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*Our Ref: MET/MSA-CNTY/WK2 SEPTEMBER 2025*





























*Date of Issue: 8<sup>TH</sup> SEPTEMBER 2025*

## **MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 9 – 15 SEPT 2025**

### **PART-I: Mombasa County Weekly Weather Outlook**

- 1 We are expecting a mixed weather conditions during the forecast week. A few places will experience showers in the morning during the forecast week.
- 2 The expected range of daytime MAXIMUM temperature is 29 - 30 °C; the average MINIMUM temperature will be around 24 °C.
- 3 Moderate winds are expected throughout the forecast week. Wind strength will vary between 7 - 10 m/s (14– 20 Kt) throughout the forecast period.
- 4 **MODERATE sea conditions** will prevail throughout the forecast week. Wave heights of between 1.5 m to 2.2 m (4.6 to 6.6 ft). The conditions are favourable for Marine activities.
- 5 **CAUTION IS ADVISED WHILE CONDUCTING MARINE ACTIVITIES IN DEEP SEAS DURING THE WEEK**

## PART-II: Detailed Weekly Weather Forecast for Mombasa County

|                               |                   | Probable weather  |  |  |  |  |   |  |
|-------------------------------|-------------------|---|--|--|--|--|---|--|
|                               |                   | Notes: Light rains < 1-5 mm; Moderate rains 5-20 mm; Heavy rains > 20 mm                            |  |  |  |  |   |  |
|                               |                   | Tue<br>9/9/2025   | Wed<br>10/9/2025   | Thurs<br>11/9/2025   | Fri<br>12/9/2025   | Sat<br>13/9/2025   | Sun<br>14/9/2025  | Mon<br>15/9/2025   |
| Rainfall                      | Morning           |  Showers and Sunny |  Cloudy and Sunny |  Showers and Sunny |  Cloudy and Sunny           |  Cloudy and Sunny |  Showers and Sunny |  Cloudy and Sunny |
|                               | Afternoon         |  Cloudy and Sunny  |  Cloudy and Sunny |  Cloudy and Sunny  |  Cloudy and Sunny intervals |  Cloudy and Sunny |  Cloudy and Sunny  |  Cloudy and Sunny |
|                               | Night             |  Partly Cloudy     |  Partly Cloudy    |  Partly Cloudy    |  Partly Cloudy              |  Partly cloudy    |  Partly Cloudy     |  Partly Cloudy    |
|                               | Distribution      |  A few places      |  several Places   |  A few places     |  Several places             |  Several places   |  Several places    |  Several places   |
| Temperature                   | Maximum           | 30 °C   | 30 °C  | 30 °C  | 30 °C  | 30 °C  | 30 °C   | 30 °C  |
|                               | Minimum           | 24 °C   | 24 °C  | 24 °C  | 24 °C  | 24 °C  | 24 °C   | 24 °C  |
| Humidity                      | Maximum           | 86 %  | 84 %   | 85 %   | 82 %   | 82 %   | 82%   | 82 %   |
|                               | Minimum           | 72 %  | 72 %   | 72 %   | 70%  | 71 %   | 70 %  | 70 %   |
| Wind Maximum                  | Speed & Direction | South @ 7 m/s   | South @ 7 m/s  | South East @ 10 m/s  | South East @ 8m/s  | South @ 8 m/s  | South @ 8 m/s   | South @ 8 m/s  |
| Significant Ocean wave height |                   | 1.5 – 1.8 m Moderate  | 1.6– 1.8 m Moderate  | 1.8 – 2.2 m Moderate   | 1.8 – 2.2 m Moderate   | 1.8 – 2.0 m Moderate   | 1.8 – 2.0 m Moderate  | 1.8 – 2.0 m Moderate   |

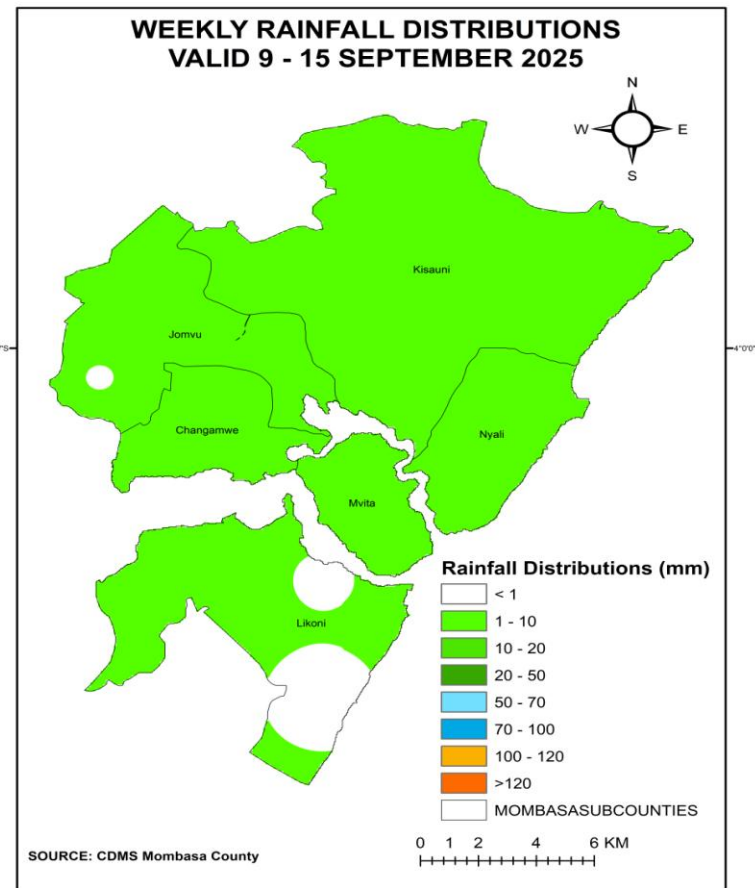
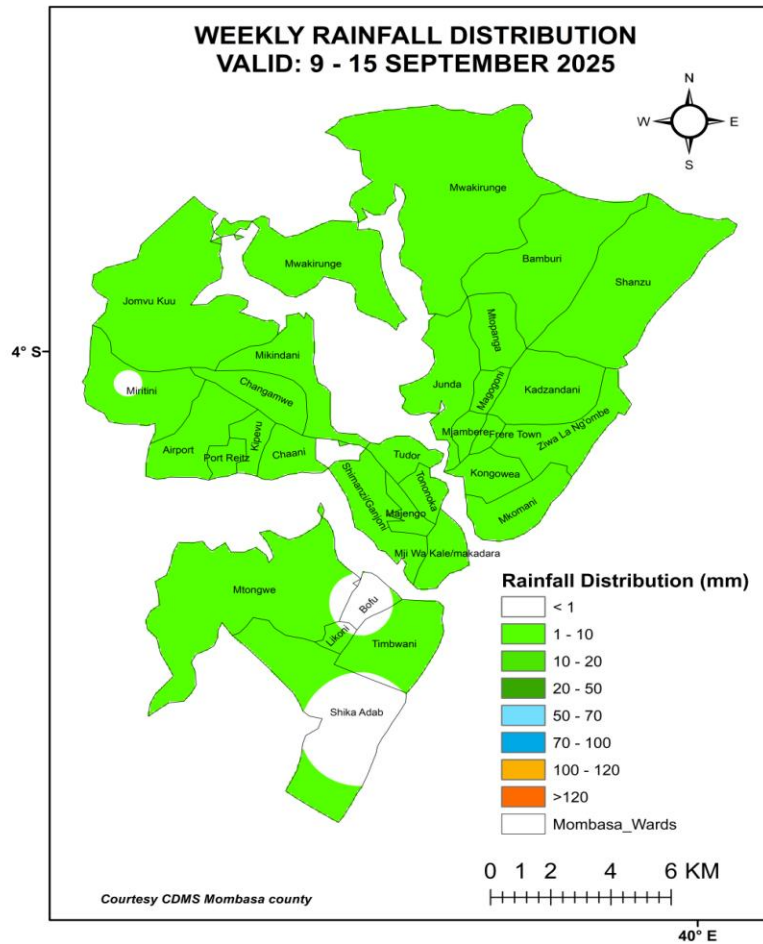
## PART-III: WEATHER SYMBOLS

### Key for Marine Hazard Symbols

| WAVE HEIGHT RANGE (Metres)  |               | DESCRIPTION  | IMPACT  |
|---|---------------|--|---|
| 0.5 – 1.0   |               | SLIGHT SEA STATE   | Conditions suitable for Marine activities   |
| 1.1 – 2.0   |               | MODERATE SEA STATE   |   |
| 2.1 – 3.0   |               | ROUGH  |   |
| >3.0  |               | VERY ROUGH   | Warning in place!!!!<br>Warning in place on marine activities   |
| Conditions suitable for Marine Activities   |               |  |   |
| Caution required when operating Marine Activities in deep seas (Significant high waves) |               |  |   |
| Warning in Place (Sea significantly Rough)  |               |  |   |
| WIND SPEEDS   | RANGE         | DESCRIPTIONS   | IMPACT  |
|   | < 1           | -Calm:   | 1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations  |
|   | 1 – 3 Knots   | -Light air: rising smoke drifts  |   |
|   | 4 – 6 Knots   | -Light breeze: can feel wind on the face, small wavelets develop.                              | 7 – 17 knots, small boats are likely to be filled with water sprays and become unstable.<br>Caution in carrying our marine activities             |
|   | 7 – 10 Knots  | -Gentle breeze: Light weight flags extend, small wavelets, some whitecaps develop              |   |
|   | 11 – 16 Knots | -Moderate Breeze: Small waves develop and become longer  | More than 20 knots, the ocean state is very much disturbed and the prevailing conditions is dangerous for marine operations. Warning in place!!!! |
|   | 17 – 21 Knots | -Fresh breeze: white crested wavelets form with some sprays                                    |   |
|   | 22 – 27 Knots | -Strong breeze: large waves form, white caps and sprays:                                       |   |
|   | 28 – 33 Knots | -Very strong winds: larger waves develop and white foams from breaking waves begin to be blown |   |
|   | >34 Knots     | Extremely strong. Larger waves with blown foams  |   |
| DIRECTIONS  | N, E, S, W    | The pointer indicates the direction from which the wind is blowing from                        |   |

## ADDITIONAL INFORMATION

### RAINFALL DISTRIBUTIONS MSA COUNTY (SUBCOUNTY AND WARDS) 9– 15 SEPT2025



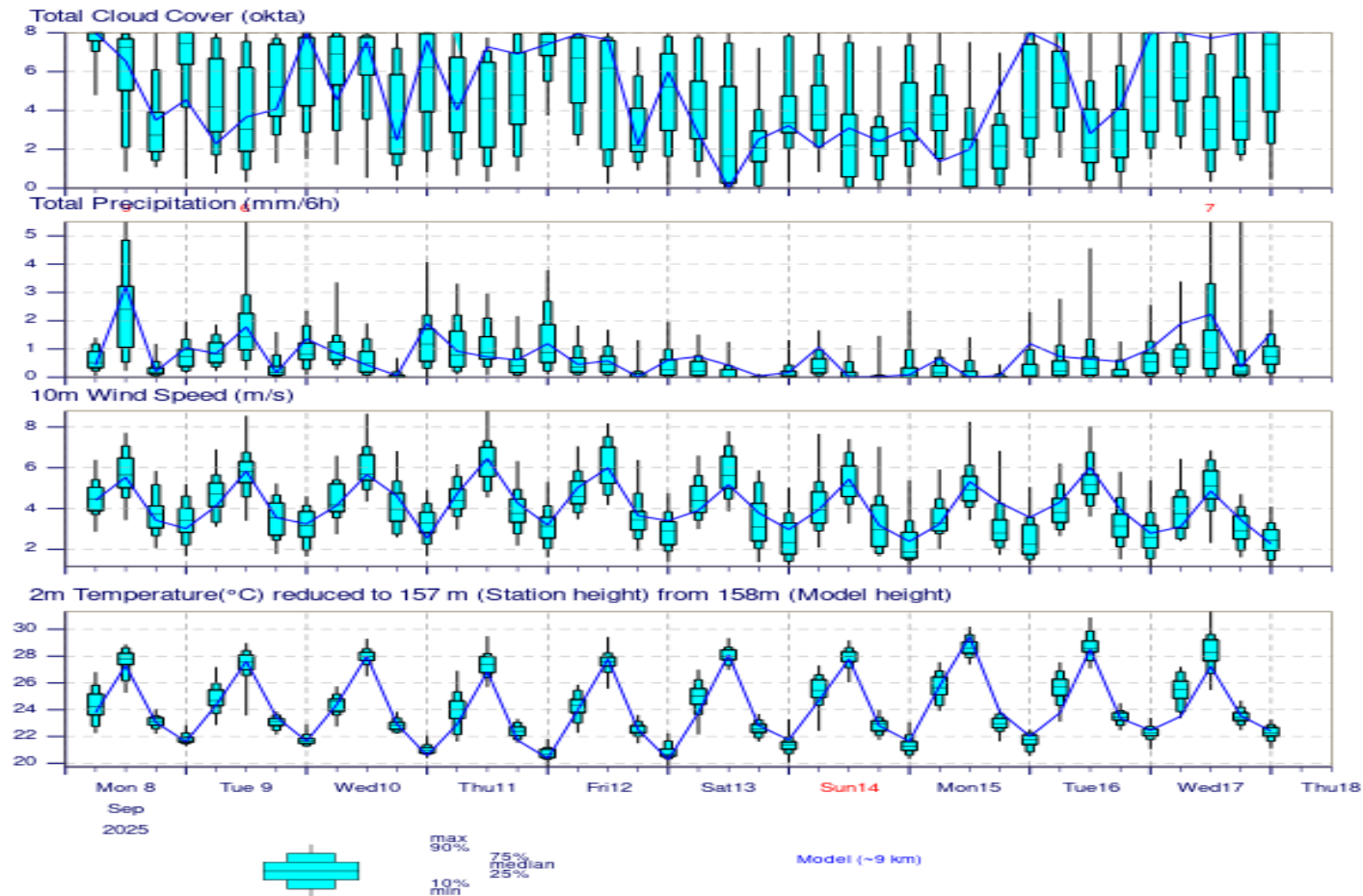
**Rainfall totals between 1 – 5 mm**

## 10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA

### ENS Meteogram

3.76°S 39.7°E (ENS land point) 157 m

Control Forecast and ENS Distribution Monday 8 September 2025 00 UTC



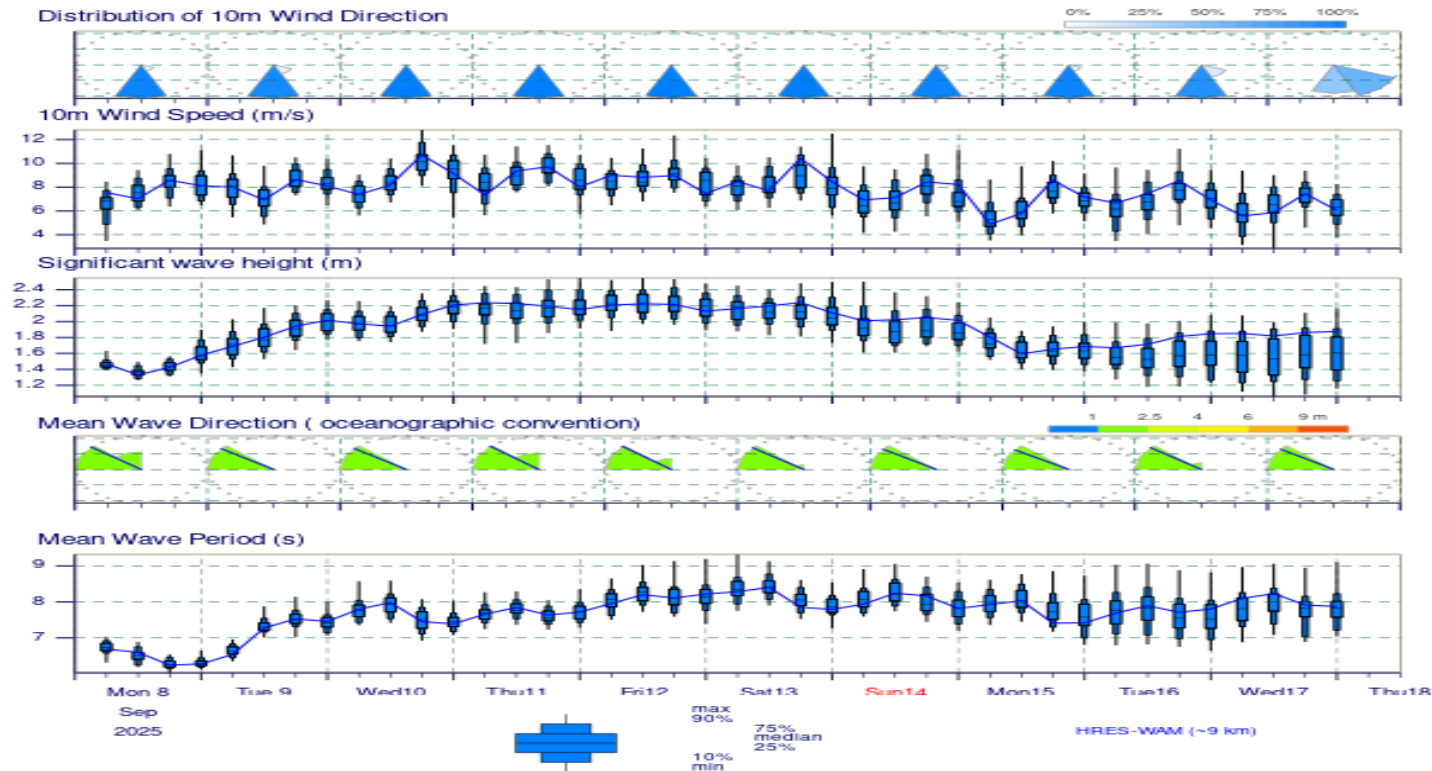
## TEN DAYS SIGNIFICANT WAVE HEIGHTS, WINDS, OVER SOUTH WEST INDIAN OCEAN

### Wave ENSgram

3.06°S 40.39°E (ENS sea point)

Monday 8 September 2025 00 UTC

#### Distribution of 10m Wind Direction



*The distribution of wind directions are predominantly South, throughout the 10 days forecast period, the wind speeds vary between 6 m/s and 10 m/s, the significant wave heights vary between 1.4 m and 2.2 m. The wave directions are Southerly (S) and the wave periods between 6 and 8 seconds*