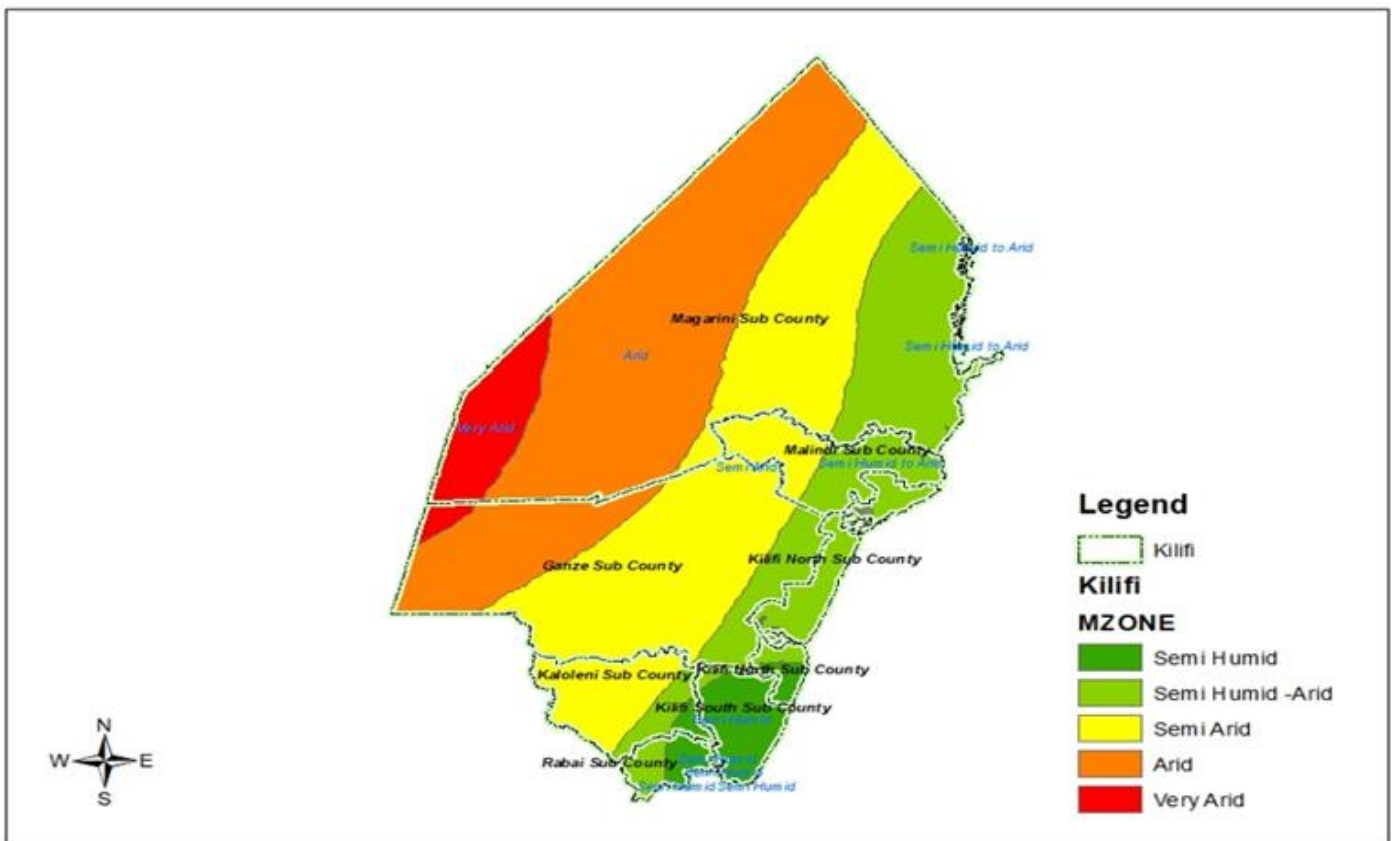


Weather & Marine Forecast for Kilifi County



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

Weekly Weather forecast for Kilifi County valid 22nd to 27th April, 2025

PART I: Weekly weather forecast summary

- The County is expected to receive good amounts of rains from Tuesday 22nd to Thursday 24th April, 2025.
- The rest of the week is expected to experience mainly sunny intervals with occasional showers,
- Maximum/Daytime temperatures are expected to decrease ranging from 28– 30 °C in areas within the coastline and 28-32 °C in the hinterlands.
- The Minimum/Night temperatures are expected to decrease ranging from 23-24 °C in areas within the coastline and 22-24°C in the hinterlands.
- Winds are expected to improve ranging from Moderate to breezy (5-10m/s) from Tuesday to Friday then deteriorate to moderate to strong (6-13m/s) as the week progresses with mainly South Easterlies.
- There's need for caution from Saturday 25th to Monday 27th April, 2025 due to moderate to strong winds.

PART II: Meteorological advice to farmers concerning March-May season

- The season is expected to be characterized by depressed rainfall with both dry and wet spells/occasional storms, poor-fair distribution, early- normal onset and late cessation running into June.
- Temperatures are expected to be higher than the climatological average.
- March, April and May 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.
- General public are advised to be cautious of strong winds influenced by the tropical storms.

Table II: KEY INDICATORS FOR RAINFALL

Category	Amount	<u>Rainfall Distribution</u>	
		<u>Term</u>	<u>Meaning</u>
Light	Less than 5.0mm		
Moderate	5 to 20 mm	Most Places	Between 66% and 100%
Heavy	20 to 50 mm	Several Places	Between 33% and 66%
Very Heavy	Over 50mm	Few Places	Between 0 and 33%

PART III: 7days Marine weather forecast.

Ocean conditions are expected to be moderate then deteriorate from Saturday to Monday.

- Moderate to breezy winds are expected from Tuesday to Friday with wind speeds ranging from 5-10m/s
- Moderate to strong winds expected from Saturday to Monday with wind speeds ranging from 6-13m/s.
- Users of small vessels are advised to venture with caution from Saturday to Monday.

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

	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Max. wind In m/s	5-10	5-10	5-10	6-13	7-13	6-13

Table IV: Key on Ocean State

(A)	WAVE HEIGHT RANGE (Metres)	DESCRIPTION	IMPACT
	0.6 – 1.0 m (≈ 1.8 – 3.0 ft)	Slight	Conditions Suitable for Marine Activities
	1.0 – 1.9 m (≈ 3.0 – 5.7 ft)	Slight – Moderate	
	2.0 – 2.9 m (≈ 6.0 – 8.7 ft)	Moderate – Rough	Caution on operating marine activities
	3.0 – 4.0 m (≈ 9.0 – 12.0 ft)	Rough	Warning in place!!!
	4.1 – 5.5 m (≈ 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 - ≥ 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.

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