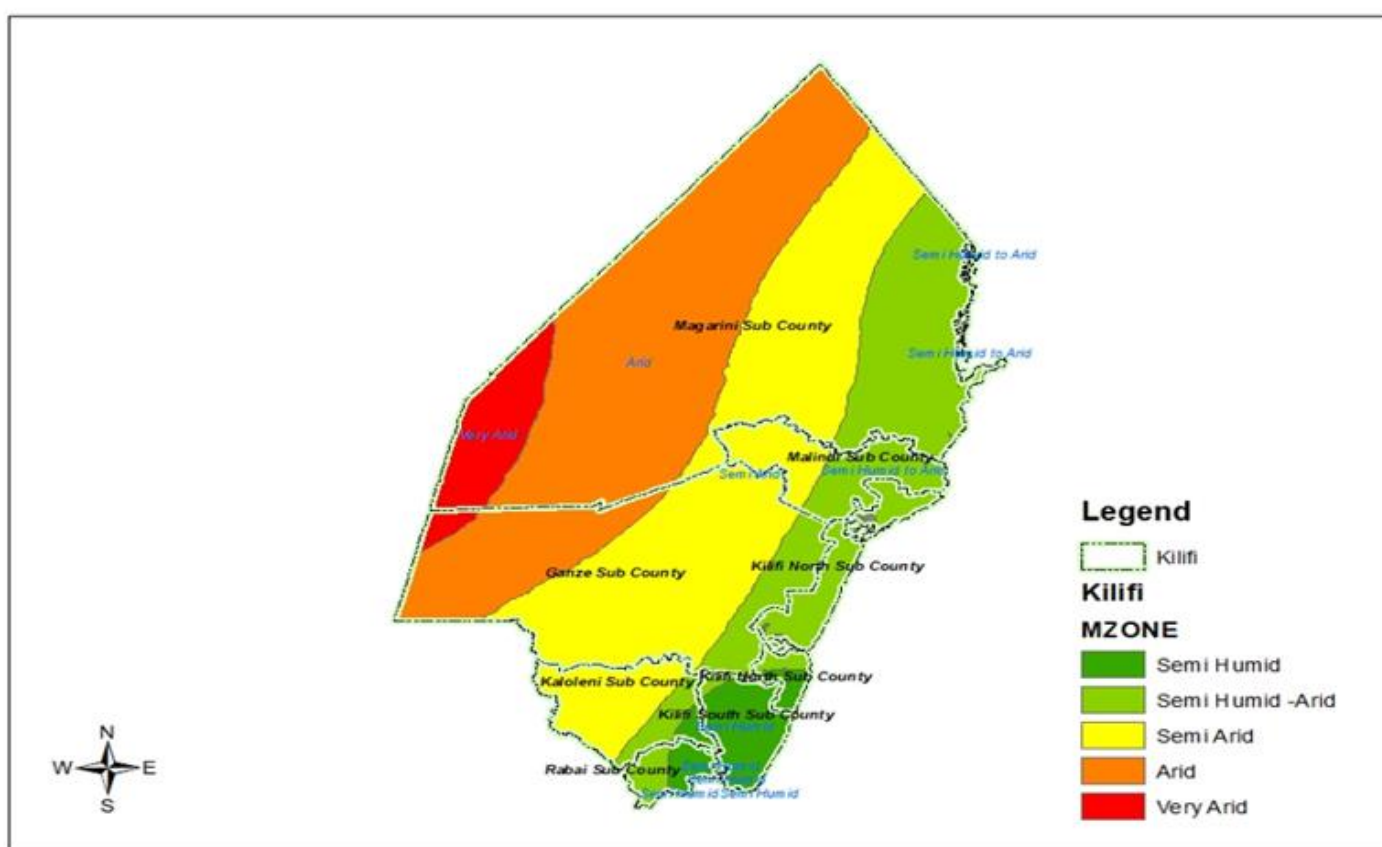


# Weather& Marine Forecast for Kilifi County



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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 15<sup>th</sup> to 21<sup>st</sup> July, 2025**

### **PART I: Weekly weather forecast summary**











- The County is expected to receive light occasional showers over few places especially on Wednesday, Thursday or Friday.
- A few areas in Malindi and Kilifi south subcounties have a chance of receiving occasional light showers on Tuesday.
- Mainly Sunny conditions expected from Saturday to Monday.
- Maximum/Daytime temperatures are expected to range from 27– 30 °C in areas within the coastline and 28-31 °C in the hinterlands.
- The Minimum/Night temperatures are expected to range from 21-24 °C in areas within the coastline and 21-23°C in the hinterlands.
- Inland winds are expected to improve from Wednesday, with mainly moderate to strong winds the entire county.
- There's need for caution in especially Magarini , Malindi , Ganze and Kilifi North sub counties on Tuesday .
- Ocean conditions are expected to improve from Wednesday to Friday then slightly deteriorate from Saturday to Monday.
- Moderate to Rough Ocean conditions are expected this week with wind speeds ranging from 15-28Knots.
- Users of small vessels are advised to avoid venturing deepsea on Tuesday due to strong winds.
- Users of small vessels are advised to venture with caution due to moderate to strong winds the rest of the week.
- Any significant change in the forecast will be shared in your WhatsApp groups

### **PART II: Meteorological advice to farmers concerning June to August KUSI season**












- The JJA season is expected to be characterized by near average rainfall in areas within the coastline (semi humid – semi arid lands of Kilifi).
- July is expected to receive near normal rainfall amounts.
- Forecast for July indicate that, areas within the coastline and parts of semi-arid lands of the hinterlands are expected to receive near average rainfall.
- Temperatures in JJA are expected to be higher than the climatological average, although maintain lower than the rest of the year records.
- The month of July marks the middle of the KUSI/JJA season –controlled by strong summer monsoons.
- General public and ocean users are advised to be cautious of chilly conditions and strong winds occasionally influenced by the monsoons.
- Farmers are advised to take advantage of the near average rains and plant the recommended crops and trees.

Table I Weekly detailed forecast per subcounty












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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 sunny intervals	 0- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution		 Few places	 Few places	 Few places			
Max Temperature	32°C	31°C	31°C	30°C	31°C	31°C	31°C
Min Temperature	22°C	22°C	22°C	22°C	21°C	21°C	21°C
winds	Moderate- strong Winds: : SSE 13- 28knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12-26knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12- 26knots











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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 0- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution	 Few places	 Few places	 Few places	 Few places			
Max Temperature	30°C	29°C	30°C	29°C	30°C	30°C	30°C
Min Temperature	23°C	22°C	22°C	22°C	22°C	22°C	22°C
winds	Moderate- strong Winds: : SSE 13- 29knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12-26knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12- 26knots










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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 0- 5mm Light showers/ sunny intervals	 2- 5mm Light showers/ sunny intervals	 1- 5mm Light showers/ sunny intervals	 2- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution	 Few places	 Few places	 Few places	 Few places			
Max Temperature	28°C	27°C	27°C	28°C	28°C	28°C	28°C
Min Temperature	22°C	22°C	22°C	21°C	21°C	21°C	21°C
winds	Moderate- strong Winds: : SSE 15- 27knots	Moderate- strong Winds: : SSE 12- 24knots	Moderate- strong Winds: : SSE 12-24knots	Moderate- strong Winds: : SSE 12- 24knots	Moderate- strong Winds: : SSE 12-24knots	Moderate- strong Winds: : SSE 12- 24knots	Moderate- strong Winds: : SSE 12-24knots









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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 sunny intervals	 1- 5mm Light showers/ sunny intervals	 0- 5mm Light showers/ sunny intervals	 1- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution		 Few places	 Few places	 Few places			
Max Temperature	29°C	27°C	28°C	29°C	29°C	29°C	29°C
Min Temperature	23°C	23°C	23°C	23°C	23°C	23°C	23°C
winds	Moderate- strong Winds: : SSE 14- 29knots	Moderate- strong Winds: : SSE 12- 26knots	Moderate- strong Winds: : SSE 12-26knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots

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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 sunny intervals	 0- 5mm Light showers/ sunny intervals	 sunny intervals	 0- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution		 Few places		 Few places			
Max Temperature	29°C	29°C	29°C	29°C	29°C	29°C	29°C
Min Temperature	21°C	21°C	21°C	21°C	21°C	21°C	21°C
winds	Moderate-strong Winds: : SSE 15-27knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots

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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 sunny intervals	 sunny intervals	 sunny intervals	 1- 5mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution				 Few places			
Max Temperature	28°C	28°C	28°C	28°C	28°C	28°C	28°C
Min Temperature	21°C	22°C	22°C	22°C	22°C	21°C	21°C
winds	Moderate-strong Winds: : SSE 13-27knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-24knots	Moderate-strong Winds: : SSE 12-23knots	Moderate-strong Winds: : SSE 12-23knots	Moderate-strong Winds: : SSE 12-23knots	Moderate-strong Winds: : SSE 12-23knots

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









8.	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Rainfall amounts	 sunny intervals	 0- 3mm Light showers/ sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals	 sunny intervals
Rainfall Distribution		 Few places					
Max Temperature	30°C	29°C	29°C	30°C	30°C	30°C	30°C
Min Temperature	22 °C	22 °C	21 °C	22 °C	21 °C	21 °C	21 °C
winds	Moderate- strong Winds: : SSE 15- 28knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12-26knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots	Moderate- strong Winds: : SSE 12- 25knots

Table II: KEY INDICATORS FOR RAINFALL

Category	Amount		
Category	Rainfall Amount.	<u>Rainfall Distribution</u>	
Light	Less than 5.0mm	<u>Term</u>	<u>Meaning</u>
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: 7day Marine weather

Ocean conditions are expected to improve from Wednesday to Friday then slightly increase from Saturday to Monday.

Moderate to Rough Ocean conditions are expected this week with wind speeds ranging from 15-28Knots.

moderate to very Strong winds expected on Tuesday ranging from 15-28Knots.

Moderate to strong winds expected the rest of the week with wind speeds ranging from 15-26Knots.

Users of small vessels are advised to avoid venturing deepsea on Tuesday due to strong winds.

Users of small vessels are advised to venture with caution due to moderate to strong winds the rest of the week.

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

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
<b>Max. wind</b> In knots	15-28	15-25	15-24	16-24	17-26	17-26	17-26
<b>Wave height in metres</b>	2.1-2.3	2.0-2.1	1.9-2.1	2.0-2.4	2.0-2.4	2.0-2.5	2.0-2.5

**Table IV: Key on Ocean State**

<b>(A)</b>	<b>WAVE HEIGHT RANGE (Metres)</b>	<b>DESCRIPTION</b>	<b>IMPACT</b>
	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>(B)</b>	<b>WIND RANGE</b>	<b>DESCRIPTION</b>	<b>IMPACT</b>
	< 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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