



REPUBLIC OF KENYA
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KENYA METEOROLOGICAL DEPARTMENT
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Our Ref: MET/MSA-CNTY/WK 3 SEPTEMBER 2026

Date of Issue: 14 SEPTEMBER

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 15 – 21 SEPTEMBER 2026

PART-I: Mombasa County Weekly Weather Outlook

- 1 The week will be dominated by wet weather conditions, especially towards the end of the forecast week. Significant showers are expected in the morning and afternoon in several places, towards the end of the forecast week. Significant impacts from the total rainfall expected during the week.
- 2 The expected range of daytime MAXIMUM temperature is 28 - 29 °C; the average MINIMUM temperature will be around 23 °C.
- 3 **Moderate to Strong Southeasterly winds** are expected during the forecast week. Wind strength will vary between 8 - 12 m/s (16–24 Kt) throughout the forecast period.
4. **Moderate to ROUGH Sea conditions** especially in mid-week of forecast week. Wave heights of between 1.5 m to 2.5 (4.5 to 7.2 ft). Significant operational impacts on marine activities (small boats and social/recreational activities at the beaches) is expected.
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 15/9/2026	Wed 16/9/2026	Thurs 17/9/2026	Fri 18/9/2026	Sat 19/9/2026	Sun 20/9/2026	Mon 21/9/2026
Rainfall	Morning	 Showers and sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Showers and Sunny	 Cloudy and Sunny
	Afternoon	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Showers and Sunny	 Showers 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	 Several Places	 A few places	 Several places	 Several places	 Several places	 Several places
Temperature	Maximum	28 °C	29 °C	29°C	28 °C	28 °C	28 °C	29 °C
	Minimum	23 °C	23 °C	23 °C	23 °C	23 °C	23 °C	23 °C
Humidity	Maximum	78 %	78 %	78 %	78 %	78 %	78%	78 %
	Minimum	60 %	60%	60 %	60%	60 %	60 %	60 %
Wind Maximum	Speed & Direction	Southeast @ 10 m/s	Southeast @ 12 m/s	Southeast @ 10 m/s	Southeast @ 08 m/s	Southeast @08 m/s	Southeast @ 08 m/s	Southeast @08 m/s
Significant Ocean wave height		1.5 – 1.8 m Moderate	1.8 – 2.4 m Moderate	1.8 – 2.4 m Moderate	1.8 – 2.4 m Moderate	1.5 – 2.0 m Moderate	1.5 – 2.0 m Moderate	1.5 – 2.0 Moderate

PART-III: WEATHER SYMBOLS

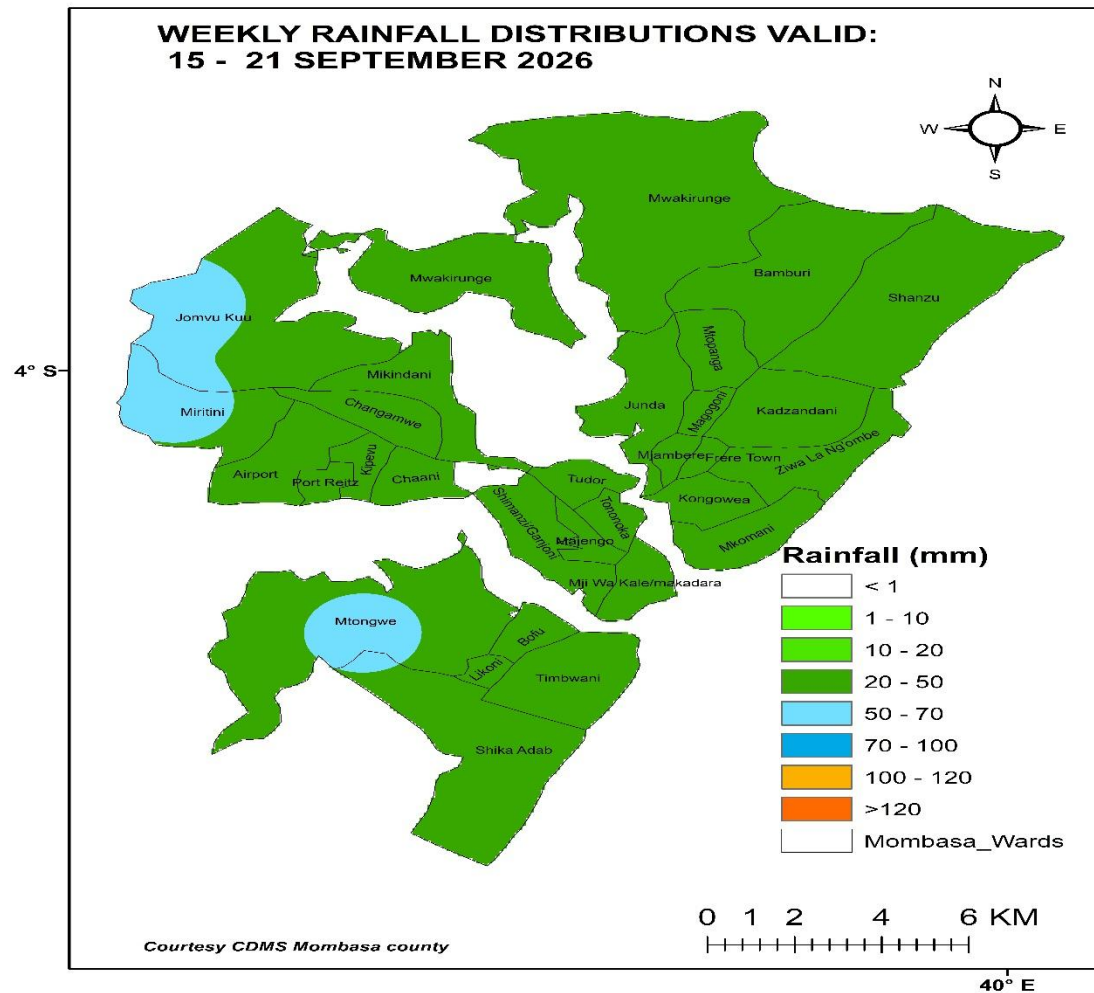
Key for Marine Hazard Symbols

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	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	

Mr. Joseph Amollo

County Director of Meteorological Services, Mombasa County

WEEKLY RAINFAL DISTRIBUTION VALID 15 – 21 SEPTEMBER 2026



Rainfall totals > 50 mm

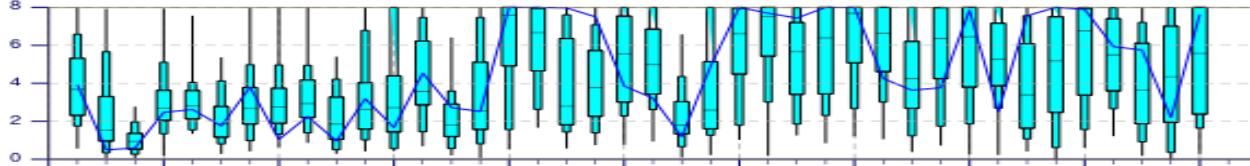
10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA

ENS Meteogram

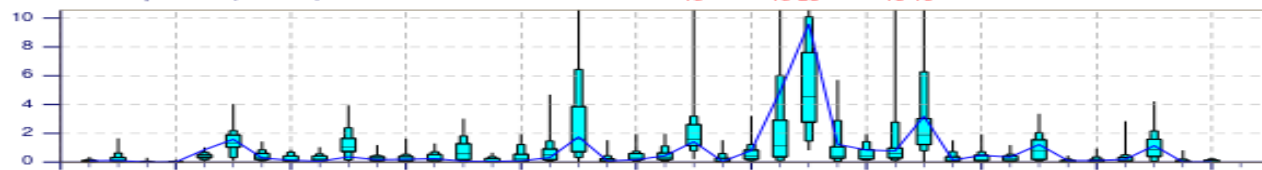
3.34°S 39.65°E (ENS land point) 133 m

Control Forecast and ENS Distribution Monday 14 September 2026 00 UTC

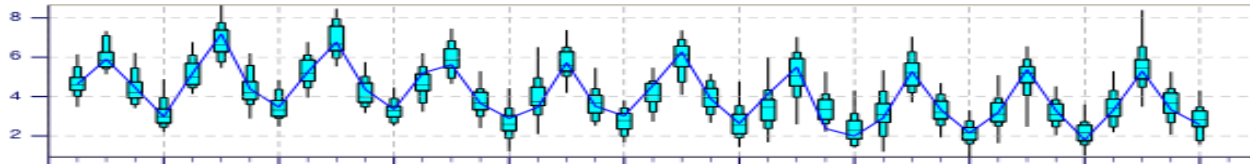
Total Cloud Cover (okta)



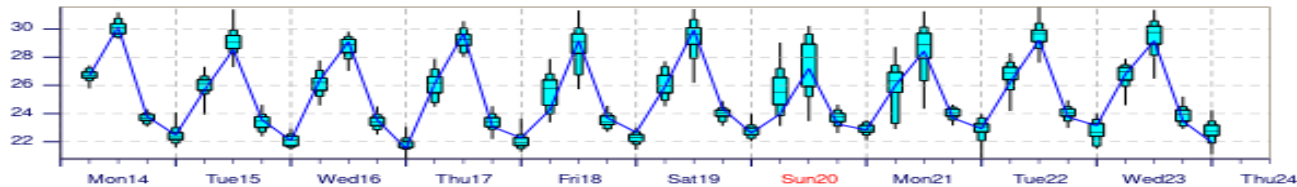
Total Precipitation (mm/6h)



10m Wind Speed (m/s)



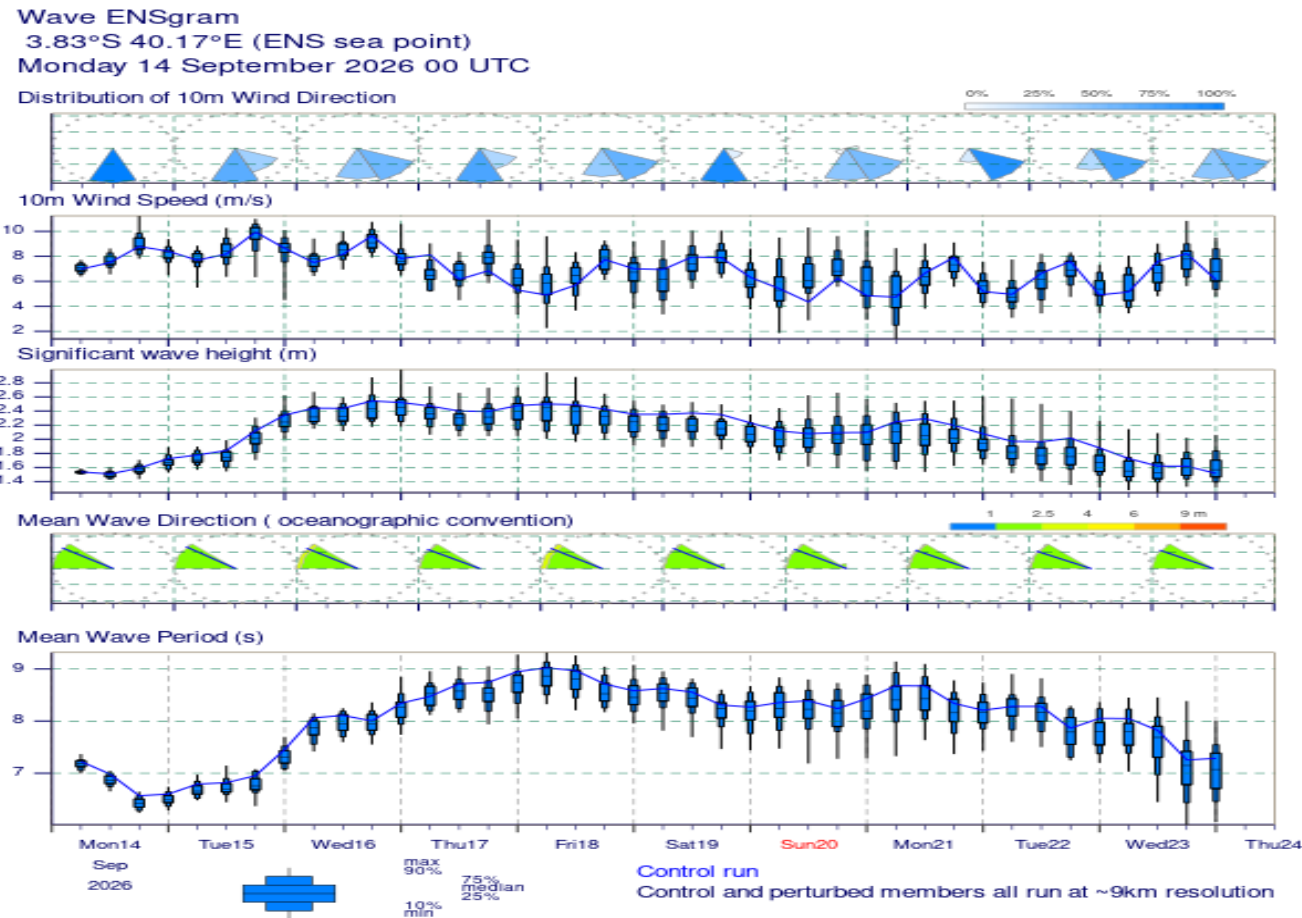
2m Temperature(°C) reduced to 133 m (Station height) from 162m (Model height)



Control run

Control and perturbed members all run at ~9km resolution

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



The distribution of wind directions is predominantly Southerly throughout the 10-day forecast period, the wind speeds vary between 7 m/s and 12 m/s, the significant wave heights vary between 1.5 m and 2.5 m. The wave directions are Southeasterly (SE) and the wave periods between 6 and 9 seconds.