

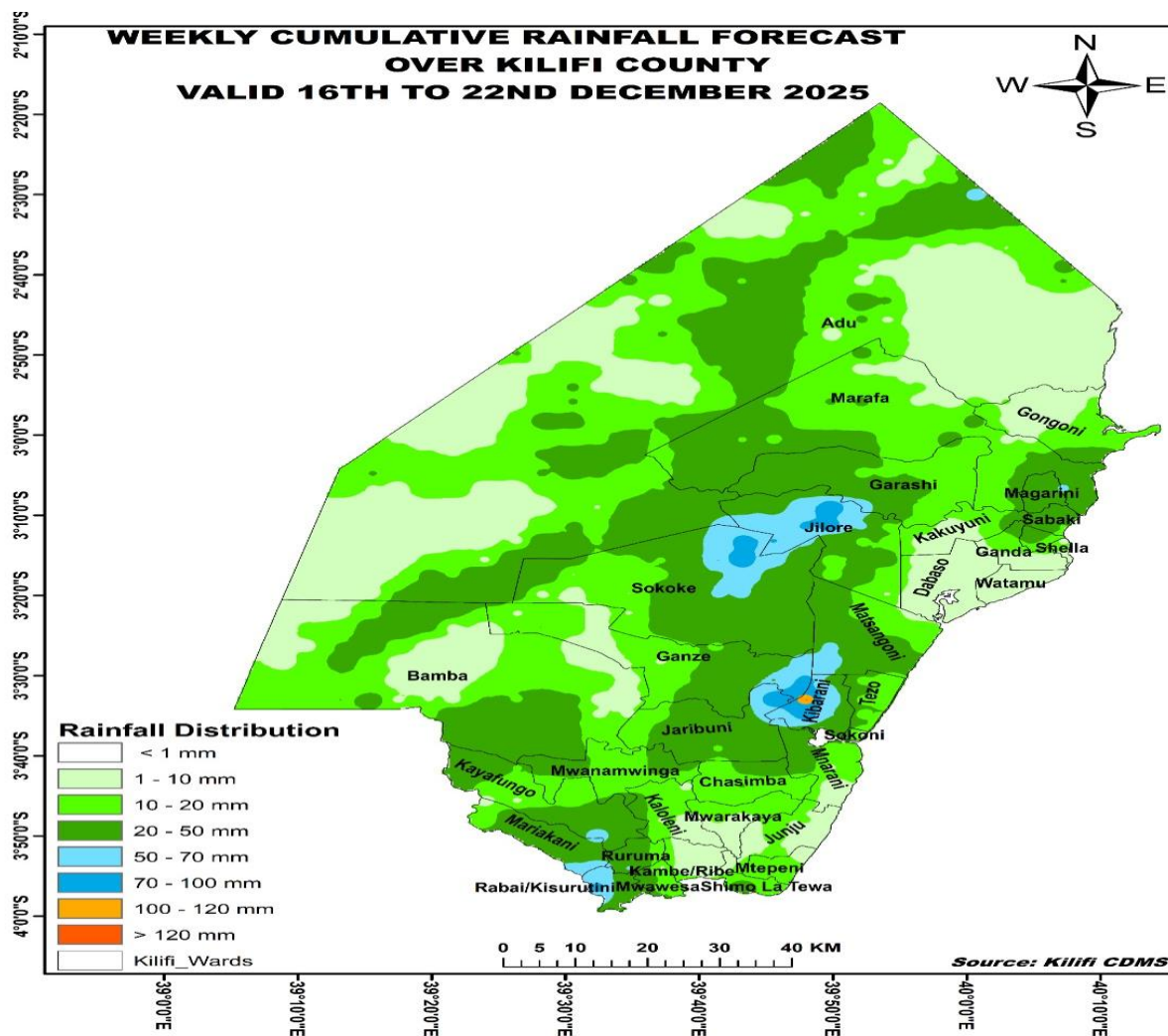


REPUBLIC OF KENYA  
MINISTRY OF ENVIRONMENT CLIMATE CHANGE AND FORESTRY  
KENYA METEOROLOGICAL DEPARTMENT

Mtwapa Agrometeorological Station  
P.O.BOX 113-80109, Mtwapa.  
KILIFI COUNTY  
WEEKLY WEATHER FORECAST.

Date of issue: 15<sup>th</sup> Dec. 2025






















Period of forecast: Tue 16<sup>th</sup> to Mon 22<sup>nd</sup> Dec 2025
























## PART I: Weekly weather forecast summary.

- Most parts of the county are likely to be sunny and dry. However, light showers are expected in a few areas during the forecast week.
- Maximum/Daytime temperatures are expected to range from 31– 34 °C.
- The Minimum/Night temperatures are expected to range from 22-25 °C.
- The week is expected to experience moderate to strong winds.
- **Users of small vessels are advised to venture with caution the rest of the week.**
- Any significant change in the forecast will be shared in your WhatsApp groups.
























**Table 1: Magarini Sub-County; Magarini, Marafa, Gongoni, Adu, Garashi and Sabaki Ward.**

|                              | <b>Tuesday<br/>16/12/2025</b>  | <b>Wednesday<br/>17/12/2025</b>  | <b>Thursday<br/>18/12/2025</b>   | <b>Friday<br/>19/12/2025</b>   | <b>Saturday<br/>20/12/2025</b>   | <b>Sunday<br/>21/12/2025</b>   | <b>Monday<br/>22/12/2025</b>   |
|------------------------------|--|--|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   | <br>Cloudy with sunny intervals   |
| <b>Afternoon</b>             | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Night</b>                 | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> |  |  |  |  |  |  |  |
| <b>Maximum temperature</b>   | 32°C   | 33°C   | 33°C   | 32°C   | 32°C   | 31°C   | 31°C   |
| <b>Minimum temperature</b>   | 22°C   | 23°C   | 23°C   | 24°C   | 24°C   | 24°C   | 24°C   |
| <b>Winds</b>                 | South easterly winds<br>9-20 knots   | Easterly winds<br>9-19 knots   | Easterly winds<br>10-21knots   | Easterly winds<br>6-18 knots   | Easterly winds<br>8-19 knots   | Easterly winds<br>10-23 knots  | South easterly winds<br>11-25 knots  |






















**Table 2: Malindi Sub County; Jilore, Shela, Kakuyuni, Ganda and Malindi ward.**

|                              | <b>Tuesday</b><br>16/12/2025   | <b>Wednesday</b><br>17/12/2025   | <b>Thursday</b><br>18/12/2025  | <b>Friday</b><br>19/12/2025  | <b>Saturday</b><br>20/12/2025  | <b>Sunday</b><br>21/12/2025  | <b>Monday</b><br>22/12/2025  |
|------------------------------|--|--|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Afternoon</b>             | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Night</b>                 | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> |  |  |  |  |  |  |  |
| <b>Maximum temperature</b>   | 34°C   | 34°C   | 33°C   | 33°C   | 34°C   | 34°C   | 33°C   |
| <b>Minimum temperature</b>   | 22°C   | 23°C   | 23°C   | 23°C   | 23°C   | 23°C   | 23°C   |
| <b>Winds</b>                 | South easterly winds<br>9-19 knots   | South easterly winds<br>9-20 knots   | Easterly winds<br>8-19 knots   | Easterly winds<br>6-16 knots   | Easterly winds<br>7-16knots  | Easterly winds<br>8-22 knots   | South easterly winds<br>8-21knots  |

























**Table 3: Kilifi South Sub County: Junju, Mwarakaya, Chasimba, Mtepeni and Shimo La Tewa ward**

|                              | <b>Tuesday<br/>16/12/2025</b>   | <b>Wednesday<br/>17/12/2025</b>   | <b>Thursday<br/>18/12/2025</b>   | <b>Friday<br/>19/12/2025</b>   | <b>Saturday<br/>20/12/2025</b>   | <b>Sunday<br/>21/12/2025</b>   | <b>Monday<br/>22/12/2025</b>   |
|------------------------------|---|---|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals          | <br>Cloudy with sunny intervals          | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Afternoon</b>             | <br>Sunny intervals and light showers    | <br>Sunny intervals and light showers    | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Night</b>                 | <br>Partly cloudy night sky              | <br>Partly cloudy                        | <br>Partly cloudy               | <br>Partly cloudy               | <br>Partly cloudy               | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> | <br>A chance of showers over few places. | <br>A chance of showers over few places. |  |  |  |  |  |
| <b>Maximum temperature</b>   | 33°C  | 33°C  | 32°C   | 33°C   | 32°C   | 32°C   | 31°C   |
| <b>Minimum temperature</b>   | 23°C  | 23°C  | 23°C   | 33°C   | 23°C   | 23°C   | 23°C   |
| <b>Winds</b>                 | Easterly winds<br>9-20 knots  | Easterly winds<br>6-21 knots  | Easterly Winds<br>9-21 knots   | Easterly<br>Winds<br>7-16 knots  | Easterly winds<br>7-17 knots   | Easterly winds<br>9-23 knots   | Easterly winds<br>9-23 knots   |

























**Table 4: Kilifi North Sub County: Matsangoni, Watamu, Mnarani, Tezo, Sokoni, Dabaso and Kibarani.**

|                              | <b>Tuesday<br/>16/12/2025</b>  | <b>Wednesday<br/>17/12/2025</b>  | <b>Thursday<br/>18/12/2025</b>   | <b>Friday<br/>19/12/2025</b>   | <b>Saturday<br/>20/12/2025</b>   | <b>Sunday<br/>21/12/2025</b>   | <b>Monday<br/>22/12/2025</b>   |
|------------------------------|--|--|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Afternoon</b>             | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Night</b>                 | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> |  |  |  |  |  |  |  |
| <b>Maximum temperature</b>   | 32°C   | 32°C   | 32°C   | 32°C   | 31°C   | 33°C   | 32°C   |
| <b>Minimum temperature</b>   | 24°C   | 25°C   | 25°C   | 24°C   | 24°C   | 23°C   | 24°C   |
| <b>Winds</b>                 | Easterly winds<br>8-17 knots   | Easterly winds<br>8-17 knots   | Easterly winds<br>9-19 knots   | Easterly winds<br>6-16 knots   | Easterly winds<br>8-16 knots   | Easterly winds<br>10-22 knots  | Easterly winds<br>10-22 knots  |
























**Table 5: Kaloleni Sub County; Kaloleni, Mariakani, Kayafungo and Mwana Mwinga ward.**

|                              | <b>Tuesday<br/>16/12/2025</b>  | <b>Wednesday<br/>17/12/2025</b>  | <b>Thursday<br/>18/12/2025</b>   | <b>Friday<br/>19/12/2025</b>   | <b>Saturday<br/>20/12/2025</b>   | <b>Sunday<br/>21/12/2025</b>   | <b>Monday<br/>22/12/2025</b>   |
|------------------------------|--|--|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals           | <br>Cloudy with sunny intervals           | <br>Cloudy with sunny intervals           | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Afternoon</b>             | <br>Sunny intervals and light showers     | <br>Sunny intervals and light showers     | <br>Sunny intervals and light showers     | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Night</b>                 | <br>Partly cloudy night sky               | <br>Partly cloudy night sky               | <br>Partly cloudy night sky               | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> | <br>A chance of showers over few places. | <br>A chance of showers over few places. | <br>A chance of showers over few places. |  |  |  |  |
| <b>Maximum temperature</b>   | 32°C   | 32°C   | 31°C   | 31°C   | 32°C   | 32°C   | 31°C   |
| <b>Minimum temperature</b>   | 22°C   | 22 °C  | 23°C   | 23°C   | 22°C   | 23°C   | 23°C   |
| <b>Winds</b>                 | Easterly winds<br>9-20 knots   | Easterly winds<br>9-22 knots   | Easterly winds<br>9-19 knots   | Easterly winds<br>8-16 knots   | Easterly winds<br>7-17 knots   | Easterly winds<br>9-23 knots   | Easterly winds<br>9-22 knots   |

**Table 6: Rabai Sub County: Rabai, Kambe/Ribe, Ruruma and Mwawesa ward.**

|                                  | <b>Tuesday<br/>16/12/2025</b>   | <b>Wednesday<br/>17/12/2025</b>   | <b>Thursday<br/>18/12/2025</b>  | <b>Friday<br/>19/12/2025</b>  | <b>Saturday<br/>20/12/2025</b>  | <b>Sunday<br/>21/12/2025</b>  | <b>Monday<br/>22/12/2025</b>  |
|----------------------------------|---|---|---|---|---|---|---|
| <b>Morning</b>                   | <br>Sunny intervals<br>and light showers       | <br>Sunny intervals<br>and light showers       | <br>Cloudy with<br>sunny intervals | <br>Cloudy with<br>sunny intervals | <br>Cloudy with<br>sunny intervals             | <br>Cloudy with<br>sunny intervals | <br>Cloudy with<br>sunny intervals |
| <b>Afternoon</b>                 | <br>Cloudy with<br>sunny intervals             | <br>Cloudy with<br>sunny intervals             | <br>Cloudy with<br>sunny intervals | <br>Cloudy with<br>sunny intervals | <br>Sunny intervals<br>and light showers       | <br>Cloudy with<br>sunny intervals | <br>Cloudy with<br>sunny intervals |
| <b>Night</b>                     | <br>Partly cloudy<br>night sky                 | <br>Partly cloudy<br>night sky                 | <br>Partly cloudy<br>night sky     | <br>Partly cloudy<br>night sky     | <br>Partly cloudy<br>night sky                 | <br>Partly cloudy<br>night sky     | <br>Partly cloudy<br>night sky     |
| <b>Rainfall<br/>distribution</b> | <br>A chance of<br>showers over<br>few places. | <br>A chance of<br>showers over<br>few places. |   |   | <br>A chance of<br>showers over<br>few places. |   |   |
| <b>Maximum<br/>temperature</b>   | 31°C  | 32°C  | 31°C  | 31°C  | 32°C  | 32°C  | 32°C  |
| <b>Minimum<br/>temperature</b>   | 22°C  | 22°C  | 22°C  | 22°C  | 22°C  | 23°C  | 22°C  |
| <b>Winds</b>                     | Easterly winds<br>9-19knots   | Easterly winds<br>9-19knots   | Easterly winds<br>8-18knots   | Easterly winds<br>8-18knots   | Easterly winds<br>7-18knots   | Easterly winds<br>9-22knots   | Easterly winds<br>9-21knots   |

**Table 7: Ganze Sub County: Ganze, Sokoke, Jaribuni and Bamba ward.**

|                              | <b>Tuesday<br/>16/12/2025</b>  | <b>Wednesday<br/>17/12/2025</b>  | <b>Thursday<br/>18/12/2025</b>   | <b>Friday<br/>19/12/2025</b>   | <b>Saturday<br/>20/12/2025</b>   | <b>Sunday<br/>21/12/2025</b>   | <b>Monday<br/>22/12/2025</b>   |
|------------------------------|--|--|--|--|--|--|--|
| <b>Morning</b>               | <br>Cloudy with sunny intervals           | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals           | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals | <br>Cloudy with sunny intervals |
| <b>Afternoon</b>             | <br>Sunny intervals and light showers     | <br>Cloudy with sunny intervals | <br>Sunny intervals and light showers     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Night</b>                 | <br>Partly cloudy night sky               | <br>Partly cloudy night sky     | <br>Partly cloudy night sky               | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     | <br>Partly cloudy night sky     |
| <b>Rainfall distribution</b> | <br>A chance of showers over few places. |  | <br>A chance of showers over few places. |  |  |  |  |
| <b>Maximum temperature</b>   | 32°C   | 32°C   | 33°C   | 33°C   | 33°C   | 33°C   | 32°C   |
| <b>Minimum temperature</b>   | 23°C   | 23°C   | 23°C   | 23°C   | 22°C   | 23°C   | 22°C   |
| <b>Winds</b>                 | Easterly winds 10-21knots  | Easterly winds 9-20knots   | Easterly winds 10-20 knots   | Easterly winds 7-17 knots  | Easterly winds 8-19 knots  | Easterly winds 9-23 knots  | Easterly winds 8-21knots   |



**PART II: 7days Marine weather.**

Moderate ocean conditions are expected this week with wind speeds ranging from 12-19Knots.

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

| DAYS                      | Tuesday<br>16/12/2025 | Wednesday<br>17/12/2025 | Thursday<br>18/12/2025 | Friday<br>19/12/2025 | Saturday<br>20/12/2025 | Sunday<br>21/12/2025 | Monday<br>22/12/2025 |
|---------------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|
| MAX.<br>Wind<br>In knots. | 12-19                 | 13-19                   | 12-18                  | 11-18                | 12-17                  | 12-17                | 12-17                |

**Table I1. Key on Ocean state.**

(a)

| WAVE HEIGHT RANGE (Meters)    | 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!!!<br>Warning in place and marine activities on hold |
| 4.1 - 5.5m(=12.3 - 16.5ft).   | 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.<br>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.<br>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.<br>Warning in place. |

#### APPENDIX 1: INTERPRETATION OF TERMS USED.

| Term       | Rainfall Amount [24hrs] | Description                     |
|------------|-------------------------|---------------------------------|
| Light      | < 5mm                   | Gentle rain, drizzle.           |
| Moderate   | 5 - 20 mm               | Steady, noticeable rain.        |
| Heavy      | 21 – 50 mm              | Intense rain, possible thunder. |
| Very Heavy | >50 mm                  | Prolonged rain.                 |

| Term           | Area Affected | Description  |
|----------------|---------------|--|
| Few places     | <33%          | Rain in a small portion of the region.             |
| Several places | 33% to 66%    | Rain in multiple but not most parts of the region. |
| Most places    | >66%          | Rain in nearly all parts of the region.            |

| <b>Term.</b>          | <b>Probability of Occurrence</b> | <b>Description.</b>                            |
|-----------------------|----------------------------------|--|
| <b>Possible</b>       | 10 – 30 %                        | There is low confidence.                       |
| <b>Chance of/ May</b> | 31 – 50 %                        | There is moderate confidence.                  |
| <b>Likely</b>         | 51 – 75 %                        | The event is more probable than not.           |
| <b>Expected</b>       | 76 – 90 %                        | There is high confidence.                      |
| <b>Very Likely</b>    | 91 – 99 %                        | There is very high confidence. Almost certain. |
| <b>Certain</b>        | 100 %                            | The event is guaranteed to occur.              |

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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