



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

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REF.NO: KMD/FCST/06-2026/MARINE/26

Date: Issued on 22nd June, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 23/06/2026 - 29/06/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

South-South-Easterly to South-Westerly winds are expected over Somalia waters with wind speeds of 12 to 30 knots (06-15 m/s) throughout the forecast period.

Easterly to South-Westerly winds are expected over Kenya and Tanzania waters with wind speeds of 04 to 22 knots (02-11 m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

South-Easterly to South-South-Westerly waves are expected over Somalia, waters with wave heights of **1.7-3.0m (\approx 5.1-9.0ft)** throughout the forecast period.

East-South-Easterly to South-South-Easterly waves are expected over Kenya, and Tanzania waters with wave heights of **0.3-2.5m (\approx 0.9-7.5ft)** throughout the forecast period.

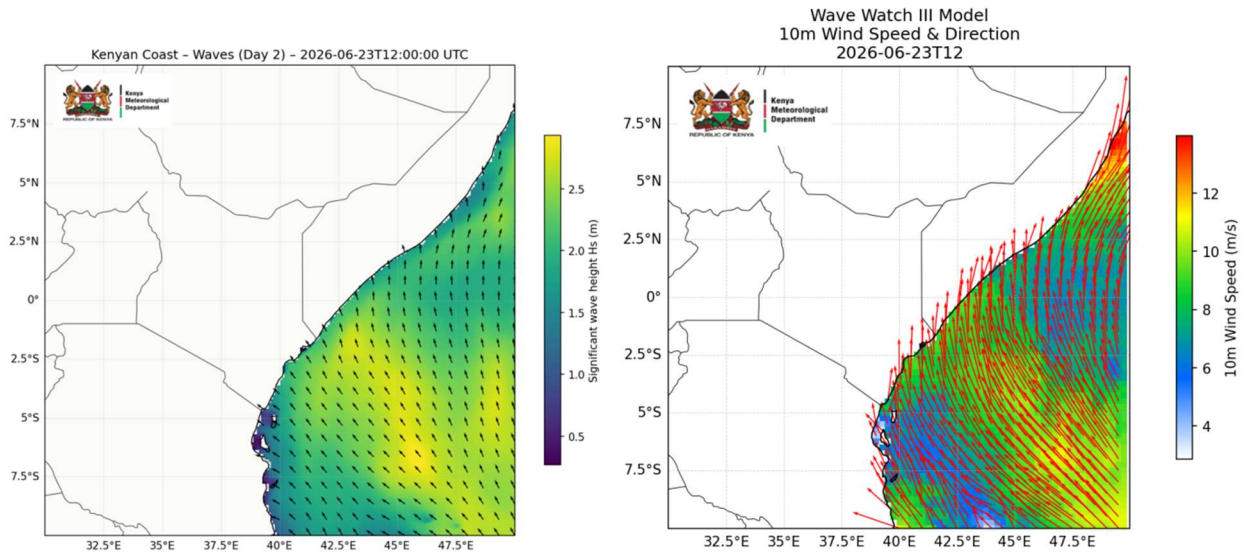
1.3 Sea condition

- **Gentle breeze to extremely strong breeze with wind speeds of 0.6-15m/s (12 to 30 Knots) expected over Somalia waters throughout the forecast period.**
- **Light breeze to fresh breeze with wind speeds of 02-11m/s (04 to 12 Knots) expected Kenya, and Tanzania waters throughout the forecast period.**
- **Moderate to rough sea condition with wave heights of 1.7-3.0m (\approx 5.4-9.0ft) expected over the Somalia waters throughout the forecast period.**
- **Slight to moderate sea condition with wave heights of 0.3-2.5m (\approx 0.9-7.5ft) expected over the Kenya and Tanzania waters throughout the forecast period.**

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 23RD JUNE, 2026 TO 29TH JUNE, 2026.

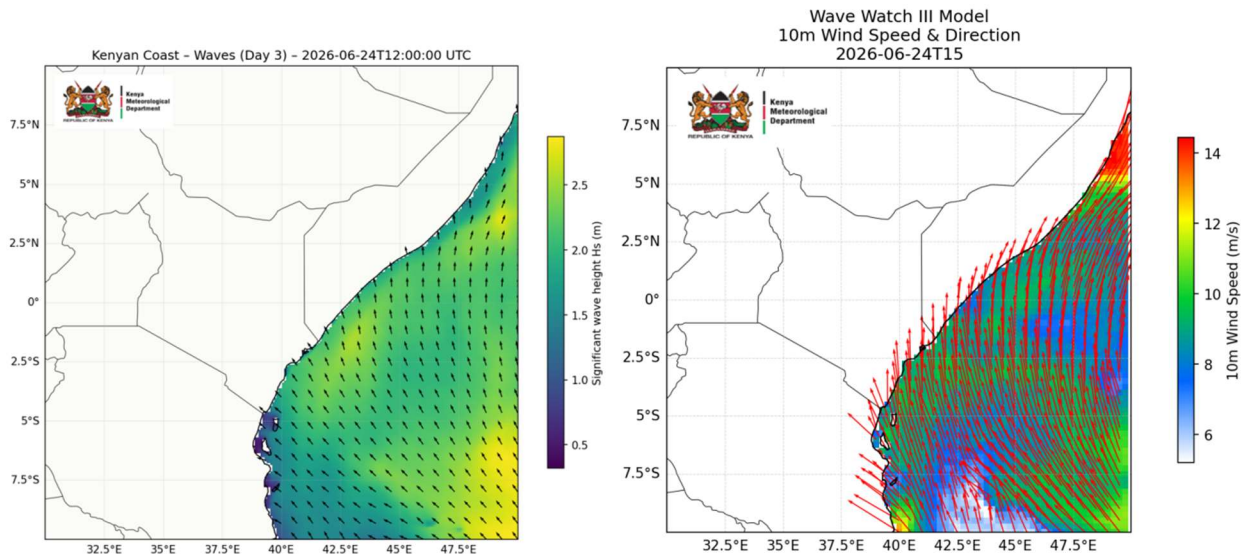
2.1 Tuesday 23rd June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.3 m to 2.5m (\approx 0.9– 7.5ft) 10m Winds: 06-26 knots (\approx 03 – 13m/s)



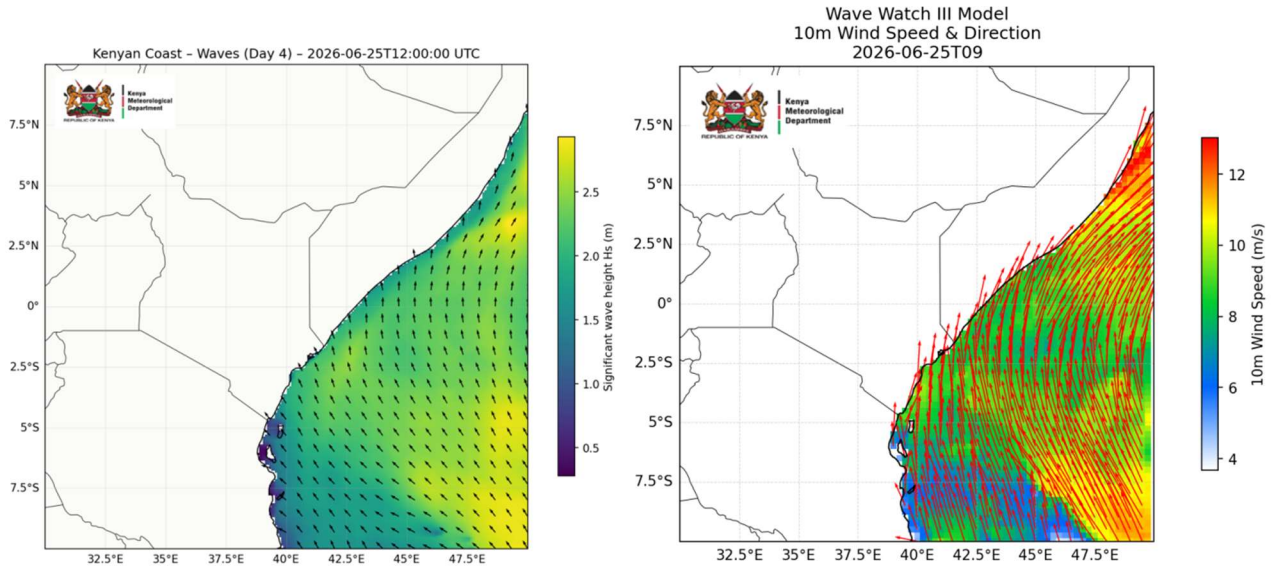
2.2 Wednesday 24th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.5m (\approx 1.2– 7.5 ft) 10m Winds: 10-28 knots (\approx 5– 14m/s)



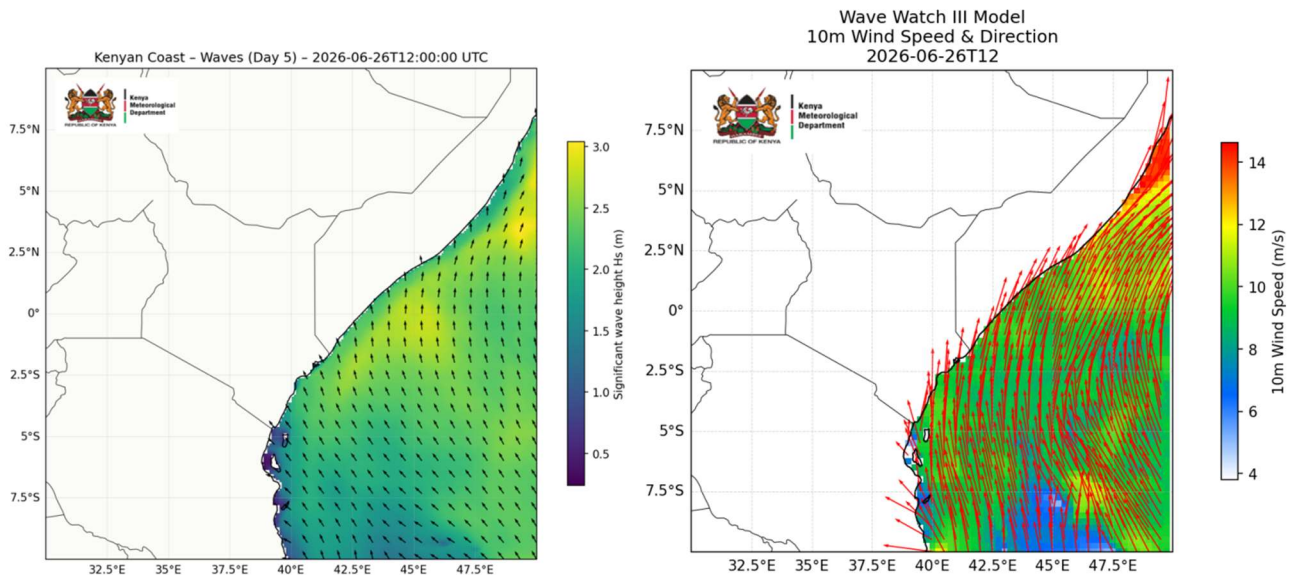
2.3 Thursday 25th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.5m ($\approx 1.2-7.5$ ft) 10m Winds: 08-24knots ($\approx 4 - 12$ m/s)



2.4 Friday 26th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

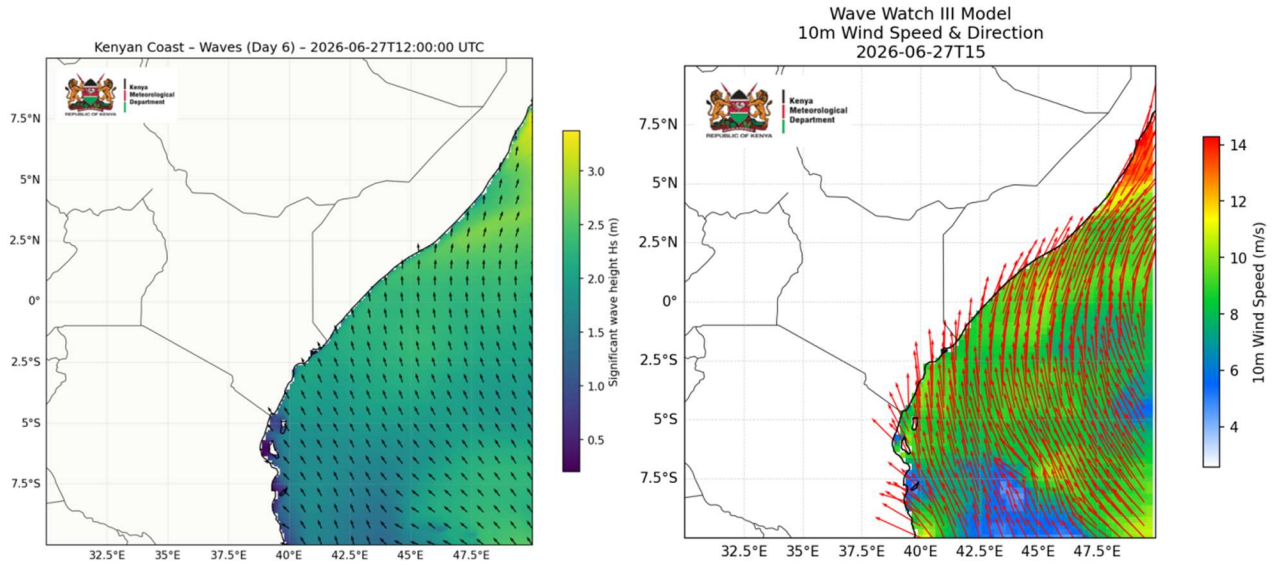
Wave height: 0.4 m to 2.5m ($\approx 1.2-7.5$ ft) 10m Winds: 08-30 knots ($\approx 04 - 15$ m/s)



2.5 Saturday 27th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.3 m to 3.0m (\approx 0.6- 9.0ft)

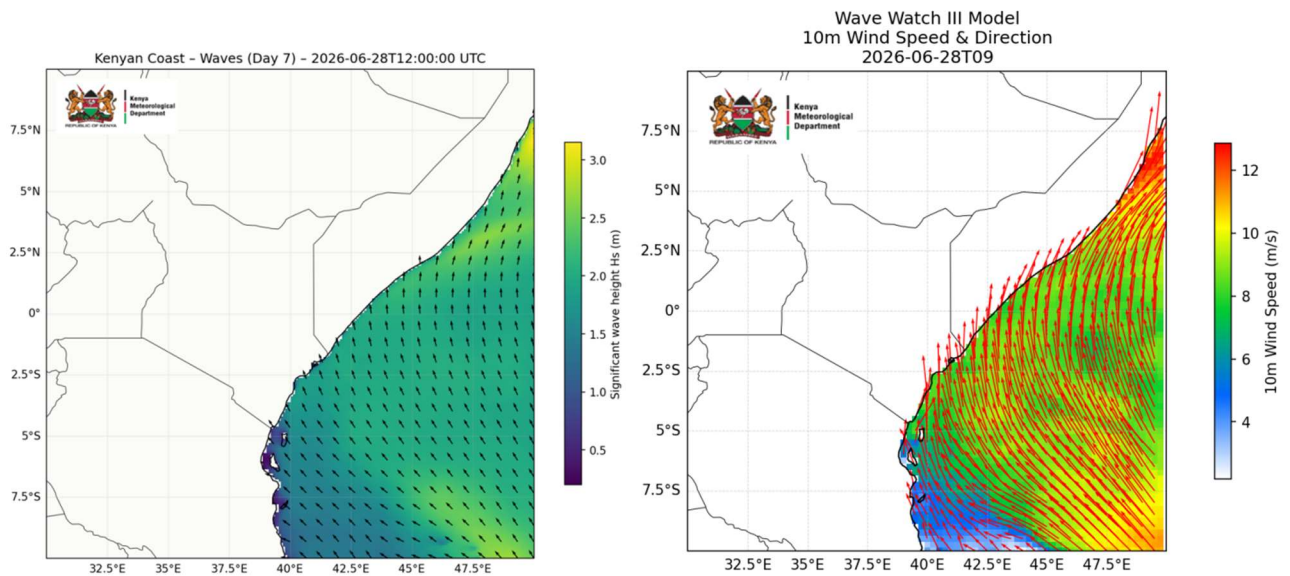
10m Winds: 06-28 knots (\approx 03– 14 m/s)



2.6 Sunday 28th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

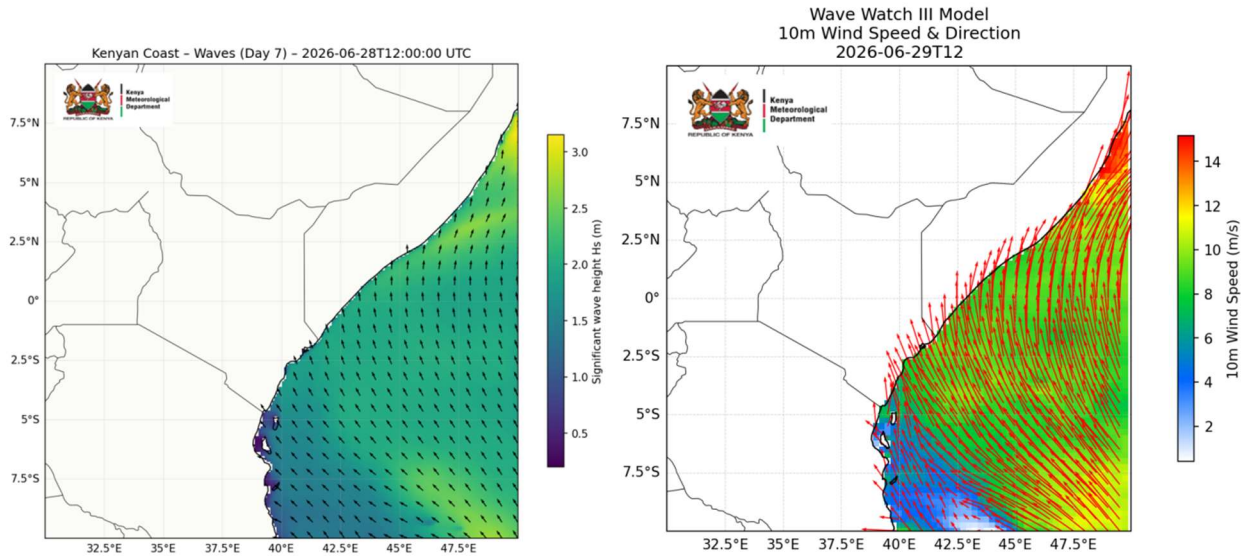
Wave height: 0.4 m to 3.0m (\approx 1.2– 9.0ft)

10m Winds: 06-24 knots (\approx 3– 12 m/s)



2.7 Monday 29th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 3.0m (≈ 1.2– 9.0ft) 10m Winds: 04 -30 knots (≈ 2– 15m/s)

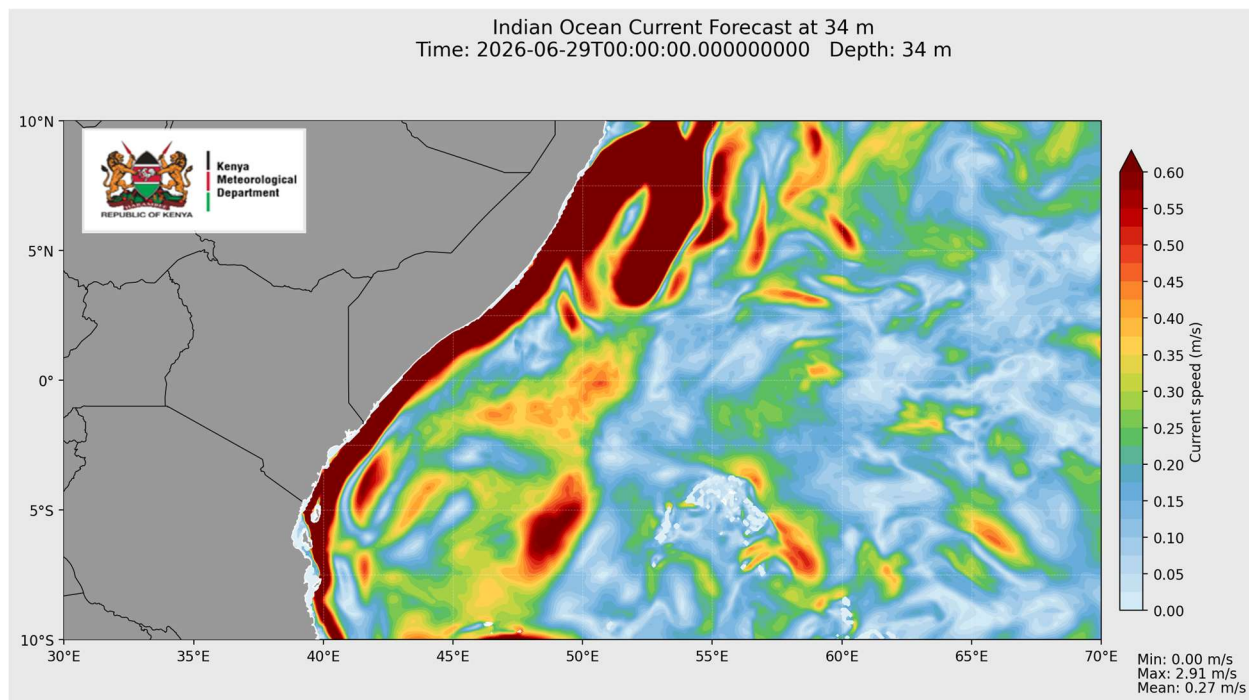


3.0 TIDE FORECAST VALID FROM 23RD JUNE, 2026 TO 29TH JUNE, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Tue 23 rd June, 2026	1 st Tide	11:05AM	2.76 m	4:21AM	1.0 m
	2 nd Tide	11:25PM	2.3 m	5:30 PM	1.23 m
Wen 24 th June, 2026	1 st Tide			5:24 AM	1.11 m
	2 nd Tide	12:12 PM	2.78 m	6:47 PM	1.19 m
Thu 25 th June, 2026	1 st Tide	00:42 AM	2.25 m	6:27 AM	1.14 m
	2 nd Tide	1:14 PM	2.85 m	7:50 PM	1.08 m
Fri 26 th June, 2026	1 st Tide	1:49 AM	2.29 m	7:26 AM	1.12 m
	2 nd Tide	2:06 PM	2.96 m	8.40 PM	0.95 m

Sat 27th June, 2026	1st Tide	2:41AM	2.38 m	8:16 AM	1.05 m
	2nd Tide	2:51PM	3.07 m	9:22 PM	0.82 m
Sun 28th June, 2026	1st Tide	3:24 AM	2.48 m	9:01 AM	0.97 m
	2nd Tide	3:30 PM	3.17 m	9:59 PM	0.7 m
Mon 29th June, 2026	1st Tide	4:02 AM	2.59 m	09:41 AM	0.88 m
	2nd Tide	4:06 PM	3.26 M	10.03 PM	0.60 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 23/06/2026 TO 29/06/2026



KEY ON SEA STATE

WAVE HEIGHT RANGE (Meters)	DESCRIPTION	IMPACT
0.6 – 1.0 m (≈ 1.8 – 3.0 ft)	Slight	Conditions suitable for Marine activities
1.0 – 1.9 m (≈ 3.0 – 5.7 ft)	Slight – Moderate	
2.0 – 2.9 m (≈ 6.0 – 8.7 ft)	Moderate-Rough	Caution on operating marine activities
3.0 – 4.0 m (≈ 9.0 – 12.0 ft)	Rough	Warning in place!!!! Warning in place and marine activities on hold
4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	

KEY ON SEA STATE

WIND	RANGE	DESCRIPTIONS	IMPACT
	< 1 – 7 Knots	Calm to light breeze	1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations
	7 – 21 Knots	Gentle breeze to fresh breeze	7 – 17 knots, small boats are likely to be filled with water sprays and become unstable. Caution in carrying out marine activities
	22 – ≥34 Knots	Strong breeze to extremely strong breeze	More than 21 knots, the ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations. Warning in place!!!!

N.B: This forecast should be used in conjunction with the daily marine forecast issued by this Department.

In concurrence with outputs from relevant marine data platforms, acknowledgement is fully accorded to: ESSO- Indian National Centre for Ocean Information Services (INCOIS), mercator-ocean.fr, COPERNICUS Marine Environment Monitoring Service (CMEMS) and other related sources.

Dr Okello and Mr. Muriithi.
Duty Analysts
Marine Forecasting Services

For
DIRECTOR,
KENYA METEOROLOGICAL DEPARTMENT

