REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
KENYA METEOROLOGICAL SERVICE AUTHORITY
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REF.NO: KMD/FCST/10-2026/MARINE/43 Date: Issued on 24th October, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 25/10/2026 - 31/10/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

North-Easterly to South-Westerly winds are expected over Somalia and Tanzania waters with wind speeds of 04 to 20 knots (02-10m/s) throughout the forecast period.

East South-Easterly to South South-Westerly winds are expected over Kenya waters with wind speeds of 04 to 24 knots (02-12m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

Easterly to South-South-Easterly waves are expected over Somalia ,Kenya, and Tanzania waters with wave heights of 0.2-2.5m (≈ 0.6-7.5ft) throughout the forecast period.

1.3 Sea condition

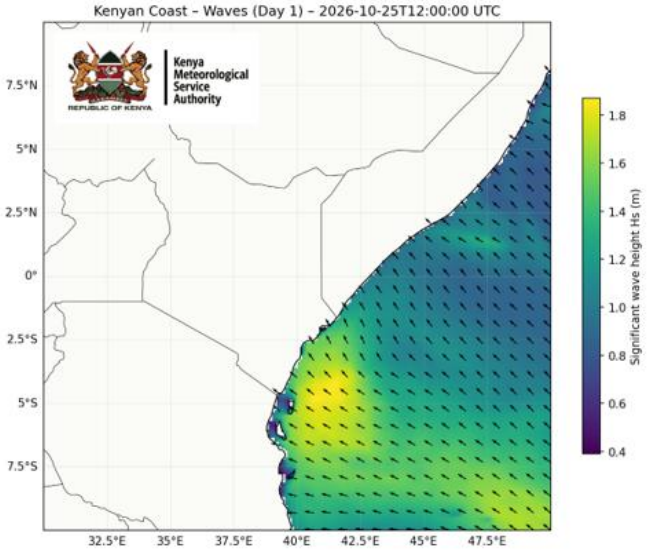
- Light to fresh breeze with wind speeds of 02–10m/s (04 to 20 Knots) expected over Somalia and Tanzania waters throughout the forecast period.
- Light to Strong breeze with wind speeds of 02–12m/s (04 to 24 Knots) expected over Kenya waters throughout the forecast period.

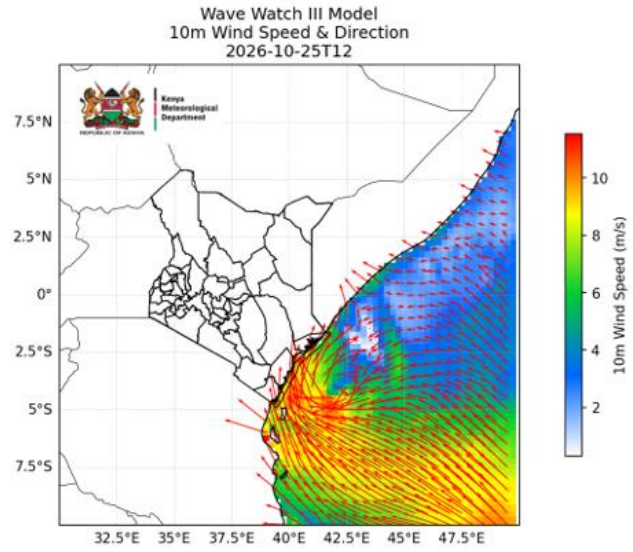
- Slight to Moderate Sea condition with wave heights of 0.2-2.5m (≈ 0.6–7.5 ft) expected over Kenya, Tanzania and Somalia waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 25TH OCTOBER, 2026 TO 31ST OCTOBER, 2026.

2.1 Sunday 25th October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

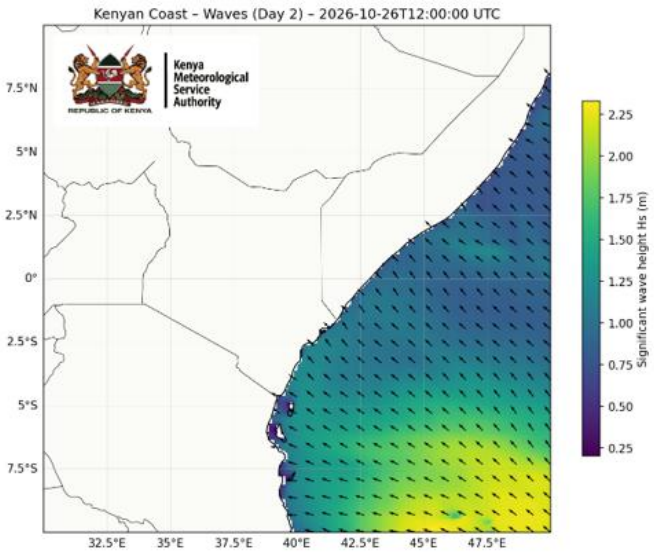
Wave height: 0.4 m to 2.0 m (≈ 1.2–6.0ft) 10m Winds: 8-24 knots (≈ 2– 12m/s)

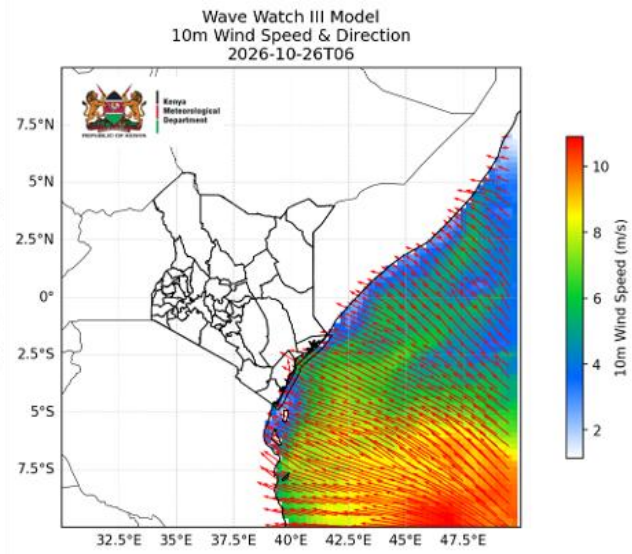




2.2 Monday 26th 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

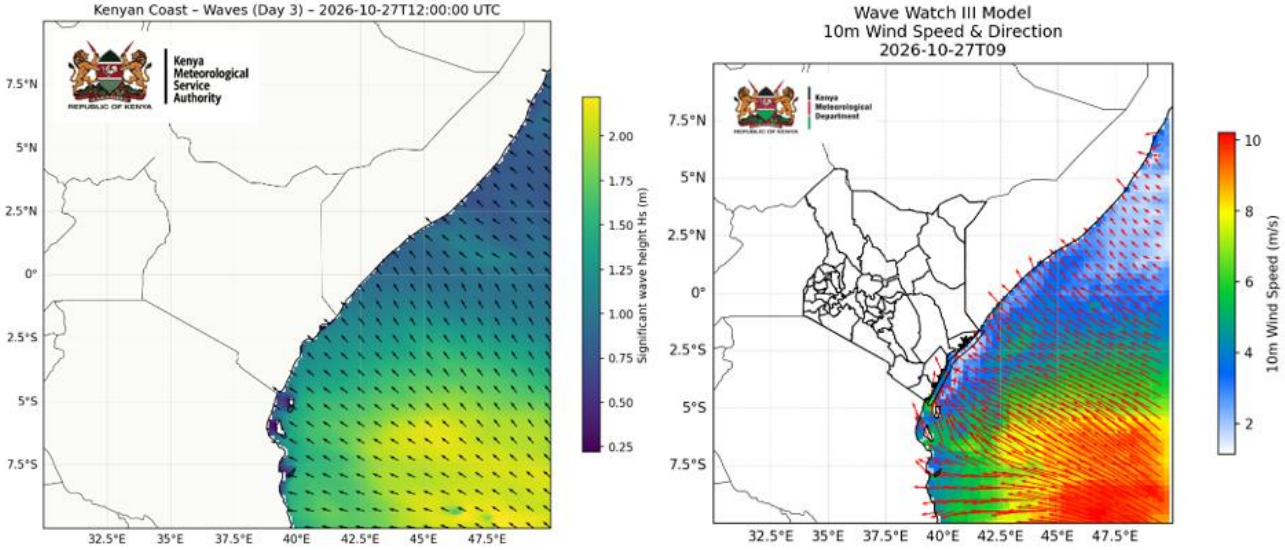
Wave height: 0.25 m to 2.25m (≈ 0.75–6.75ft) 10m Winds: 4-20 knots (≈ 2–10m/s)





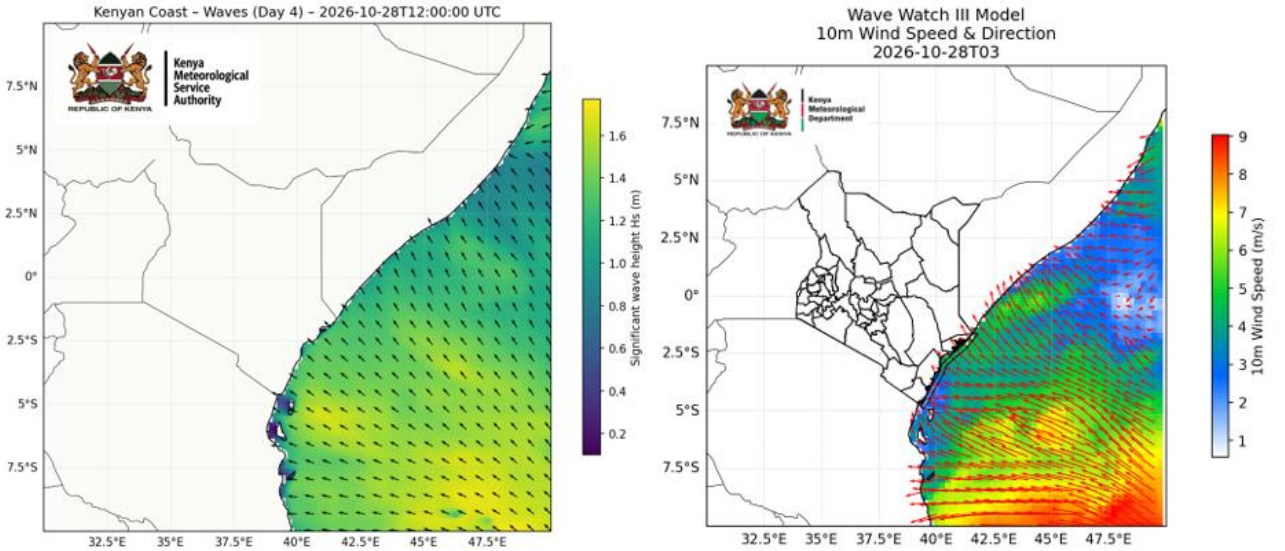
2.3 Tuesday 27th October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.25 m to 2.0 m (≈ 0.75– 6.0ft) 10m Winds: 4-20 knots (≈ 2 –10m/s)



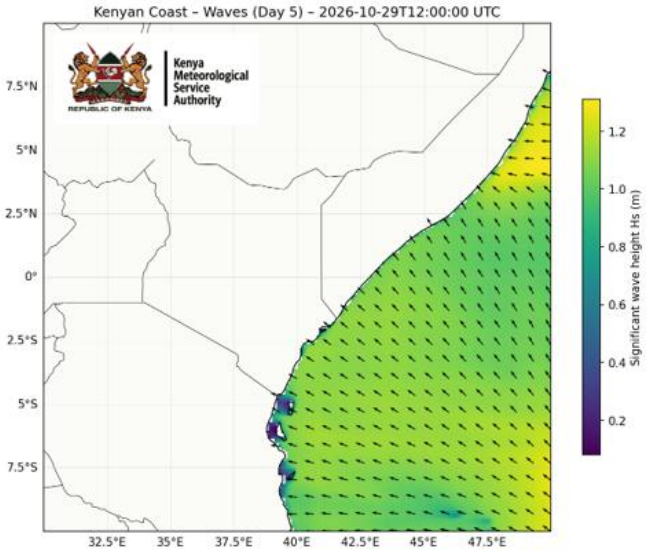
2.4 Wednesday 28th October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

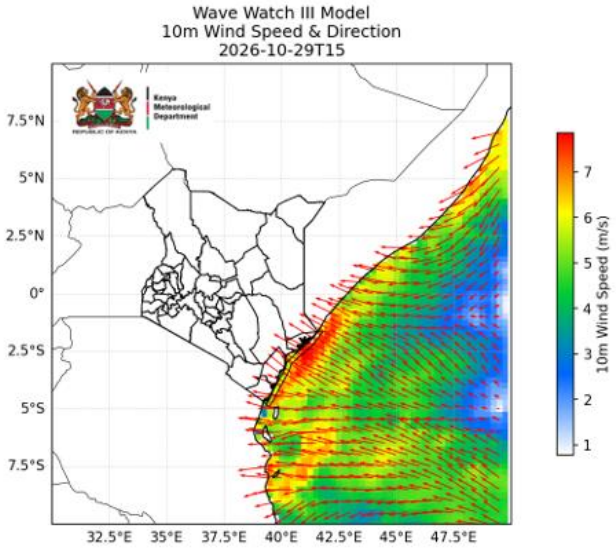
Wave height: 0.2 m to 1.6m (≈ 0.6– 5.4ft) 10m Winds: 2-18 knots (≈ 1– 9m/s)



2.5 Thursday 29th October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

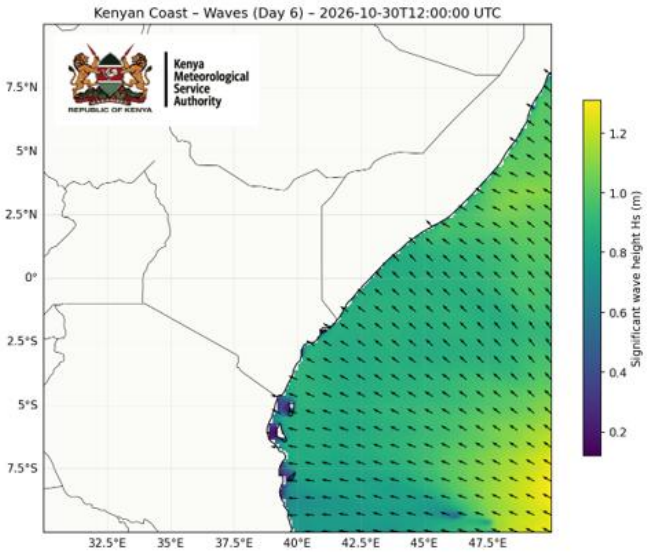
Wave height: 0.2m to 1.2m (≈0.6– 3.6ft) 10m Winds: 2-14 knots (≈ 1– 7m/s)

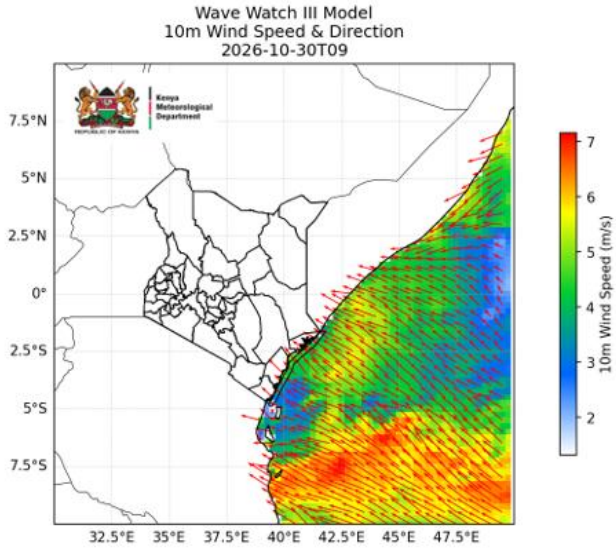




2.6 Friday 30th October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

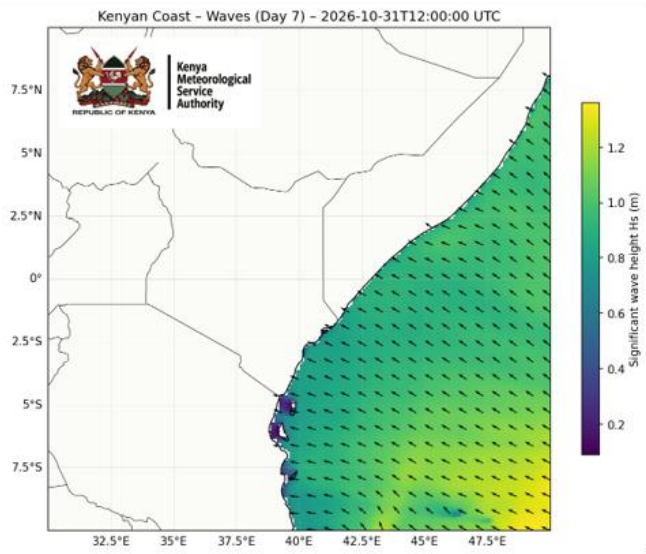
Wave height: 0.2 m to 1.2 m (≈ 0.6– 3.6ft) 10m Winds: 4-14 knots (≈ 2– 7m/s)



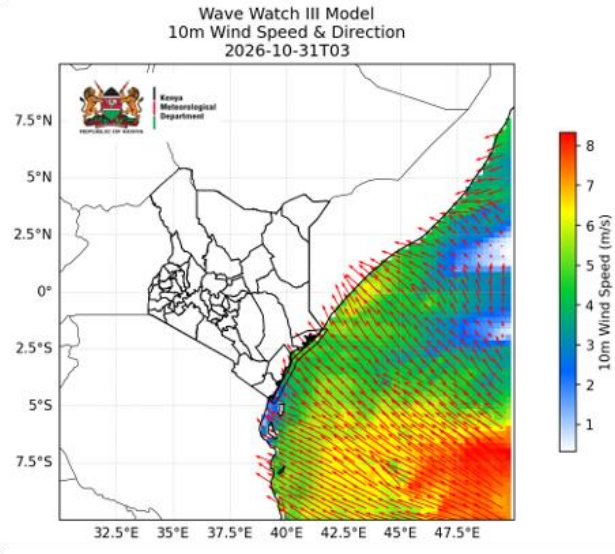


2.7 Saturday 31st October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.2m (≈ 0.6– 3.6ft)



10m Winds: 2-16 knots (≈ 1– 8m/s)

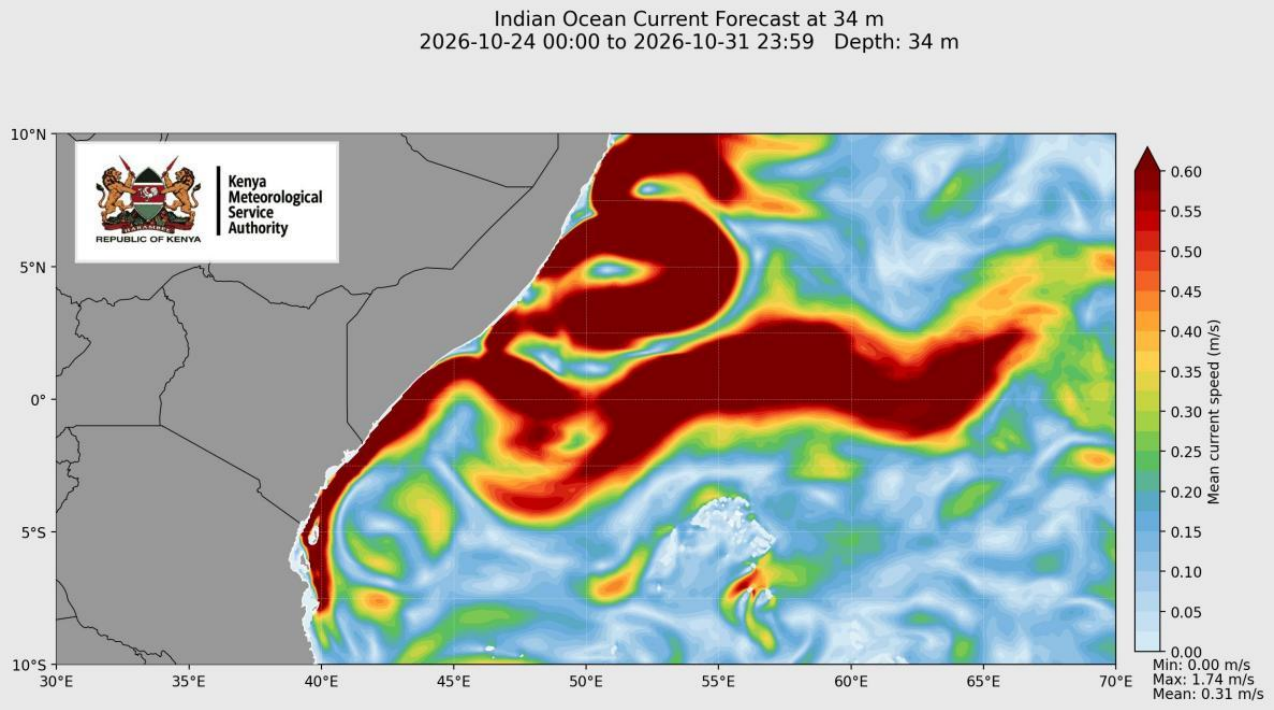


3.0 TIDE FORECAST VALID FROM 25TH OCTOBER, 2026 TO 31ST OCTOBER, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Sun 25th October, 2026	**1st Tide**	3:22 AM	3.49 m	9.36 AM	0.24 m
	2nd Tide	3:36 PM	3.2 m	9.36 PM	0.29 m
Mon 26th October, 2026	**1st Tide**	2.22 AM	2.87 m	10:09 AM	0.06 m
	2nd Tide	2.34 PM	2.87 m	10:07 PM	0.2m
Tue 27th October, 2026	**1st Tide**	4:27 AM	3.86 m	10:44 AM	-0.02 m
	2nd Tide	4:51 PM	3.26m	10:29 PM	0.18 m
Wed 28th October, 2026	**1st Tide**	5:03 AM	3.9 m	11:21 AM	0.01m
	2nd Tide	5:28 PM	3.17 m	11:14 PM	0.24 m

Thu 29th October, 2026	**1st Tide**	5:40 AM	3.82 m	12:00 PM	0.15 m
	2nd Tide	6:07 PM	3.0 m	11:51 PM	0.39 m
Fri 30th October, 2026	**1st Tide**	6:21 AM	3.62 m		
	2nd Tide	6:50 PM	2.78m	12:42 PM	0.38 m
Sat 31st October, 2026	**1st Tide**	7:07 AM	3.33 m	00:33 AM	0.63 m
	2nd Tide	7:42 PM	2.54 m	1:32 PM	0.66 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECOND (M/S) FORECAST VALID 25TH TO OCTOBER,2026 TO 31ST OCTOBER,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!!!!**
4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	**Warning in place and marine activities on hold**

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.

Phillip Okello



For Ag. DIRECTOR GENERAL, KENYA METEOROLOGICAL SERVICE AUTHORITY