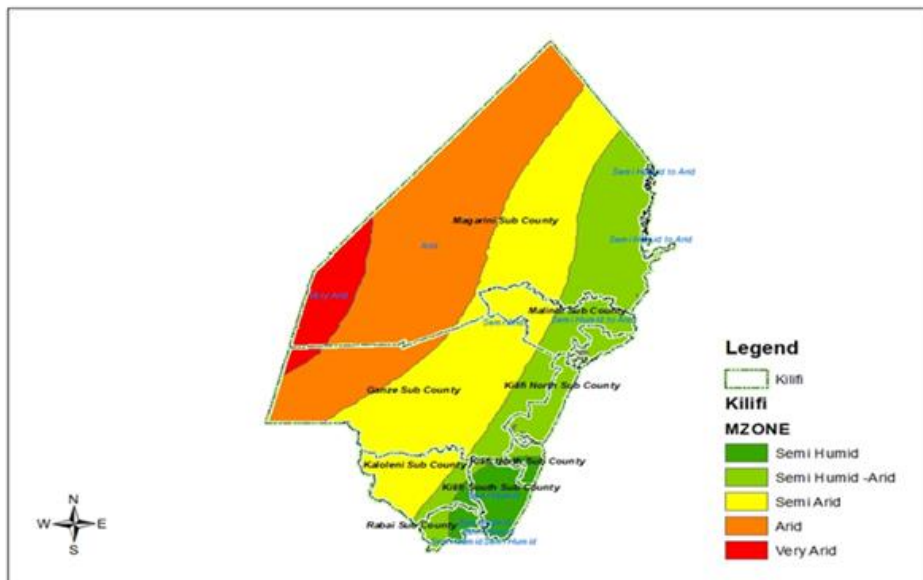


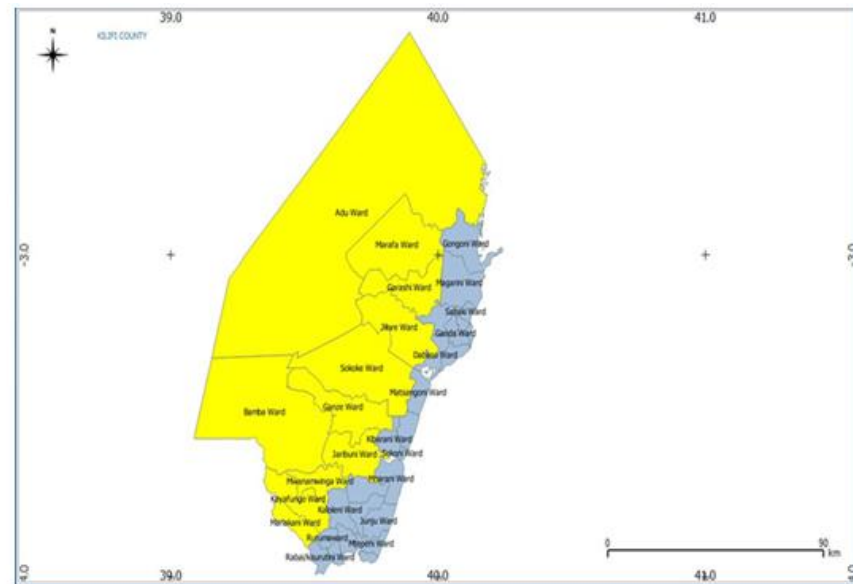


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County Director of Meteorological Services, Kilifi County  
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Weekly Weather forecast for Kilifi County valid 11<sup>th</sup> to 17<sup>th</sup> February, 2025



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 a chance for light occasional showers over few places on especially Wednesday, Thursday, Sunday or Monday.
- Maximum/Daytime temperatures are expected to decrease slightly, ranging from 30– 33 °C in areas within the coastline and 31-36 °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.
- Strong winds are expected in the first half of the forecast period and mainly East North Easterlies, ranging from moderate to strong (4-13m/s).
- Areas within the coastline are expected to experience moderate to strong ENE winds ranging from 4-13m/s.
- The hinterlands are expected to experience moderate to strong ENE winds ranging from 5-12m/s.
- There's need for caution from 11<sup>th</sup> to 13<sup>th</sup> February 2025 due to strong winds of up to 13m/s in the afternoon and evening.

### **PART II: Rainfall and winds forecast per Sub County**

#### **Magarini subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday, Thursday, Sunday or Monday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 5-12m/s .

#### **Malindi subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday or Sunday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 5-12m/s .

#### **Ganze subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday or Sunday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 5-12m/s .

**Kilifi north subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday, Sunday or Monday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 5-13m/s .

**Kilifi south subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday, Sunday or Monday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 5-13m/s .

**Kaloleni subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday, Saturday, Sunday or Monday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 4-12m/s .

**Rabai subcounty:**

Mainly sunny and dry weather conditions expected with a chance for light occasional showers on Wednesday, Saturday, Sunday or Monday.

Winds are expected to be strong on 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and mainly ENE ranging from moderate to strong 4-12m/s .

**PART III: Advice to farmers concerning February –April 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, 4<sup>th</sup> week of March to 1<sup>st</sup> week of April in areas within the coastline located in Southern half of Kilifi and 2<sup>nd</sup> to 3<sup>rd</sup> week of April for the northern half areas within the hinterlands.

- Below average rainfall ( $\leq 250\text{mm}$ ) for the northern half of Kilifi County lying within the hinterlands, Near average to below average rainfall ( $\geq 250\text{mm}$ ) in Southern half of Kilifi County lying within the coastline.
- Poor to fair distribution in space and time,
- Dry spells coupled with occasional storms.
- 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 or Madden Julian Oscillations 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 IV: 7days Marine weather forecast.

Poor Ocean conditions are expected to prevail until 13<sup>th</sup> then improve as the week progresses.

- Moderate to rough Sea conditions with wind speeds ranging from 5-13m/s are expected.
- Small vessels are advised to venture with caution from 11<sup>th</sup> to 13<sup>th</sup>.

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

Max. wind	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
In m/s	5-12	5-13	5-10	5-10	5-10	5-10	5-10

#### 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

(B)

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
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***

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