



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT
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Our Ref: MET/MSA-CNTY/WK 4 DECEMBER 2025

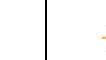
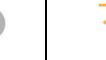
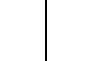
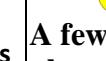
Date of Issue: 22TH DECEMBER 2025

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 23 – 29 DEC 2025

PART-I: Mombasa County Weekly Weather Outlook

- 1 We are expecting a significantly wet weather conditions during the forecast week, especially at the beginning of the forecast week. Several places will experience showers in the morning and afternoon during the forecast week.
- 2 The expected range of daytime MAXIMUM temperature is 32 - 33 °C; the average MINIMUM temperature will be around 25 °C.
- 3 Moderate winds are expected throughout the forecast week. Wind strength will vary between 5- 10 m/s (10– 20 Kt) throughout the forecast period.
- 4 **Moderate sea conditions** will prevail throughout the forecast week. Wave heights of between 1.0 m to 1.8 m (3.2 to 5.6 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						
		Tue 23/12/2025	Wed 24/12/2025	Thurs 25/12/2025	Fri 26/12/2025	Sat 27/12/2025	Sun 28/12/2025	Mon 29/12/2025
Rainfall	Morning							
	Afternoon							
	Night							
	Distribution							
Temperature	Maximum	33 °C	33 °C	32 °C	32 °C	32 °C	32 °C	32 °C
	Minimum	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C
Humidity	Maximum	82 %	84 %	85 %	84 %	82 %	82 %	85 %
	Minimum	72 %	70 %	74 %	72 %	75 %	78 %	70 %
Wind Maximum	Speed & Direction	North East @ 10 m/s	North East @ 10 m/s	North East @ 8 m/s	North East @ 8m/s	North East @ 6 m/s	North East @ 5 m/s	North East @ 5 m/s
Significant Ocean wave height		1.4 – 1.8 m Moderate	1.2 – 1.8 m Moderate	1.4 – 1.6 m Moderate	1.2 – 1.6 m Moderate	1.0 – 1.5 m Moderate	1.0 – 1.2 m Slight	1.0 – 1.2 Slight

PART-III: WEATHER SYMBOLS

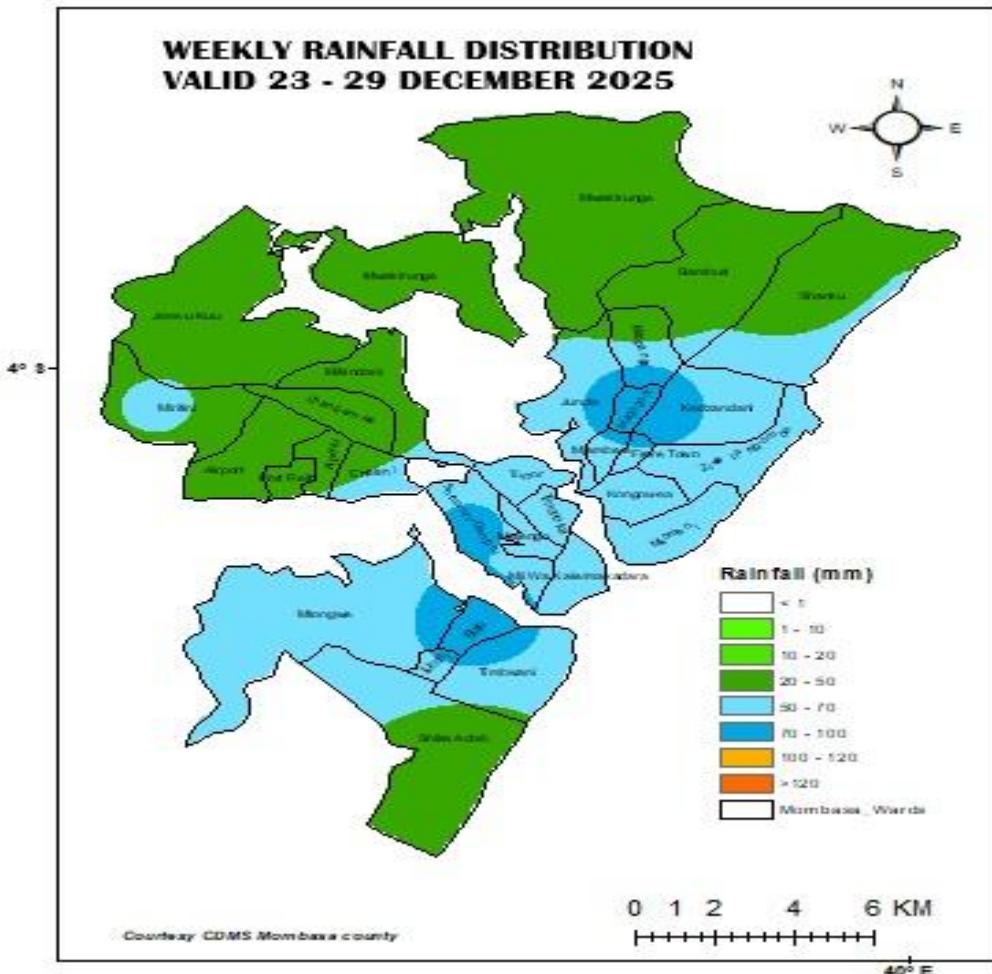
Key for Marine Hazard Symbols

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	Caution when operating marine activities
2.1 – 3.0		ROUGH	Warning in place!!!!
>3.0		VERY ROUGH	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	RANGE	DESCRIPTIONS	IMPACT
SPEEDS	< 1	-Calm:	
	1 – 3 Knots	-Light air: rising smoke drifts	1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations
	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.
	7 – 10 Knots	-Gentle breeze: Light weight flags extend, small wavelets, some whitecaps develop	Caution in carrying our marine activities
	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

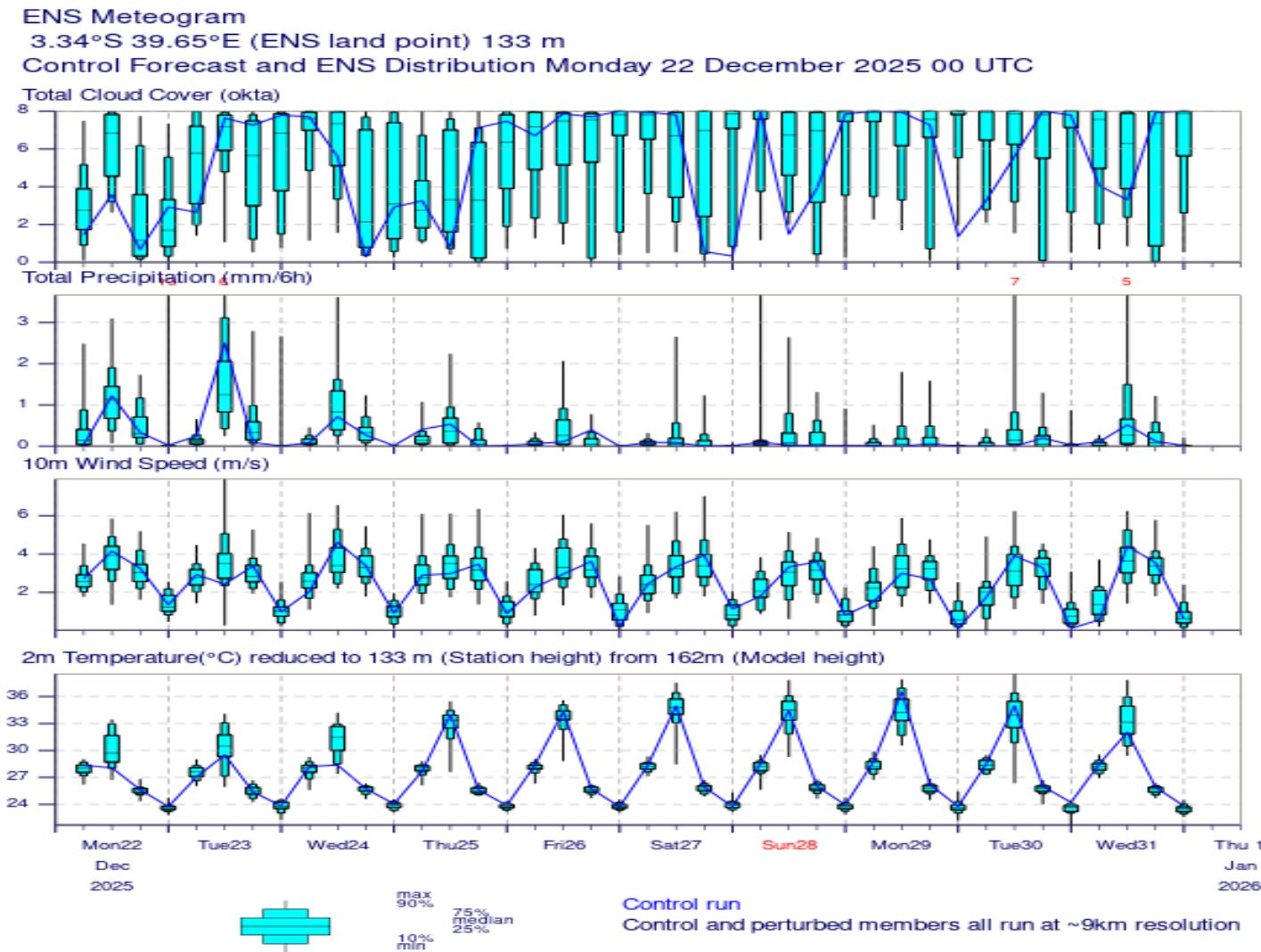
County Director of Meteorological Services, Mombasa County

WEEKLY RAINFALL DISTRIBUTION VALID 23– 29 DECEMBER 2025

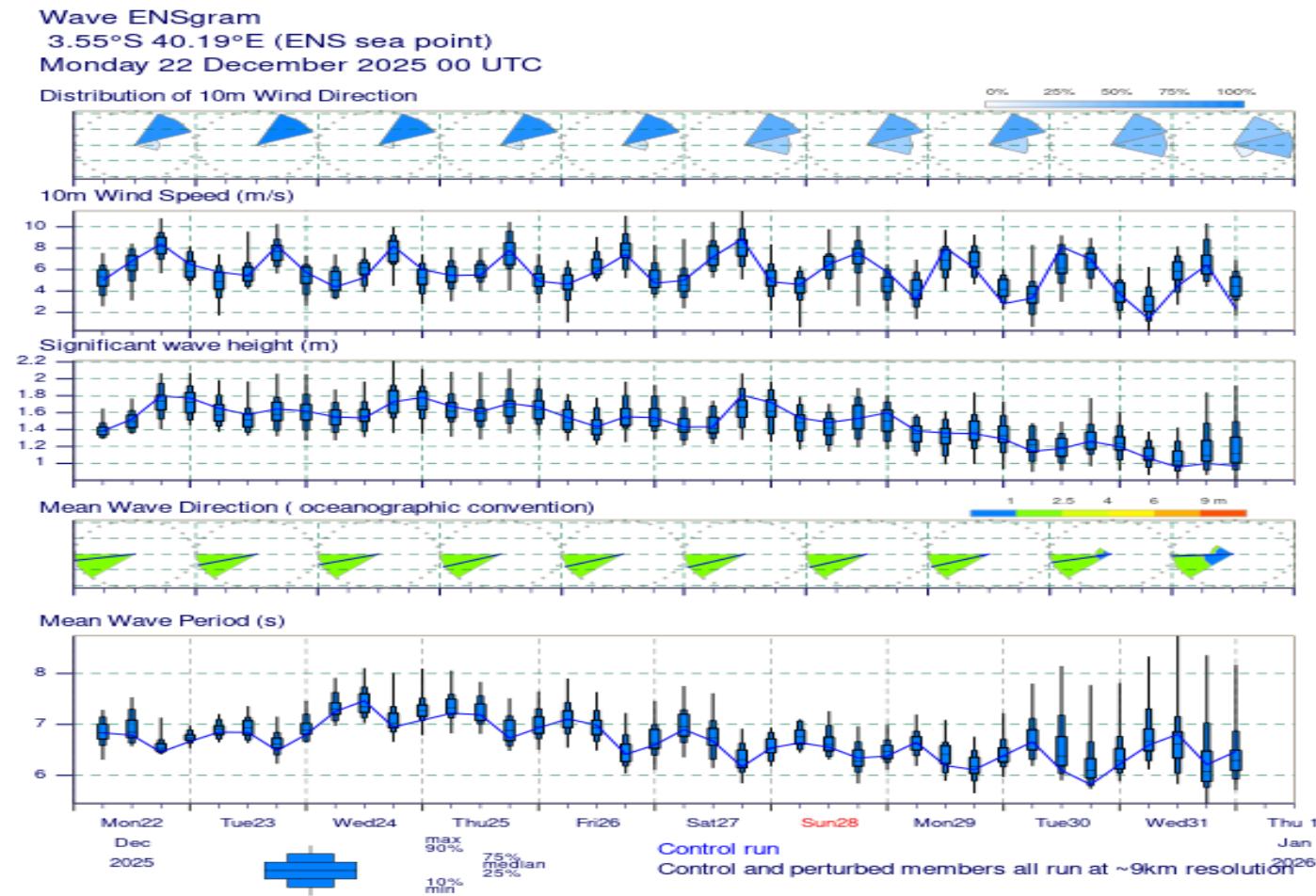


Rainfall totals 20 - 70 mm

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 are predominantly North East throughout the 10 days forecast period, the wind speeds vary between 4m/s and 9 m/s, the significant wave heights vary between 1.2 m and 1.8 m. The wave directions are north Easterly (NE) and the wave periods between 6 and 8 seconds