



REPUBLIC OF KENYA
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Our Ref: MET/MSA-CNTY WEEK 2 MAY 2025





























Date of Issue: 5th MAY 2025

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 6TH - 12TH MAY 2025

PART-I: Mombasa County Weekly Weather Outlook

1. Wet weather conditions are expected at the beginning of forecast week (Tuesday and Wednesday). Dry conditions weather conditions will be experienced at the end of the forecast week.
 2. The expected range of daytime MAXIMUM temperature is 30- 32 °C; the average MINIMUM temperature will be around 25 °C.
 3. **Very Strong winds** expected at the beginning of the forecast week. Wind strength will vary between 8 - 15 m/s (16 – 30 Kt). There could be negative impacts
 4. **Significantly high waves are expected at the beginning of the week. Rough Ocean conditions will prevail at the beginning of the forecast week the forecast week.** Ocean conditions (0.8 – 1.5 m) are favourable for Marine activities.
 5. **WARNING!!!! IN PLACE ON RELATED OCEAN ACTIVITIES**
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PART-II: Detailed Weekly Weather Forecast for Mombasa County

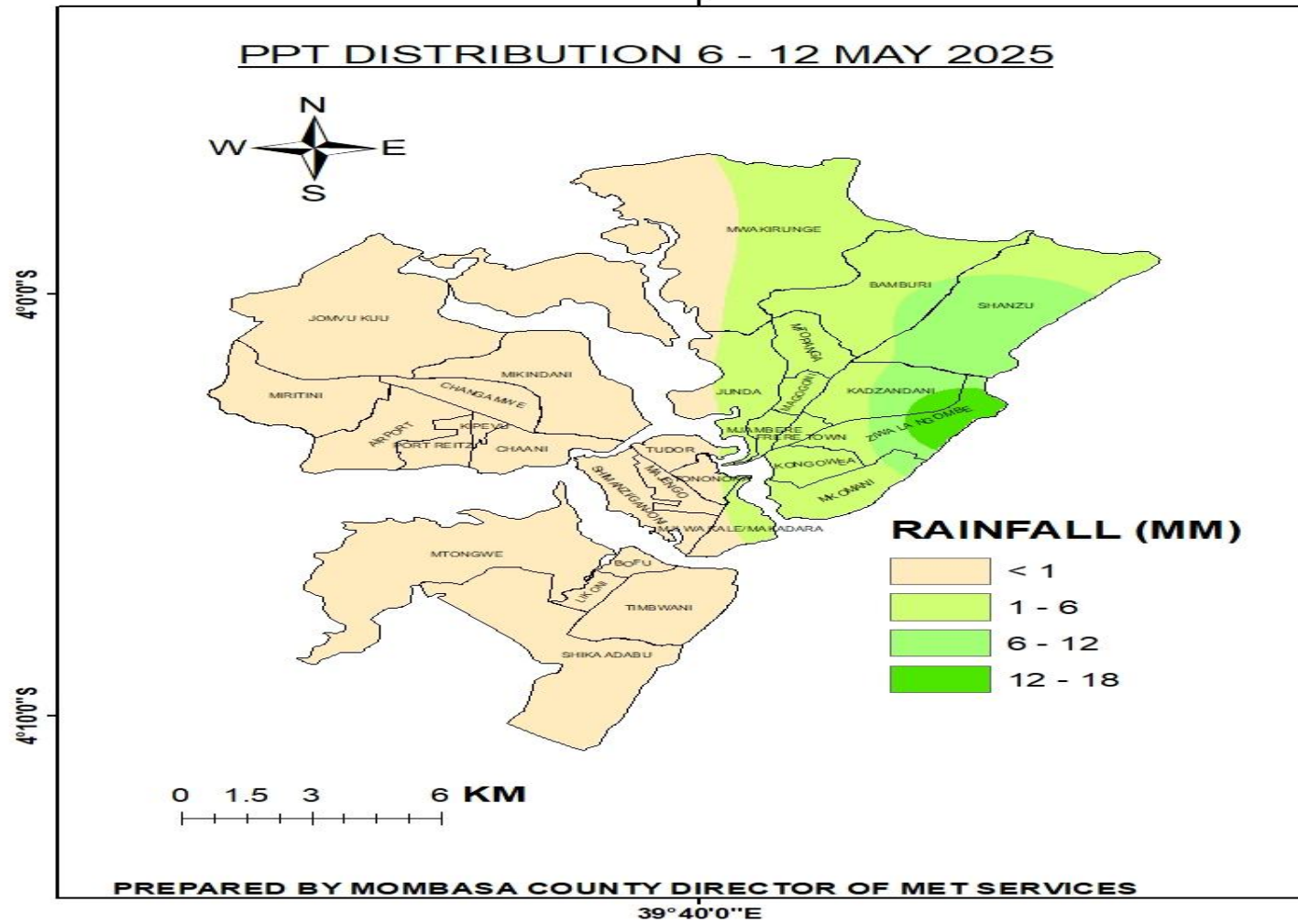
		Probable weather						
		Notes: Light rains < 1-5 mm; Moderate rains 5-20 mm; Heavy rains > 20 mm						
		Tue 6/5/2025	Wed 7/5/2025	Thurs 8/5/2025	Fri 9/5/2025	Sat 10/5/2025	Sun 11/5/2025	Mon 12/5/2025
Rainfall	Morning	 Showers and sunny	 Showers and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Cloudy and Sunny	 Cloudy and sunny
	Afternoon	 Cloudy Sunny intervals	 Showers and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Cloudy	 Cloudy and Sunny
	Night	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly cloudy	 Partly Cloudy	 Partly Cloudy
	Distribution	 Several places	 Several Places	 Several places	 Several places	 Several places	 Several places	 Several places
Temperature	Maximum	30 °C	30 °C	30 °C	30 °C	31 °C	31 °C	31 °C
	Minimum	25 °C	25 °C	26 °C	26 °C	26 °C	26 °C	26 °C
Humidity	Maximum	84 %	90%	82 %	85 %	85 %	84 %	83 %
	Minimum	76 %	72 %	75 %	76 %	76 %	75 %	76 %
Wind Maximum	Speed & Direction	South West @ 15 m/s	South West @ 15 m/s	South West @ 12m/s	South @ 10 m/s	South West @ 10 m/s	South West @ 8 m/s	South West @ 8 m/s
Significant Ocean wave height		1.5 – 2.5 m Slight	2.0– 2.5 m Slight	1.5 – 2.0 m Slight	1.0 – 1.6 m Slight	1. – 1.0 m Slight	0.7 – 1.0 m Slight	0.7 – 1.2 m Slight

PART-III: WEATHER SYMBOLS

Key for Marine Hazard Symbols

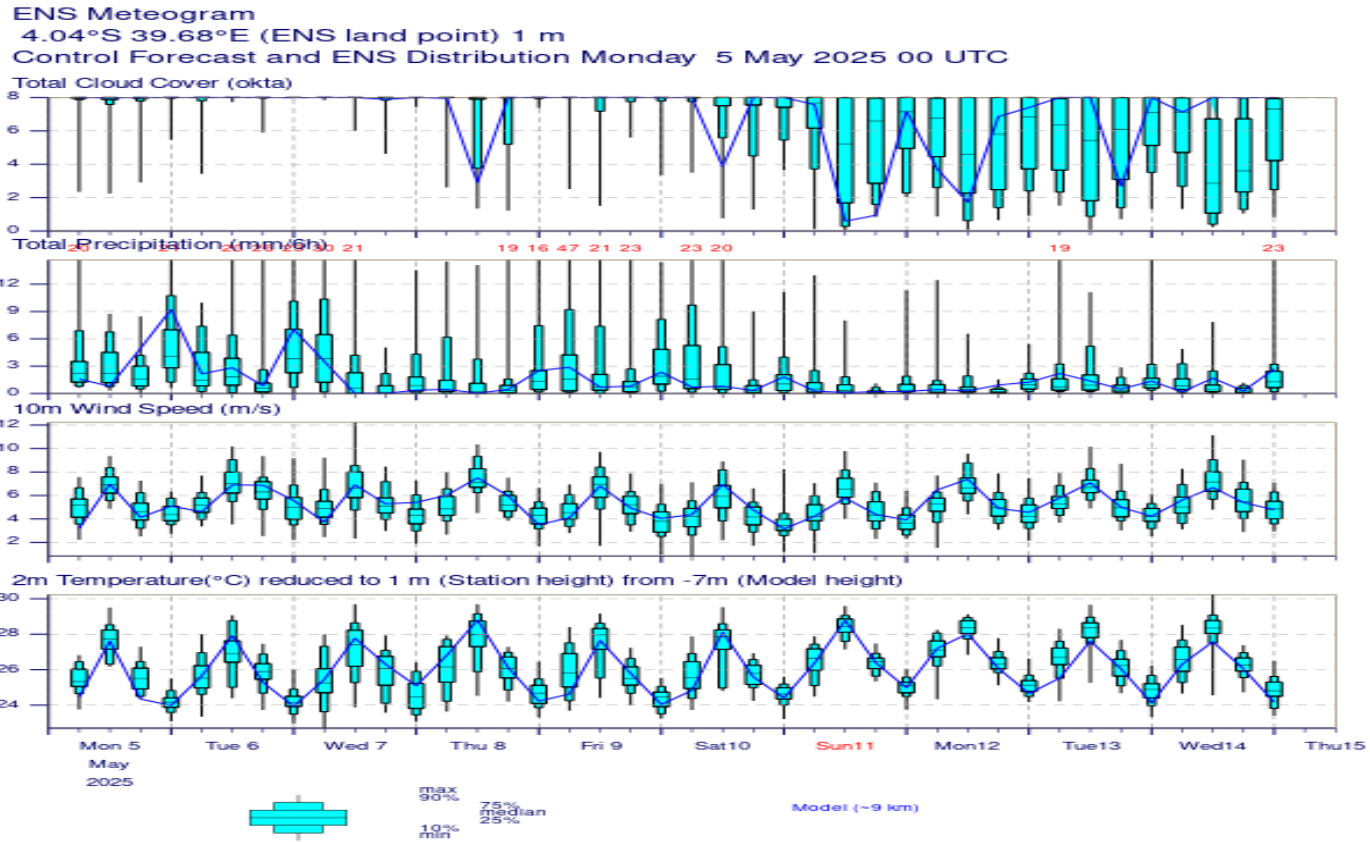
WAVE HEIGHT RANGE (Metres)		DESCRIPTION	IMPACT
0.5 – 1.0		SLIGHT SEA STATE	Conditions suitable for Marine activities
1.1 – 2.0		MODERATE SEA STATE	
2.1 – 3.0		ROUGH	
>3.0		VERY ROUGH	Caution when operating marine activities Warning in place!!!! Warning in place on marine activities
Conditions suitable 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. 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	

PRECIPITATION DISTRIBUTION OVER MOMBASA COUNTY 22 – 28 APRIL 2025

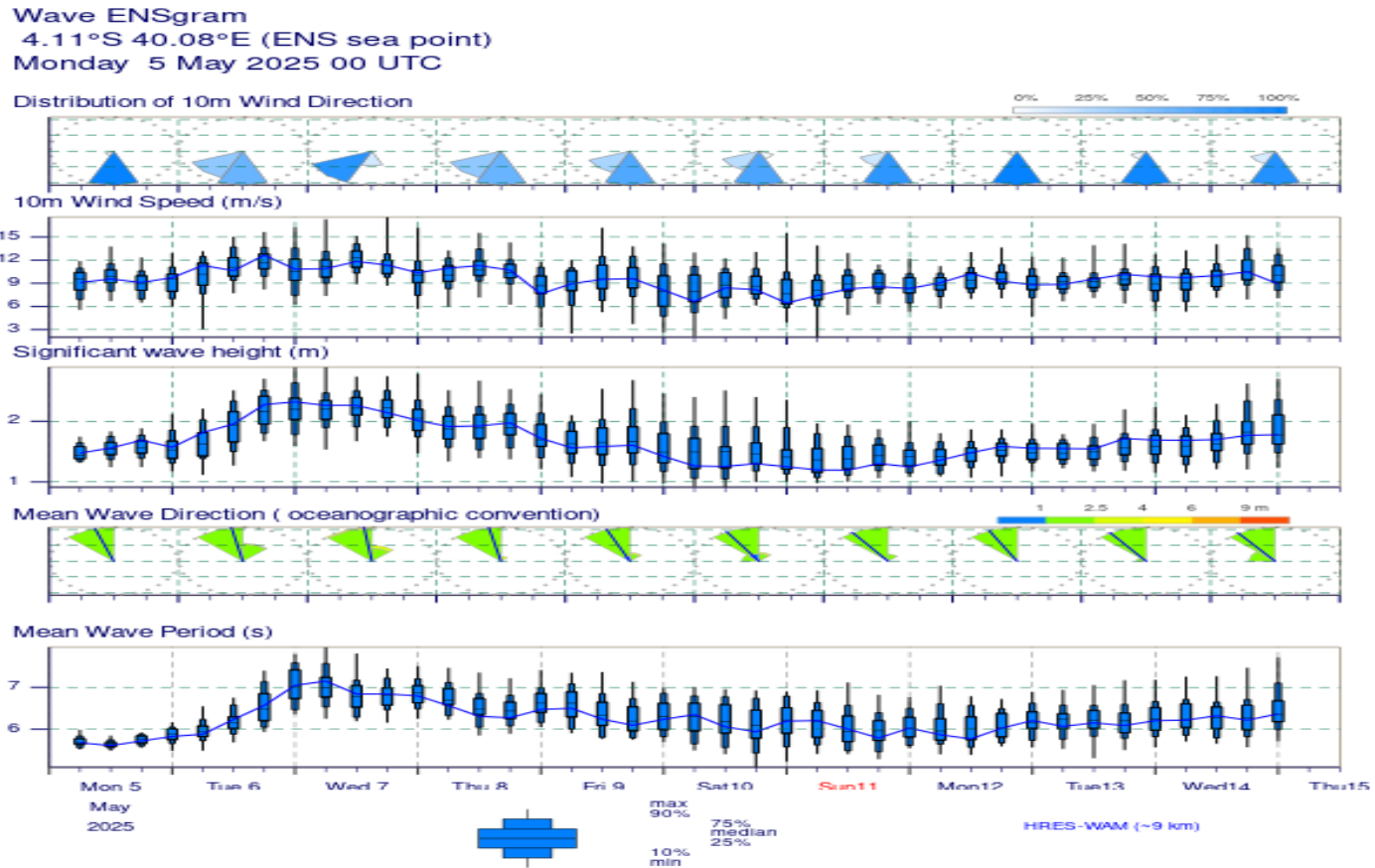


ADDITIONAL INFORMATION

10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA



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



The distribution of wind directions is south west, throughout the 10 days forecast period, the wind speeds vary between 8 m/s and 12 m/s, the wave heights vary between 1.5 m and 2.5 m. The wave directions are south west (S) and the wave periods between 5 and 8 seconds