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MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT
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Our Ref: MET/MSA-CNTY/WK 3 MARCH 2026 ***Date of Issue: 16TH MARCH 2026***

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 17 – 23 MARCH 2026

PART-I: Mombasa County Weekly Weather Outlook

1 Wet weather conditions will prevail during the forecast week. Significant showers are expected in the morning and afternoon towards the end of the forecast week.
2 The expected range of daytime MAXIMUM temperature is 31 - 33 °C; the average MINIMUM temperature will be around 25 °C.
3 Moderate South Easterly winds are expected to dominate throughout the forecast week. Wind strength will vary between 4 - 6 m/s (8– 12 Kt) throughout the forecast period.

4. Slight sea conditions will prevail during the forecast week. Wave heights of between 0.5 m to 1.1 m (1.2 to 4.5 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 17/3/2026	Wed 18/3/2026	Thurs 19/3/2026	Fri 20/3/2026	Sat 21/3/2026	Sun 22/3/2026	Mon 23/3/2026
Rainfall	Morning	 Showers and sunny	 Cloudy and sunny	 Showers and Sunny	 Showers and Sunny	 Showers and Sunny	 Showers and Sunny	 Showers and Sunny
	Afternoon	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Showers and Sunny	 Showers and sunny	 Cloudy and Sunny
	Night	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly cloudy	 Partly Cloudy	 Partly Cloudy
	Distribution	 A few places	 A few Places	 Several places	 A few places	 A few places	 A few places	 A few places
Temperature	Maximum	33 °C	33 °C	32 °C	32 °C	31 °C	31 °C	32 °C
	Minimum	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C
Humidity	Maximum	78 %	78 %	80 %	80 %	78 %	82%	80 %
	Minimum	72 %	72 %	72 %	70%	70 %	72 %	72 %
Wind Maximum	Speed & Direction	East @ 6 m/s	Southeast @ 6 m/s	Southeast @ 6 m/s	Southeast @ 5 m/s	Southeast @ 6 m/s	Southeast @ 6 m/s	Northeast @ 5 m/s
Significant Ocean wave height		0.5 – 1.0 m Slight	0.6 – 1.0 m Slight	0.6 – 1.0 m Slight	0.5 – 0.8 m Slight	0.5 – 0.8 m Slight	0.6 – 0.8 m Slight	0.5 – 1.0 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	**Caution when operating marine activities**
>3.0	VERY ROUGH	**Warning in place!!!!**
		Warning in place on marine activities

Conditions suitable for Marine Activities

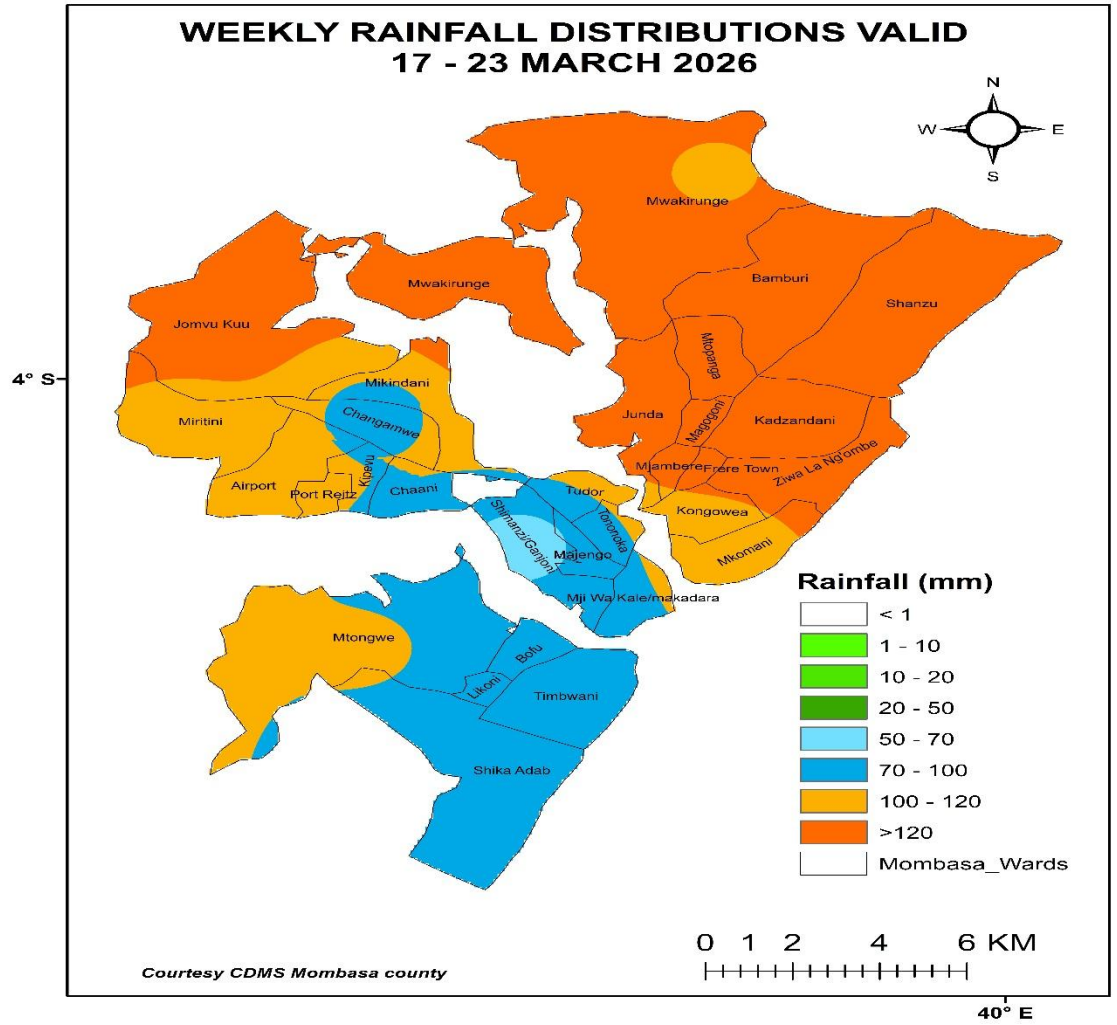
Caution required when operating Marine Activities in deep seas (Significant high waves)

Warning in Place (Sea significantly Rough)

WIND	RANGE	DESCRIPTIONS	IMPACT
SPEEDS	**< 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**	

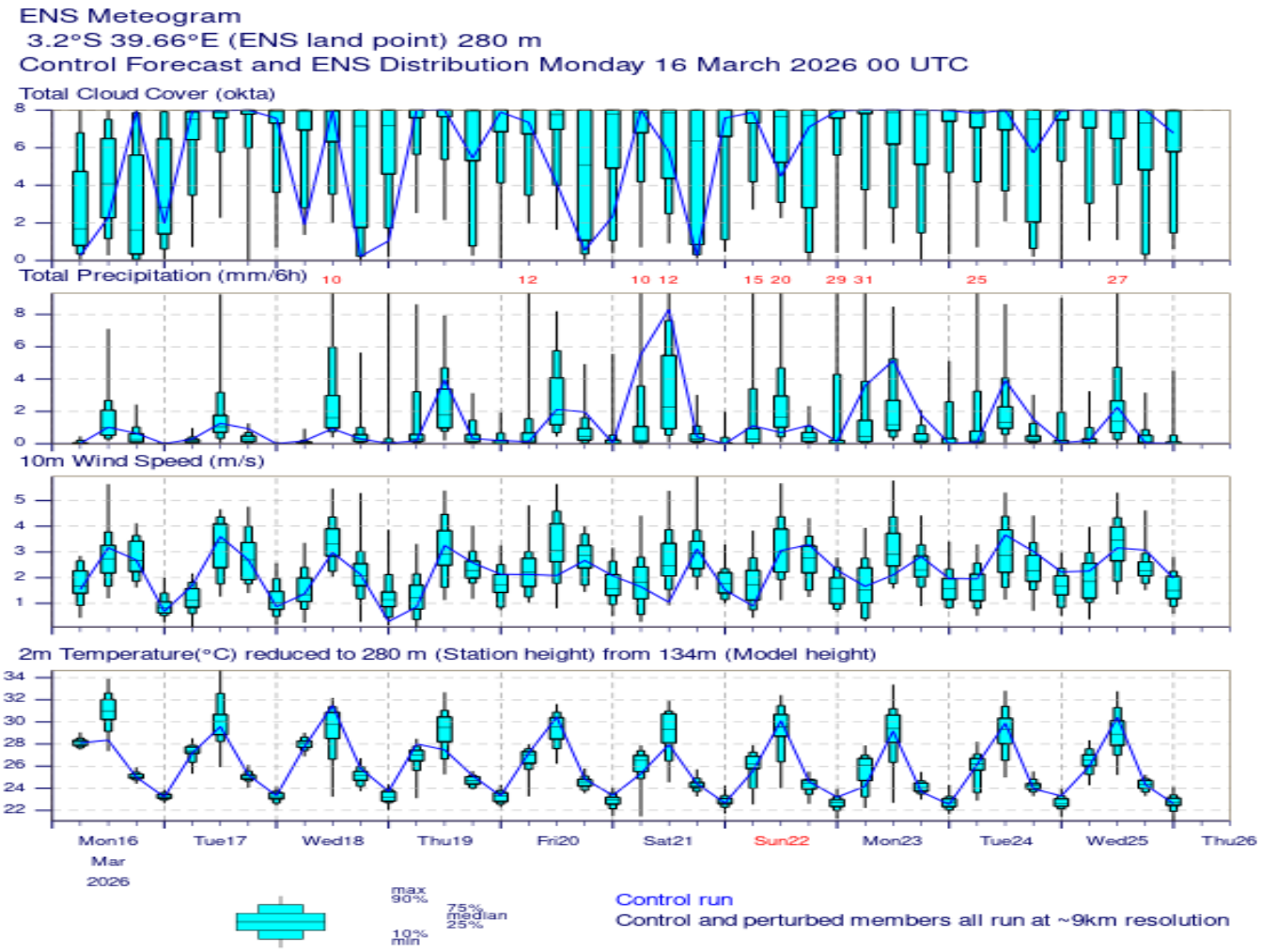
Mr. Joseph Amollo
County Director of Meteorological Services, Mombasa County

WEEKLY RAINFAL DISTRIBUTION VALID 17 – 23 MARCH 2026

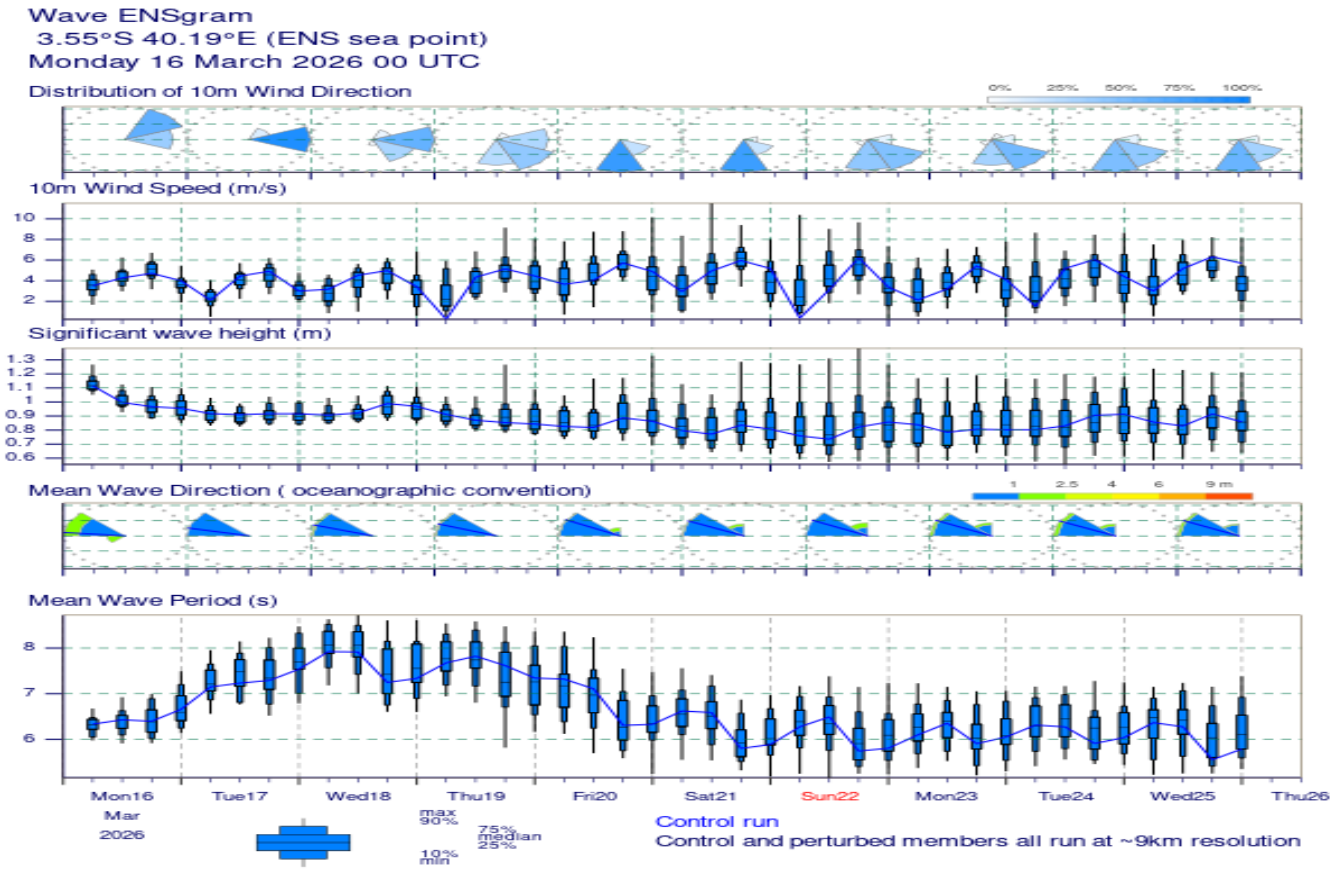


Rainfall totals > 50 mm

10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA



TEN DAYS SIGNIFICANT WAVE HEIGHTS, WINDS, OVER SOUTHWEST INDIAN OCEAN



The distribution of wind directions is predominantly Southeast throughout the 10-day forecast period, the wind speeds vary between 2m/s and 6 m/s, the significant wave heights vary between 0.8 m and 1.2 m. The wave directions are Northeasterly (SE) and the wave periods between 5 and 8 seconds