



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT
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Our Ref: MET/MSA-CNTY WEEK 3 MAY 2025





























Date of Issue: 12th MAY 2025

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 13TH - 19TH MAY 2025

PART-I: Mombasa County Weekly Weather Outlook

1. Dry weather conditions are expected to dominate during the forecast week. Morning showers expected in a few places
2. The expected range of daytime MAXIMUM temperature is 30- 32 °C; the average MINIMUM temperature will be around 25 °C.
3. **Moderate winds** expected throughout the forecast week. Wind strength will vary between 8 - 12 m/s (16 – 24 Kt).
4. **Moderate waves height are expected during the forecast week and are favourable for marine activities.** Ocean conditions (1.2 – 2.0 m).
5. **CAUTION IS HOWEVER ADVISED WHEN CARRYING OUT MARINE ACTIVITIES IN DEEP SEAS**

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 13/5/2025	Wed 14/5/2025	Thurs 15/5/2025	Fri 16/5/2025	Sat 17/5/2025	Sun 18/5/2025	Mon 19/5/2025
Rainfall	Morning	 Showers and sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Cloudy 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	31 °C	31 °C	32 °C	32 °C	31 °C
	Minimum	26 °C	26 °C	26 °C	26 °C	26 °C	26 °C	26 °C
Humidity	Maximum	85 %	85%	84 %	82 %	83 %	84 %	83 %
	Minimum	80 %	76 %	76 %	76 %	76 %	76 %	76 %
Wind Maximum	Speed & Direction	Southerly @ 10 m/s	Southerly @ 9 m/s	Southerly @ 10m/s	Southerly @ 12 m/s	Southerly @ 12 m/s	Southerly @ 8 m/s	South West @ 8 m/s
Significant Ocean wave height		1.2 – 1.8 m Moderate	1.5– 2.0 m Moderate	1.5 – 2.0 m Moderate	1.5 – 2.0 m Moderate	1.4 – 1.8 m Moderate	1.4 – 1.8 m Moderate	1.2 – 1.6 m Moderate

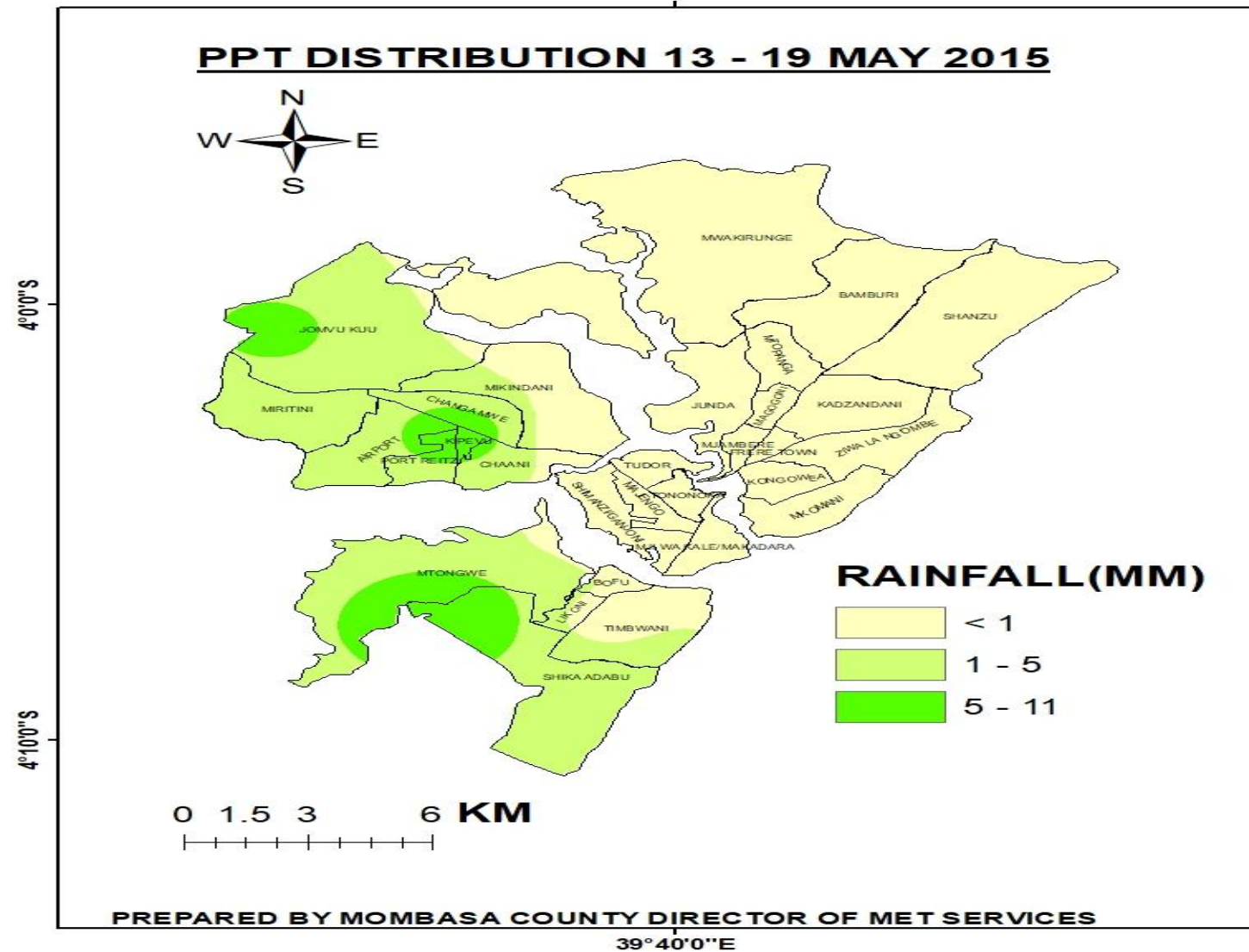
PART-III: WEATHER SYMBOLS

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!!!! 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	

Mr. Joseph Amollo
County Director of Meteorological Services, Mombasa County

PRECIPITATION DISTRIBUTION OVER MOMBASA COUNTY 22 – 28 APRIL 2025



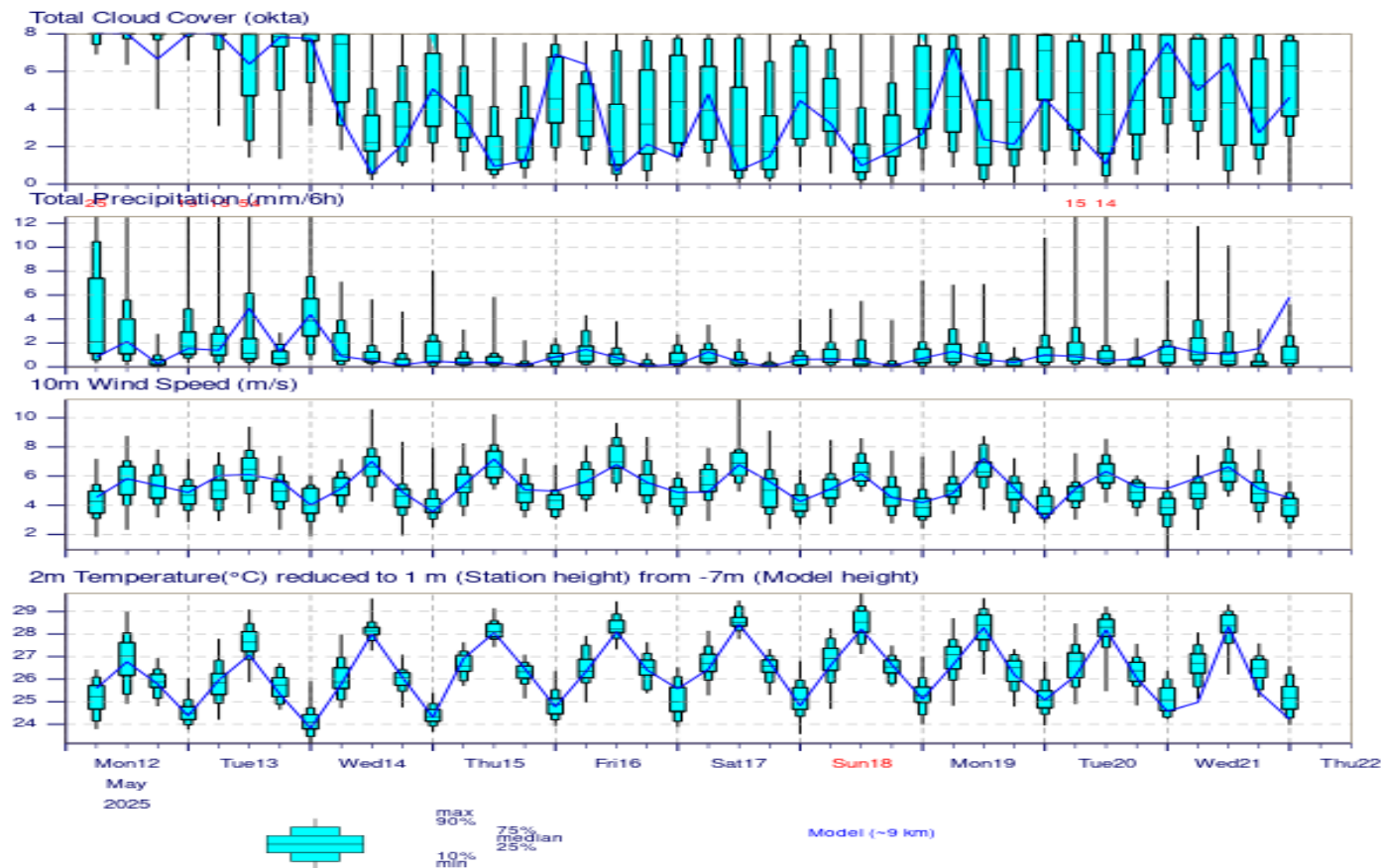
ADDITIONAL INFORMATION

10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA

ENS Meteogram

4.04°S 39.68°E (ENS land point) 1 m

Control Forecast and ENS Distribution Monday 12 May 2025 00 UTC

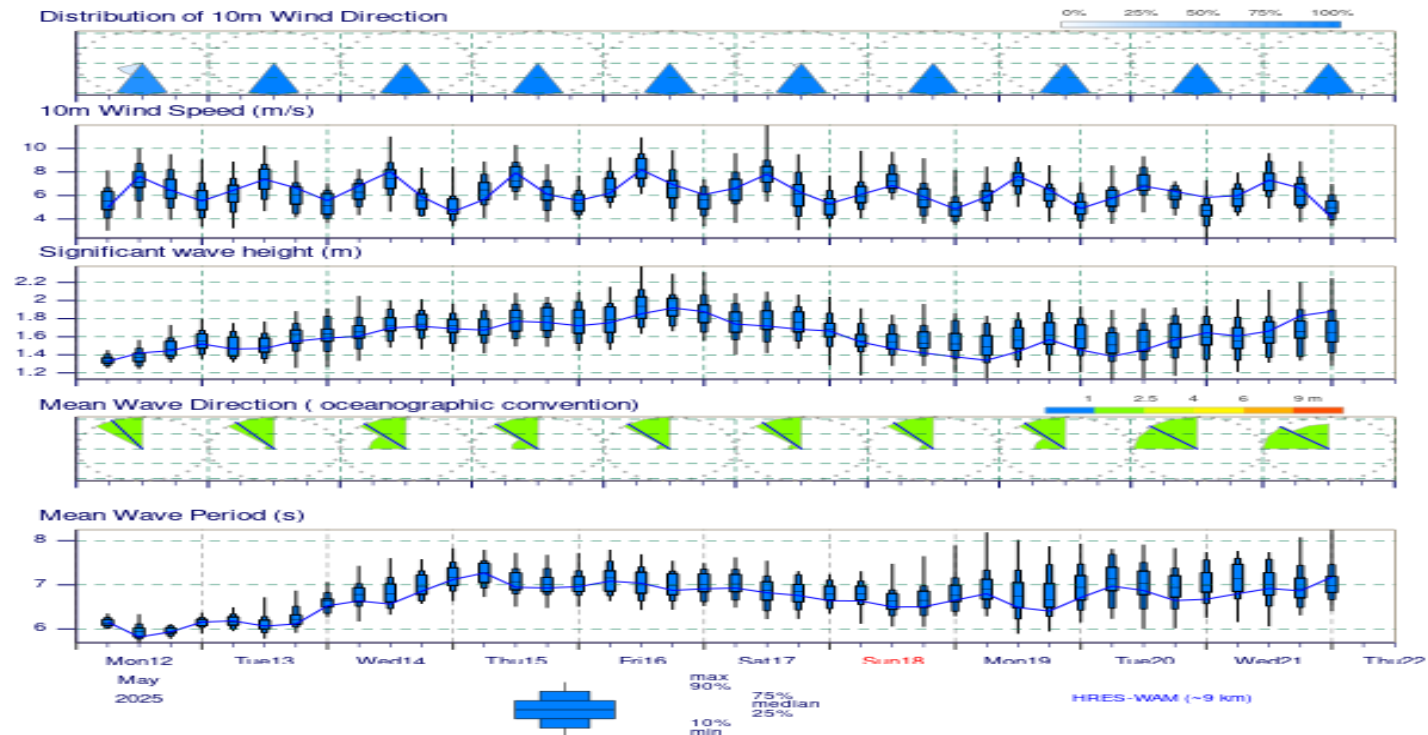


TEN DAYS SIGNIFICANT WAVE HEIGHTS, WINDS, OVER SOUTH WEST INDIAN OCEAN

Wave ENSgram

3.76°S 39.92°E (ENS sea point)

Monday 12 May 2025 00 UTC



The distribution of wind directions is southerly, throughout the 10 days forecast period, the wind speeds vary between 8 m/s and 12 m/s, the wave heights vary between 1.2 m and 2.0 m. The wave directions are south (S) and the wave periods between 5 and 8 seconds