



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT
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Our Ref: MET/MSA-CNTY/WK 4 MAY 2026

Date of Issue: 18TH MAY 2026

MOMBASA COUNTY WEEKLY WEATHER FORECAST VALID 19 – 25 MAY 2026

PART-I: Mombasa County Weekly Weather Outlook

- 1 Mix weather conditions will prevail during the forecast week. Showers are expected in the morning and afternoon in a few places during the forecast week.
 - 2 The expected range of daytime MAXIMUM temperature is 30 - 31 °C; the average MINIMUM temperature will be around 24 °C.
 - 3 **Moderate to strong Southeasterly winds** are expected from mid-week towards the weekend of the forecast week. Wind strength will vary between 7 - 12 m/s (14– 24 Kt) throughout the forecast period.
 4. **Moderate to Rough Sea conditions** will prevail during the forecast week. Slightly rough conditions towards the end of the forecast week. Wave heights of between 1.0 m to 2.0 m (3.0 to 6.5 ft).
 5. **CAUTION IS ADVISED WHILE CONDUCTING MARINE ACTIVITIES IN DEEP SEAS DURING THE WEEK**
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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 19/5/2026	Wed 20/5/2026	Thurs 21/5/2026	Fri 22/5/2026	Sat 23/5/2026	Sun 24/5/2026	Mon 25/5/2026
Rainfall	Morning	 Cloudy and sunny	 Showers and sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Showers and Sunny	 Showers and Sunny	 Cloudy and Sunny
	Afternoon	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy and Sunny	 Cloudy Sunny	 Cloudy and sunny	 Cloudy and Sunny
	Night	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly Cloudy	 Partly cloudy	 Partly Cloudy	 Partly Cloudy
	Distribution	 Several places	 A few Places	 Several places	 Several places	 A few places	 A few places	 A few places
Temperature	Maximum	30 °C	30 °C	31 °C	30 °C	30 °C	30 °C	30 °C
	Minimum	25 °C	24 °C	24 °C	24 °C	24 °C	24 °C	24 °C
Humidity	Maximum	80 %	78 %	80 %	85 %	85 %	82%	80 %
	Minimum	75 %	72%	74 %	75%	75 %	70 %	70 %
Wind Maximum	Speed & Direction	Southeast @ 7 m/s	Southeast @ 10 m/s	South @ 12 m/s	South @ 12 m/s	Southeast @ 12 m/s	South @ 8m/s	Southeast @ 8 m/s
Significant Ocean wave height		1.0 – 1.5 m Slight	1.2 – 1.5 m Moderate	1.2 – 1.8 m Moderate	1.2 – 1.8 m Moderate	1.2 – 2.0 m Moderate	1.2 – 2.0 m Moderate	1.2 – 1.8 Moderate

PART-III: WEATHER SYMBOLS

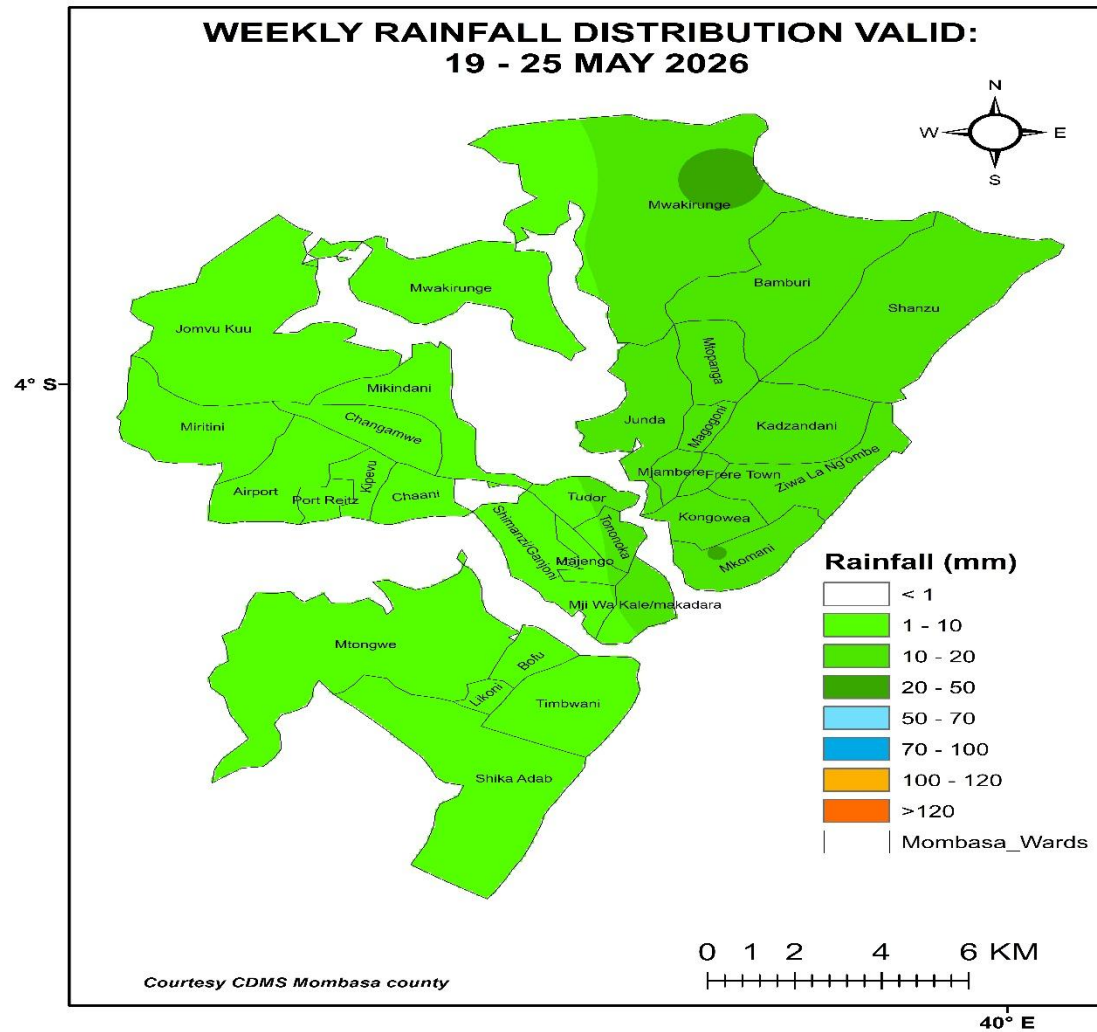
Key for Marine Hazard Symbols

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	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 19 – 25 MAY 2026



Rainfall totals < 20 mm

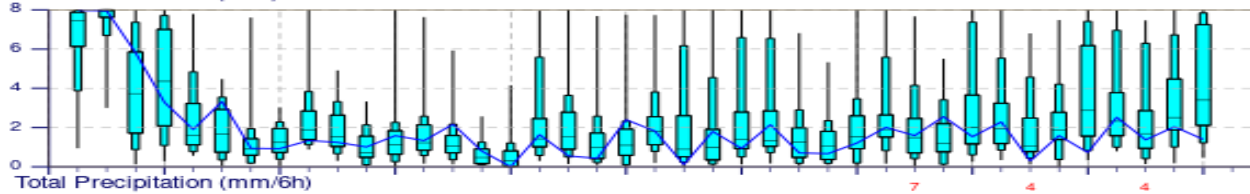
10 DAYS FORECASTS FOR WINDS, PRECIPITATIONS AND TEMPERATURE MOMBASA

ENS Meteogram

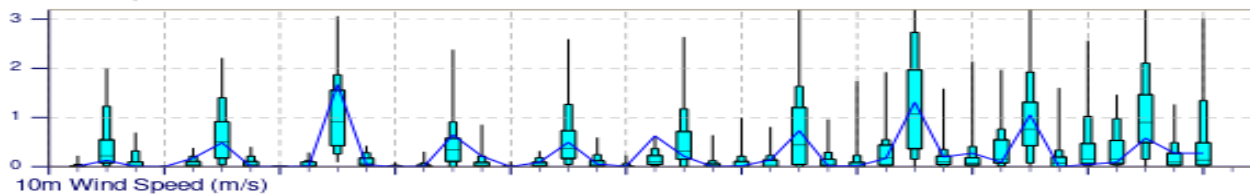
3.34°S 39.8°E (ENS land point) 153 m

Control Forecast and ENS Distribution Monday 18 May 2026 00 UTC

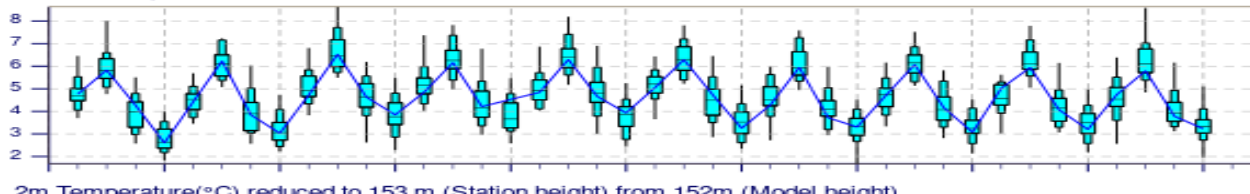
Total Cloud Cover (okta)



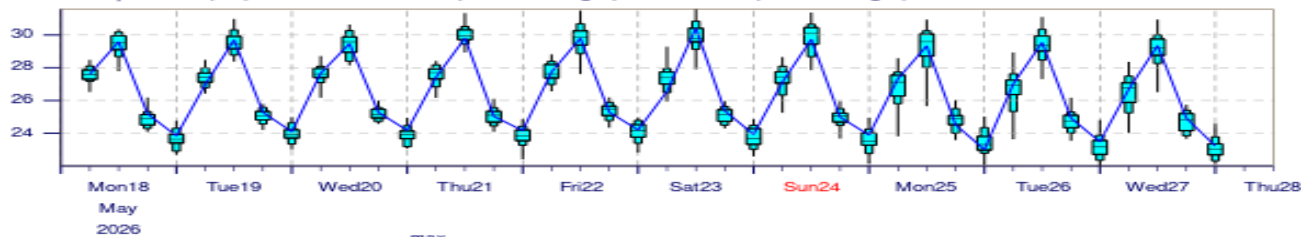
Total Precipitation (mm/6h)



10m Wind Speed (m/s)



2m Temperature(°C) reduced to 153 m (Station height) from 152m (Model height)

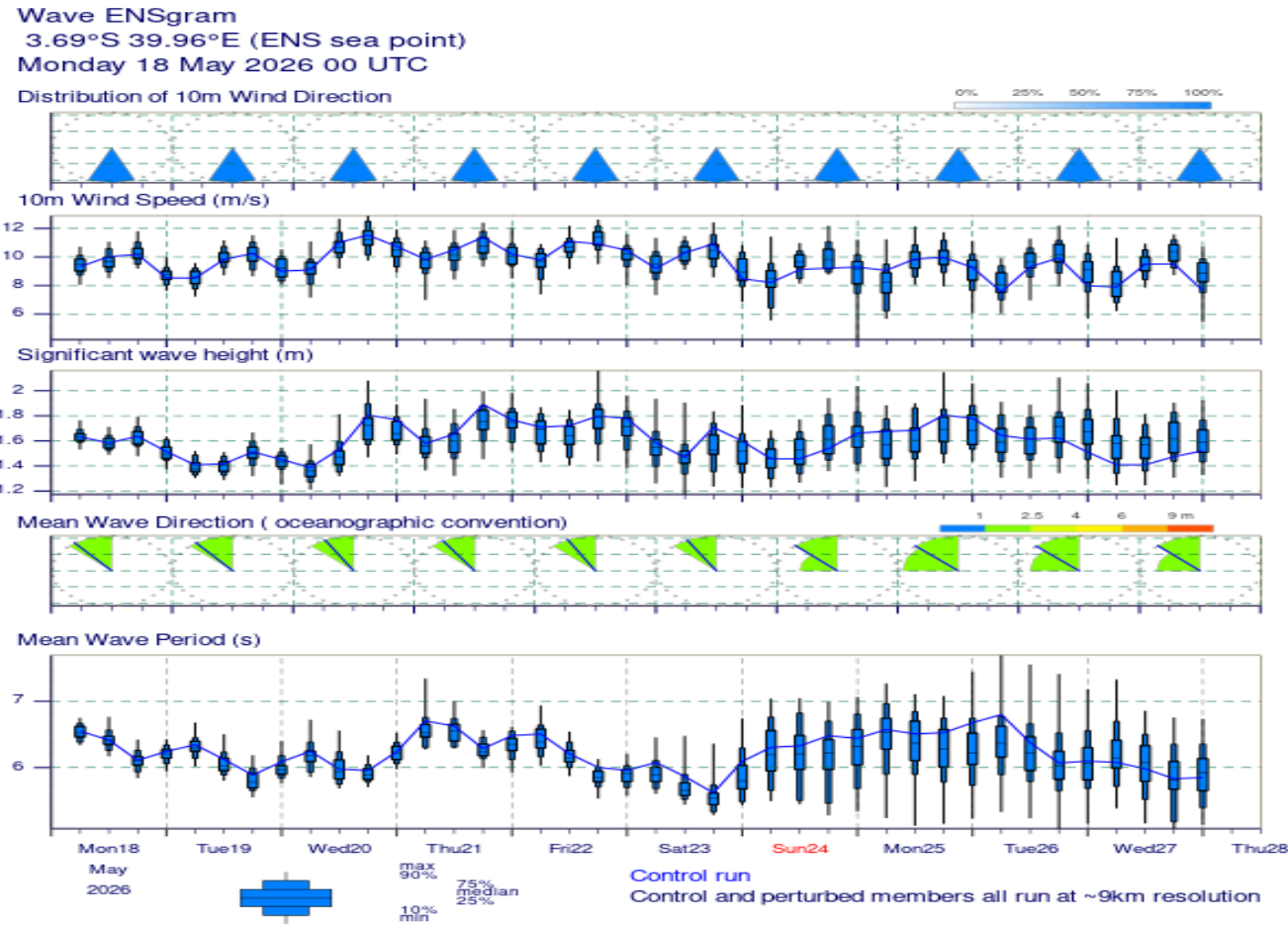


max
90%
75%
median
25%
10%
min

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 South throughout the 10-day forecast period, the wind speeds vary between 8m/s and 12 m/s, the significant wave heights vary between 1.4 m and 2.0 m. The wave directions are Southeasterly (SE) and the wave periods between 5 and 7 seconds