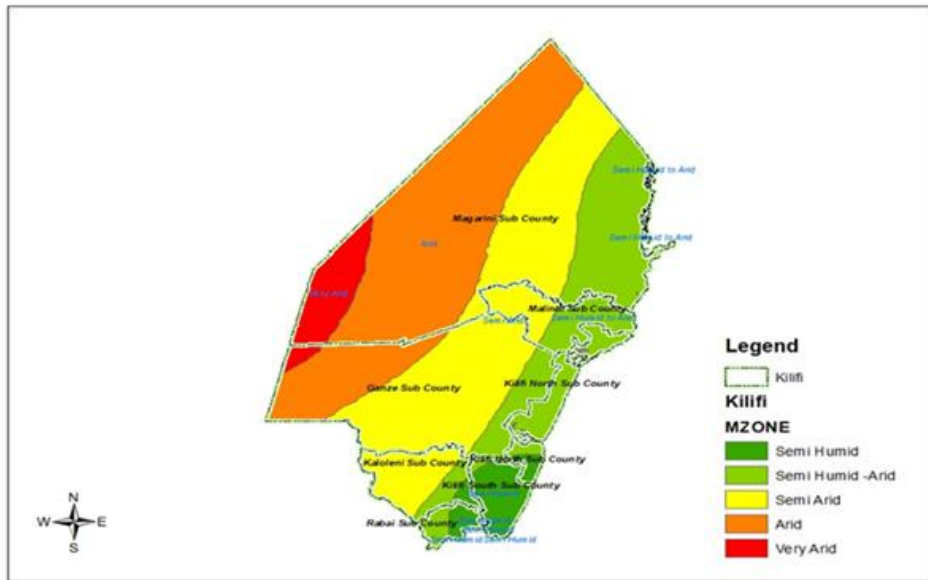


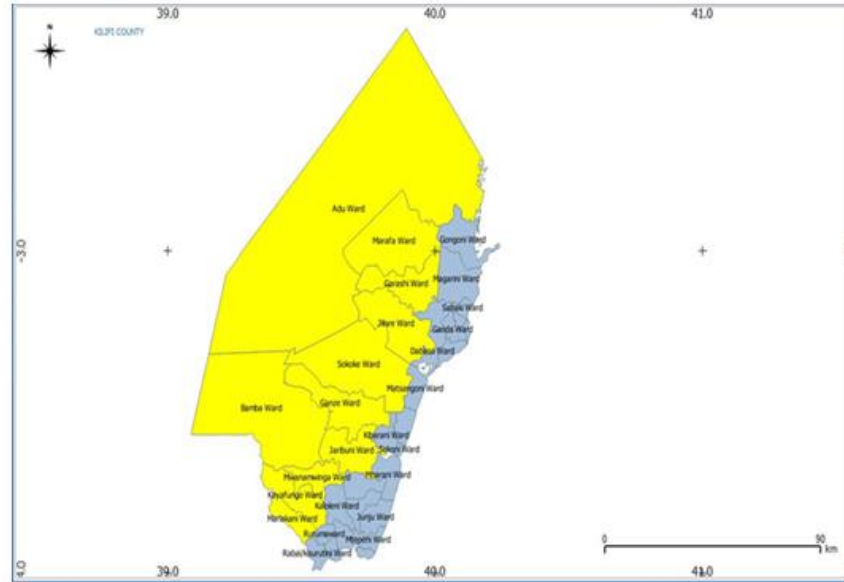


Republic of Kenya
Ministry of Environment, Climate Change and Forestry
Kenya Meteorological Department
County Director of Meteorological Services, Kilifi County
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Weekly Weather Forecast for Kilifi County valid 8th to 13th January, 2025



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 a chance for light occasional showers over few places.
- Chances for Malindi subcounty to receive occasional showers are however minimal.
- Kaloleni, parts of Kilifi north and Kilifi south subcounties stand a higher chance to receive occasional light showers.
- Maximum/Daytime temperatures are expected to further increase ranging from 30– 32 °C in areas within the coastline and 30-36 °C in the hinterlands.
- The Minimum/Night temperatures are expected to range from 24-29 °C in areas within the coastline and 22-29 °C in the hinterlands.
- Winds are expected to be mainly East North Easterlies to East South Easterlies ranging from moderate to strong (5-13m/s).
- Strong winds of up to 12-13m/s are expected as from Sunday 12th January, 2025 in areas within the coastline and hinterlands respectively.
- Areas within the coastline are expected to experience moderate to strong ENE-ESE winds ranging from 5-12m/s.
- The hinterlands are expected to experience moderate to strong ENE winds ranging from 5-13m/s.
- **There's need for caution on Sunday and Monday due to strong winds >11m/s or >22Knots on Sunday and Monday.**

PART II: Rainfall forecast per Sub County

Magarini subcounty:

A chance for light occasional showers expected in a few places on either Wednesday, Thursday, Friday, Saturday or Sunday.

Total weekly rainfall of 5-10mm.

Malindi subcounty:

Minimal chance for light occasional showers expected over few places on Thursday or Saturday in Jilore, Kakuyuni or Sabaki wards.

Total weekly rainfall of 2-5mm.

Ganze subcounty:

A chance for light occasional showers expected in a few places on either Thursday, Friday or Saturday.

Total weekly rainfall of 5-7mm.

Kilifi north subcounty:

A chance for light occasional showers expected in a few places on either Thursday, Friday, Saturday or Sunday.

Total weekly rainfall of 5-10mm.

Kilifi south subcounty:

A chance for light occasional showers expected in a few places on either Wednesday, Thursday, Friday or Saturday.

Total weekly rainfall of 10-15mm.

Kaloleni subcounty:

A chance for light occasional showers expected in a few places on either Thursday, Friday or Saturday.

Total weekly rainfall of 10-15mm.

Rabai subcounty:

A chance for light occasional showers expected in a few places on either Wednesday, Thursday, Friday or Saturday.

Total weekly rainfall of 5-10mm.

PART III: Agro-weather advice to farmers concerning January -March season

- The OND Season having reached its cessation in most parts of the county, farmers are advised to consult the agricultural experts to guide them on moisture conservation measures in the light of this forecast.
- January, February and March are expected to be mainly sunny and dry with chances of light occasional rains.
- In January, areas within Kilifi South, Rabai and parts of Kaloleni subcounties are expected to be sunny and dry with occasional showers while the rest of the county is expected to maintain climatological amounts and being mainly dry and sunny with chances for occasional rains.
- Temperatures are expected to be higher than climatological average.
- Farmers, fishers and general public are advised to follow the weekly forecasts for more information.

PART IV: weekly Marine weather forecast.

Ocean conditions are expected to have a marked deterioration towards the end of the forecast period, with strong winds on 12th and 13th January, 2025.

- Moderate to breezy winds expected on Thursday to Saturday with wind speed ranging from 5-10m/s.
- Moderate to rough sea conditions with wind speed ranging from 10-12m/s and wave heights of 1.5-2.5m are expected on Sunday and Monday.
- Small vessels are advised to venture with caution on especially Sunday and Monday.

Table2: Ocean wave height and wind speed for Kenyan waters

Max. wind	Wed 8 th	Thurs 9 th	Friday 10 th	Saturday 11 th	Sunday 12 th	Mon 13 th
In m/s	6-8	6-10	6-10	8-10	10-12	10-13
Wave in m	1-1.5	1-1.5	1-1.5	1-1.5	1.5-2.0	2.0-2.5

PART 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!!! Warning in place and marine activities on hold
	4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	
(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.

For further info Contact: Mobile No. 0720672579
