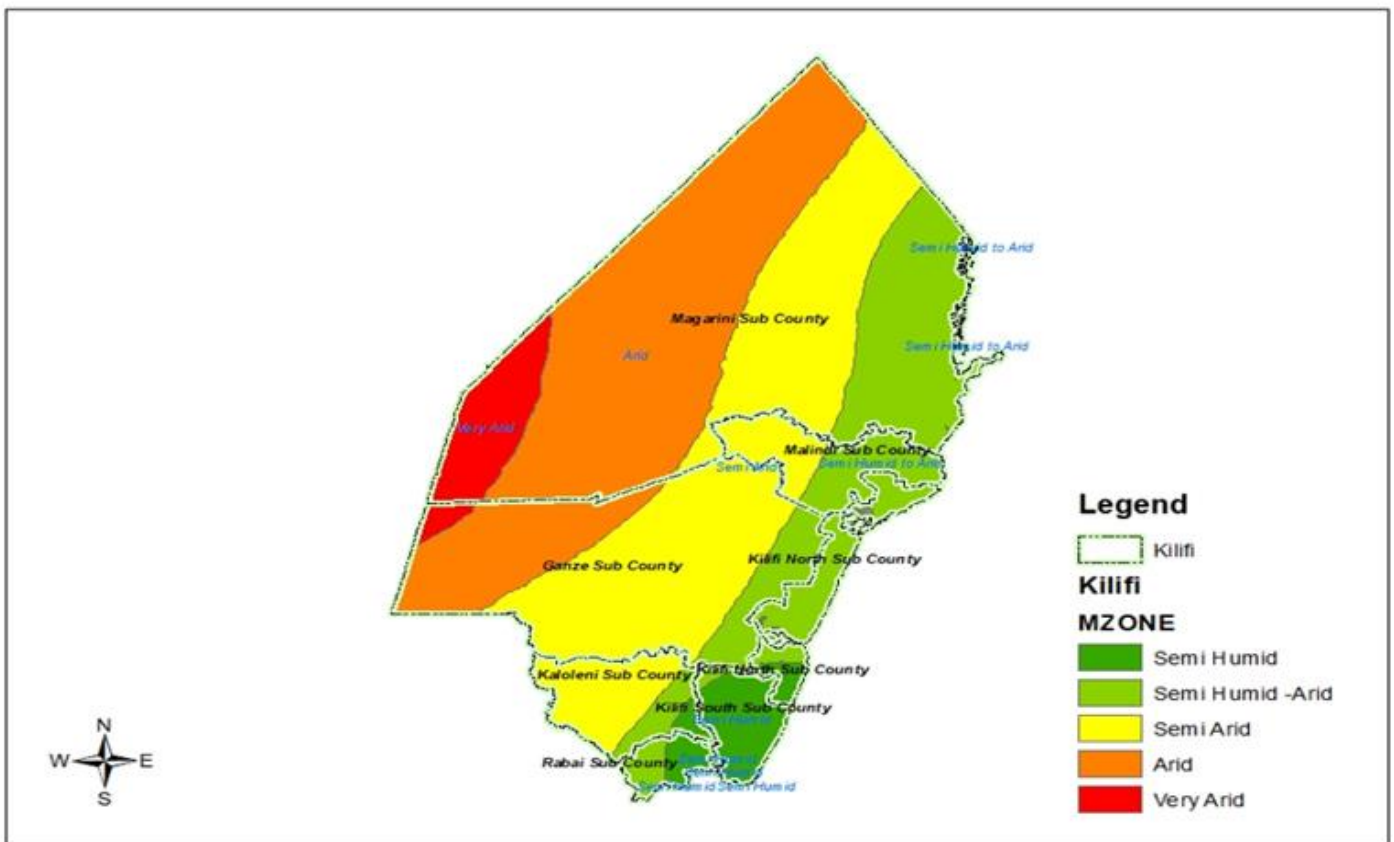


# Weather & Marine Forecast for Kilifi County



Republic of Kenya  
Ministry of Environment, Climate Change and Forestry  
Kenya Meteorological Department  
County Director Meteorological Services, Kilifi County  
Email: [gleshamta@gmail.com](mailto:gleshamta@gmail.com)



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 1<sup>st</sup> to 7<sup>th</sup> April, 2025















## PART I: Weekly weather forecast summary

- Several parts of the county are expected to receive good amounts of rainfall towards the end of the week especially on Sunday and Monday 6<sup>th</sup> and 7<sup>th</sup> April, 2025.
- The rest of the week is expected to experience occasional showers and sunny intervals.
- Heavy rains with Thunderstorms expected over a few places on Sunday, especially in Rabai Subcounty.
- Maximum/Daytime temperatures are expected to further decrease, ranging from 27– 32 °C in areas within the coastline and 28-33 °C in the hinterlands.
- The Minimum/Night temperatures are expected to slightly decrease, ranging from 23-26 °C in areas within the coastline and 23-27 °C in the hinterlands.
- Inland Winds are expected be stronger from Wednesday to Friday then weaken ,ranging from Moderate to Strong (4-12m/s) with mainly South Easterlies.
- Moderate to rough Ocean conditions are expected to prevail until 4th April then improve to moderate as from 5th April.















➤ There's need for caution as from 2<sup>nd</sup> to 4<sup>th</sup> April, 2025 due to strong winds of up to 12m/s in both inland and in the ocean

**Table I Weekly detailed forecast per subcounty**















### 1. MAGARINI SUB COUNTY: Marafa, Magarini, Gongoni, Adu, Garashi, Sabaki Wards

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts Weekly total : 15-45mm	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 0 - 5mm Light showers/sunny intervals	 5 - 15mm Moderate showers	 5 - 10mm Moderate showers
Rainfall Distribution	 Few Places	 Few Places	 Few Places	 Few places	 Few Places	 Several Places	 Several Places
Max Temperature	33 °C	34 °C	33 °C	30 °C	30 °C	31 °C	31 °C
Min Temperature	24 °C	24 °C	25 °C	25 °C	24 °C	24 °C	23 °C
winds	Moderate-breezy Winds: SE 4–8m/s	Moderate-strong Winds: SE 5 –12 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-breezy Winds: SE 4 –9 m/s	Moderate-breezy Winds: SE 4 –9 m/s















## 2. MALINDI SUB COUNTY: Jilore, Shela, Kakuyuni, Ganda, Malindi Town Wards

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts  Weekly total : 15-50mm	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 0 - 5mm Light showers/sunn y intervals	 10 - 20mm Moderate showers	 5 - 10mm Moderate showers
Rainfall Distribution	 Few places	 Few places	 Few places	 Several Places	 Few places	 Several Places	 Several Places
Max Temperature	31 °C	30 °C	29 °C	29 °C	29 °C	29 °C	30 °C
Min Temperature	26°C	25 °C	26 °C	25 °C	25 °C	25 °C	25 °C
winds	Moderate- strong Winds: SE 6 –12 m/s	Moderate- strong Winds: SE 6 –12 m/s	Moderate- strong Winds: SE 6–11 m/s	Moderate- strong Winds: SE 6 –11 m/s	Moderate- strong Winds: SE 6 –10 m/s	Moderate Winds: SE 4 – 8 m/s	Moderate Winds: SE 4– 8 m/s















## 3. KILIFI SOUTH SUB COUNTY: Junju, Mwarakaya, Chasimba, Mtepeni, Shimo La Tewa Wards

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts  Weekly total : 25-55mm	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 5 - 7mm Light -moderate showers	 10 - 20mm Moderate showers	 6- 15mm Moderate showers
Rainfall Distribution	 Few places	 Few places	 Few places	 Few places	 Several Places	 Several Places	 Several Places
Max Temperature	31 °C	31 °C	29 °C	29 °C	28 °C	27 °C	28 °C
Min Temperature	25°C	24 °C	25 °C	25 °C	24 °C	23 °C	24 °C
winds	Moderate- strong Winds: SE 6 –12 m/s	Moderate- strong Winds: SE 6 –12 m/s	Moderate- strong Winds: SE 6–11 m/s	Moderate- strong Winds: SE 6 –11 m/s	Moderate- breezy Winds: SE 6 – 10 m/s	Moderate Winds: SE 4 – 8 m/s	Moderate Winds: SE 4– 8 m/s















#### 4. KILIFI NORTH SUB COUNTY: Matsangoni, Watamu, Mnarani, Tezo, Sokoni, Dabaso, Kibarani

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 3 - 7 mm Light-moderate showers/sunny intervals	 3 - 5mm Light showers/sunny intervals	 10 - 15mm Moderate showers	 5 - 10mm Moderate showers
Rainfall Distribution	 Few places	 Few places	 Few places	 Several Places	 Few places	 Several Places	 Several Places
Max Temperature	31 °C	31 °C	29 °C	29 °C	29 °C	28 °C	29°C
Min Temperature	25°C	25 °C	26 °C	25 °C	25 °C	25 °C	24 °C
winds	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6–11 m/s	Moderate-strong Winds: SE 6 –11m/s	Moderate-breezy Winds: SE 6 –8 m/s	10 m/s	Moderate Winds: SE 4 –8 m/s















#### 5. GANZE SUB COUNTY: Sokoke, Ganze, Jaribuni, Bamba Wards

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5mm Light showers/sunny intervals	 5 - 12mm Moderate showers	 3 - 7mm Light-Moderate showers
Rainfall Distribution	 Few Places	 Few Places	 Few Places	 Few places	 Few Places	 Several Places	 Several Places
Max Temperature	33 °C	33 °C	30 °C	30 °C	29 °C	28 °C	29 °C
Min Temperature	24 °C	24 °C	24 °C	24 °C	23 °C	24 °C	24 °C
winds	Moderate-breezy Winds: SE 4–8m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-strong Winds: SE 5 –11 m/s	Moderate-breezy Winds: SE 4 –8 m/s	Moderate-Winds: SE 4 –8 m/s

## 6. KALOLENI SUB COUNTY: Mariakani, Kayafungo, Kaloleni, Mwana Mwinga Wards

	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5 mm Light showers/sunny intervals	 0- 5 mm Light showers/sunny intervals	 0 - 5mm Light showers/sunny intervals	 10 - 20mm Moderate showers	 5 - 10mm Moderate showers
Rainfall Distribution	 Few places	 Few places	 Few places	 Several Places	 Few places	 Several Places	 Several Places
Max Temperature	32 °C	32 °C	30 °C	29 °C	28 °C	28 °C	28 °C
Min Temperature	24°C	24 °C	24 °C	24 °C	24 °C	23 °C	23 °C
winds	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6–11 m/s	Moderate-strong Winds: SE 6 –11 m/s	Moderate-strong Winds: SE 6 –10 m/s	Moderate Winds: SE 4 – 8 m/s	Moderate Winds: SE 4– 8 m/s

## 7. RABAI SUB COUNTY: Rabai, Kambe/Ribe, Ruruma, Mwawesa Wards

8.	Tuesday - 01/04/25	Wednesday 02/04/25	Thursday 03/04/25	Friday 04/04/25	Saturday 05/04/25	Sunday 06/04/25	Monday 07/03425
Rainfall amounts	 0 - 2 mm Light showers/sunny intervals	 0 - 2 mm Light showers/sunny intervals	 0 - 5 mm Light showers/sunny intervals	 1 - 5 mm Light showers/sunny intervals	 0 - 5mm Light showers/sunny intervals	 10 - 26mm Heavy showers	 10 - 15mm Moderate showers
Rainfall Distribution	 Few places	 Few places	 Few places	 Several Places	 Few places	 Several Places	 Several Places
Max Temperature	32 °C	32 °C	29 °C	29 °C	28 °C	28 °C	28 °C
Min Temperature	24 °C	24 °C	24 °C	24 °C	24 °C	23 °C	24 °C
winds	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6 –12 m/s	Moderate-strong Winds: SE 6–11 m/s	Moderate-strong Winds: SE 6 –11 m/s	Moderate-breezy Winds: SE 6 – 10 m/s	Moderate Winds: SE 4 – 8 m/s	Moderate Winds: SE 4– 8 m/s

### PART III: Meteorological advice to farmers concerning March-May season

- The 4<sup>th</sup> week of March to the 3<sup>rd</sup> week of April is expected to mark the proper onset of MAM rainfall. 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>	
Category	Rainfall Amount.	<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 IV: 7days Marine weather forecast.

Moderate to rough Ocean conditions are expected to prevail until 4<sup>th</sup> April then improve to moderate as from 5<sup>th</sup> April.

- Moderate –strong winds ranging from 5 to 11m/s expected until 4<sup>th</sup> April, 2025.
- Moderate winds ranging from 4 to 8m/s expected from 5<sup>th</sup> to 7<sup>th</sup> April, 2025.
- Ocean users using small crafts are advised to venture with caution from especially 2<sup>nd</sup> to 4<sup>th</sup> April, 2025, due to strong winds generating high waves.

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

	Wednesday 2 <sup>nd</sup>	Thursday 3 <sup>rd</sup>	Friday 4 <sup>th</sup>	Saturday 5 <sup>th</sup>	Sunday 6 <sup>th</sup>	Monday 7 <sup>th</sup>	Tuesday 8 <sup>th</sup> April
<b>Max. wind In m/s</b>	5-11	5-11	4-11	4-8	4-8	4-8	4-8

**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!!! 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*