prevail and deteriorate as the week progresses, with mainly East North Easterlies, ranging from moderate to very strong (5.5-14.5m/s).
- Areas within the coastline are expected to experience moderate to very strong ENE winds ranging from 5.5-14.5m/s.
- The hinterlands are expected to experience moderate to very strong ENE winds ranging from 5.5-14m/s.
- There's need for caution from 19th to 24th February 2025 due to very strong winds of up to 14.5m/s in the afternoon and evening.

PART II: Advice to farmers concerning February and March-May season

- February is expected to be generally sunny, dry, with improved cloud cover and with a chance for occasional showers in a few places.
- Temperatures are expected to be higher than the climatological average.
- February, March and April fall within the active period for tropical storms as they approach their peak in May.
- Ocean users are advised to follow the weekly Marine weather forecasts for Kilifi County.
- MAM Long rains season forecast indicate a possibility of Early to Near normal rainfall Onset,
- Areas within the coastline located in the Southern half of Kilifi County are expected to experience rainfall onset between the 4th week of March and the 1st week of April.
- The northern half of the County, in areas within the hinterlands are expected to experience rainfall onset between the 2nd and the 3rd week of April.

- Below average rainfall ($\leq 250\text{mm}$) is expected in the northern half of Kilifi County lying within the hinterlands,
- Near average to below average rainfall ($\geq 250\text{mm}$) is expected in the Southern half of Kilifi County lying within the coastline.
- Poor to fair distribution in space and time is expected in the Southern half of Kilifi County lying within the coastline.
- Poor distribution in space and time is expected in the northern half of Kilifi County lying within the hinterlands.
- The season is expected to be characterized by prolonged dry spells coupled with occasional storms.
- The season is expected to experience a late cessation running into June hence coinciding with the KUSI season from June to August which is normally characterized by light rains in areas within the Coastline.
- The season may also be affected by intra-seasonal variability systems such as cyclones which may either enhance or further depress the rains.
- Farmers, fishers and general public are advised to follow the weekly forecasts for more information.
- The detailed downscaled forecast for Kilifi County and Agro weather advisory will be released soon after PSP and County Climate Outlook Forum.

PART III: 7days Marine weather forecast.

Poor Ocean conditions are expected to prevail with a further deterioration as the week progresses.

- Moderate to rough Sea conditions with wind speeds ranging from 8-13m/s are expected.
- Small vessels are advised to venture with caution. Due to strong winds.

Table II: Ocean wave height and wind speed for Kenyan waters

Max. wind	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
In m/s	8-12	8-13	8-13	8-13	8-13	8-13	8-12

PART IV: Key on Ocean State

(A)	WAVE HEIGHT RANGE (Metres)		DESCRIPTION	IMPACT
	0.6 – 1.0 m (\approx 1.8 – 3.0 ft)		Slight	Conditions Suitable for Marine Activities
	1.0 – 1.9 m (\approx 3.0 – 5.7 ft)		Slight – Moderate	
	2.0 – 2.9 m (\approx 6.0 – 8.7 ft)		Moderate – Rough	Caution on operating marine activities
	3.0 – 4.0 m (\approx 9.0 – 12.0 ft)		Rough	Warning in place!!!
	4.1 – 5.5 m (\approx 12.3 – 16.5 ft)		Very Rough	Warning in place and marine activities on hold
(B)	WIND RANGE	DESCRIPTION		IMPACT
	< 1 – 7 Knots	Calm to Light breeze		1 – 6 Knots; the ocean is relatively calm with very little disturbance. Suitable for Marine operations
	7 – 21 Knots	Gentle breeze to Fresh breeze		7 – 17 Knots; Small boats are likely to be filled with water sprays and become unstable. Caution in carrying out marine activities
	22 - \geq 34 Knots	Strong breeze to Extremely Strong breeze		More than 21 Knots: the ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations. Warning in place.

In concurrence with outputs from relevant marine data platforms, acknowledgment is fully accorded to: ESSO- Indian National Centre for Ocean Information Services (INCOIS), Mercator-ocean.fr, COPERNICUS Marine Environment Monitoring Service (CMEMS) and other related sources.

For further info Contact: Mobile No. 0720672579