



REPUBLIC OF KENYA
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KENYA METEOROLOGICAL DEPARTMENT
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Date of Issue: 5 OCTOBER 2026

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 6 – 12 OCTOBER 2026

PART-I: Mombasa County Weekly Weather Outlook

- 1 Wet weather conditions will dominate the forecast week. Showers are expected in the morning and afternoon in several places, during the forecast week. Significant rainfall which can cause some negative impacts will be experienced during the forecast week, especially towards the end of the forecast week
- 2 The expected range of daytime MAXIMUM temperature is 28 - 29 °C; the average MINIMUM temperature will be around 23 °C.
- 3 **Moderate Southeasterly winds** are expected during the forecast week. Wind strength will vary between 5 - 10 m/s (10– 20 Kt) throughout the forecast period.
4. **Moderate Sea conditions** especially at the beginning of forecast week. Wave heights of between 1.2 m to 1.6 (4.5 to 5.0 ft). Operational impacts on marine activities (small boats and social/recreational activities at the beaches) are likely to be experienced during the forecast week
5. **CAUTION IS STRONGLY ADVISED WHILE CONDUCTING MARINE AND RECREATIONAL ACTIVITIES IN DEEP SEAS AND ALONG THE BEACHES 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 6/10/2026	Wed 7/10/2026	Thurs 8/10/2026	Fri 9/10/2026	Sat 10/10/2026	Sun 11/10/2026	Mon 12/10/2026
Rainfall	Morning	 Showers and sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Moderate Showers and Cloudy	 Showers and Sunny	 Moderate Showers and Sunny
	Afternoon	 Showers and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Moderate Showes and Sunny	 Showers and sunny	 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	 A few places	 A few places
Temperature	Maximum	28°C	29 °C	30°C	28 °C	28 °C	29 °C	29 °C
	Minimum	24 °C	24 °C	24 °C	23 °C	23 °C	24 °C	24 °C
Humidity	Maximum	80 %	80 %	82 %	82 %	80 %	80%	78 %
	Minimum	65 %	65%	65 %	65%	65 %	65 %	65 %
Wind Maximum	Speed & Direction	Southeast @ 10 m/s	Southeast @ 08 m/s	Southeast @ 08 m/s	Southeast @ 06 m/s	Southeast @06 m/s	Southeast @ 05 m/s	Southeast @05m/s
Significant Ocean wave height		1.2 – 1.6 m Moderate	1.2 – 1.6 m Moderate	1.2 – 1.5 m Moderate	1.2 – 1.5 m Moderate	1.2 – 1.5 m Moderate	1.2 – 1.6 m Moderate	1.2 – 1.6 Moderate

PART-III: WEATHER SYMBOLS

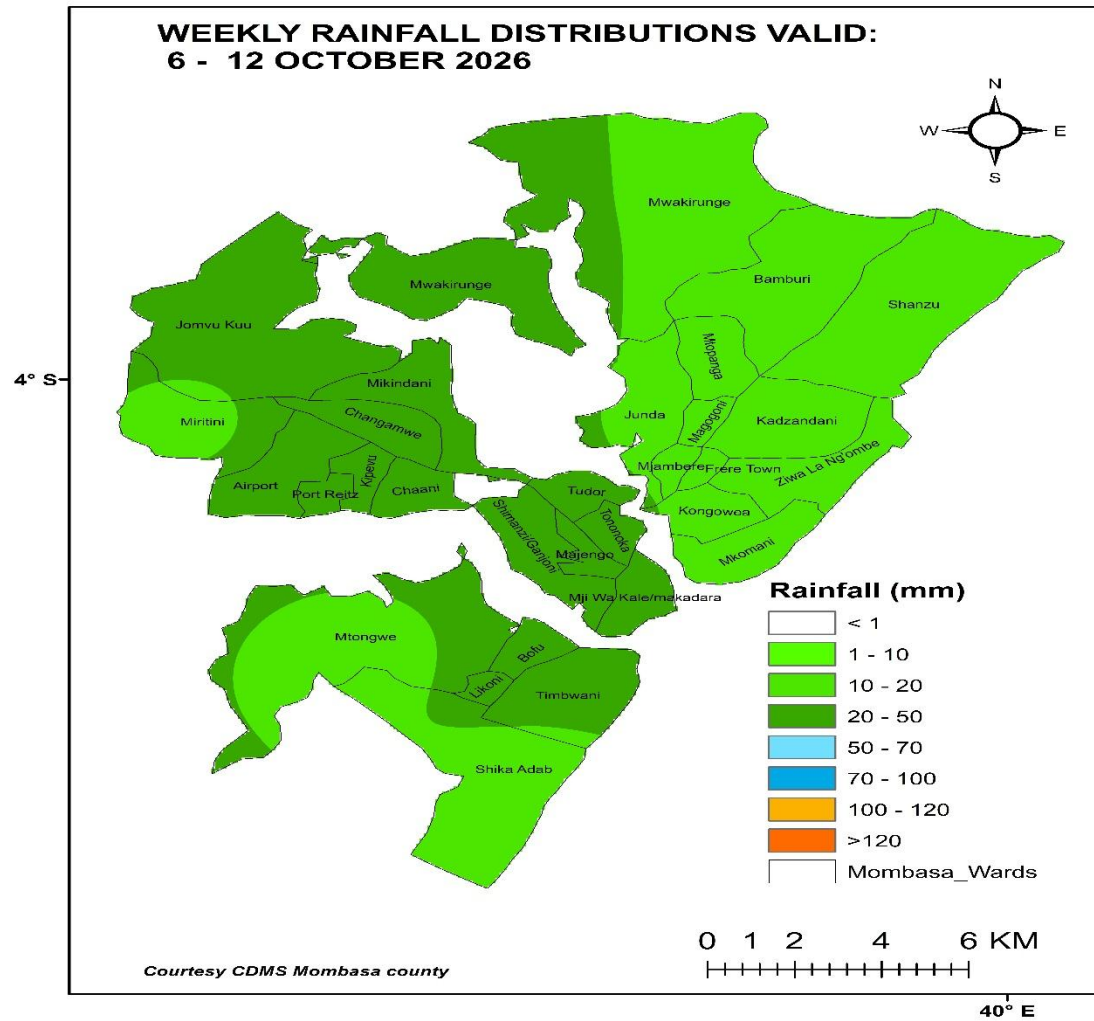
Key for Marine Hazard Symbols

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

WEEKLY RAINFAL DISTRIBUTION VALID 6 – 12 OCTOBER 2026



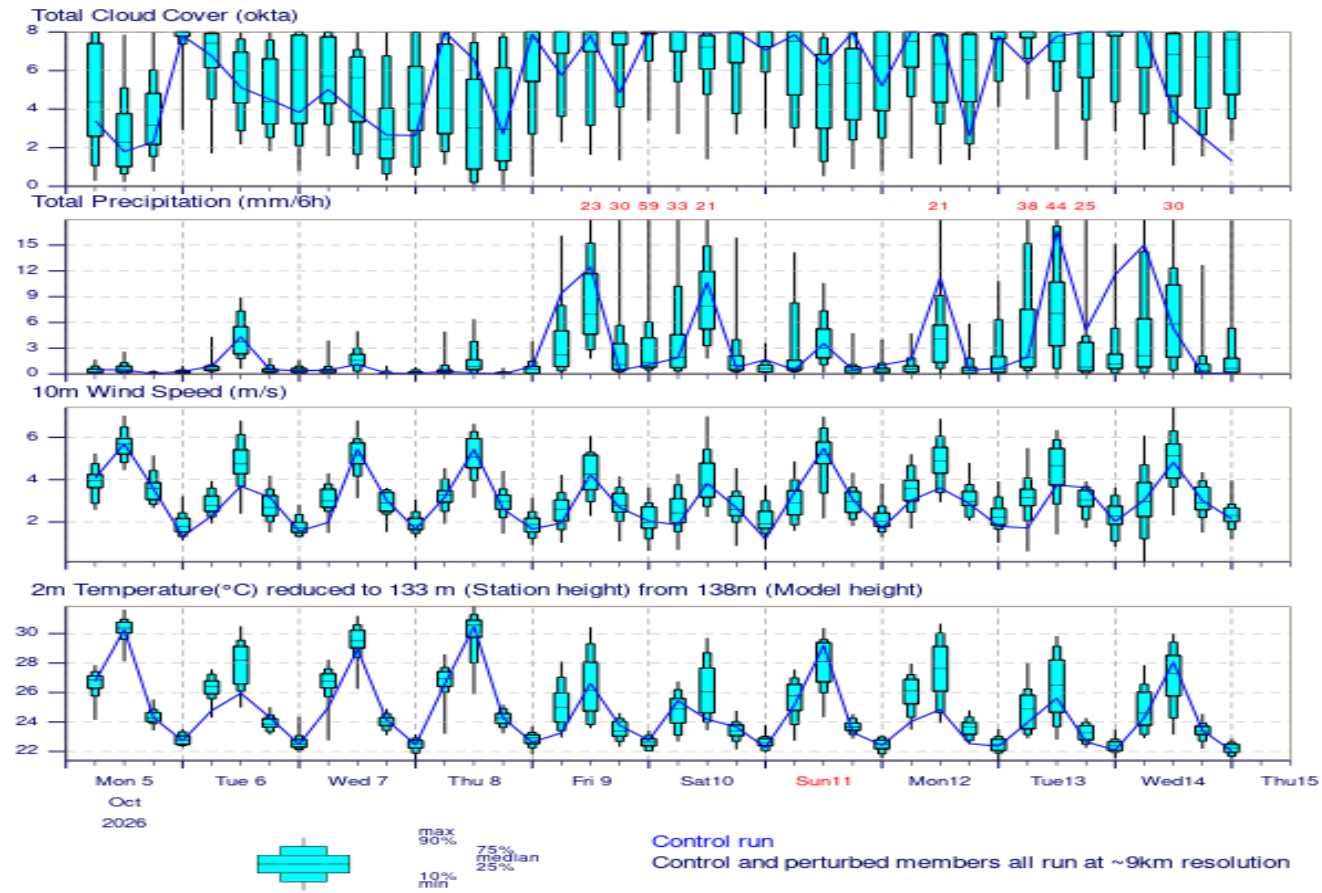
Rainfall totals > 20 mm

10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA

ENS Meteogram

2.99°S 39.78°E (ENS land point) 133 m

Control Forecast and ENS Distribution Monday 5 October 2026 00 UTC



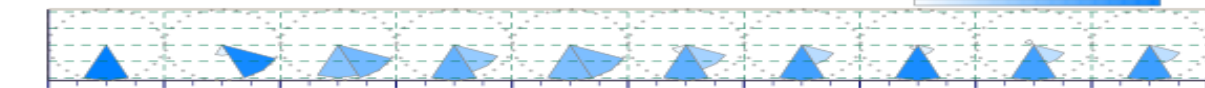
TEN DAYS SIGNIFICANT WAVE HEIGHTS, WINDS, OVER SOUTHWEST INDIAN OCEAN

Wave ENSgram

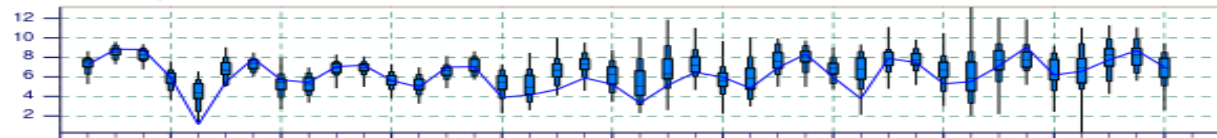
3.55°S 40.19°E (ENS sea point)

Monday 5 October 2026 00 UTC

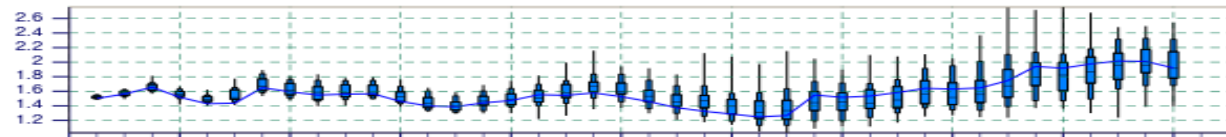
Distribution of 10m Wind Direction



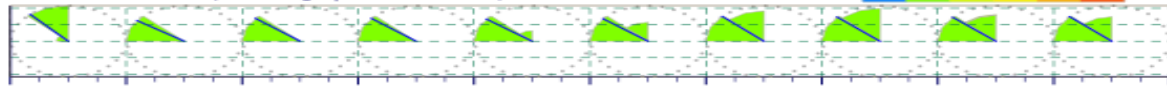
10m Wind Speed (m/s)



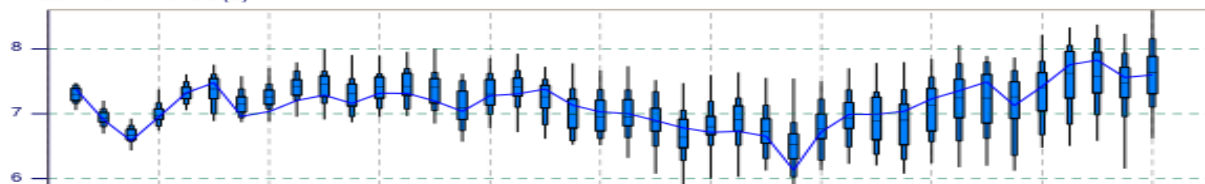
Significant wave height (m)



Mean Wave Direction (oceanographic convention)



Mean Wave Period (s)



Mon 5
Oct
2026



max
90%
75%
median
25%
10%
min

Control run

Control and perturbed members all run at ~9km resolution

The distribution of wind directions is predominantly Southeasterly throughout the 10-day forecast period, the wind speeds vary between 5 m/s and 10 m/s, the significant wave heights vary between 1.2 m and 1.6 m The wave directions are Southeasterly (SE) and the wave periods between 6 and 7 seconds