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/45 Date: Issued on 4th November, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas Along the Western Indian Ocean Region Validity: 05/11/2026 - 11/11/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

North-North-Easterly to South-South-Easterly winds are expected over Kenya, Tanzania and Somalia waters with wind speeds of 02 to 18 knots (1-9m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

Easterly to South-Easterly waves are expected over Somalia, Kenya and Tanzania waters with wave heights of 0.2-1.4m (≈ 0.6-4.2ft) throughout the forecast period.

1.3 Sea condition

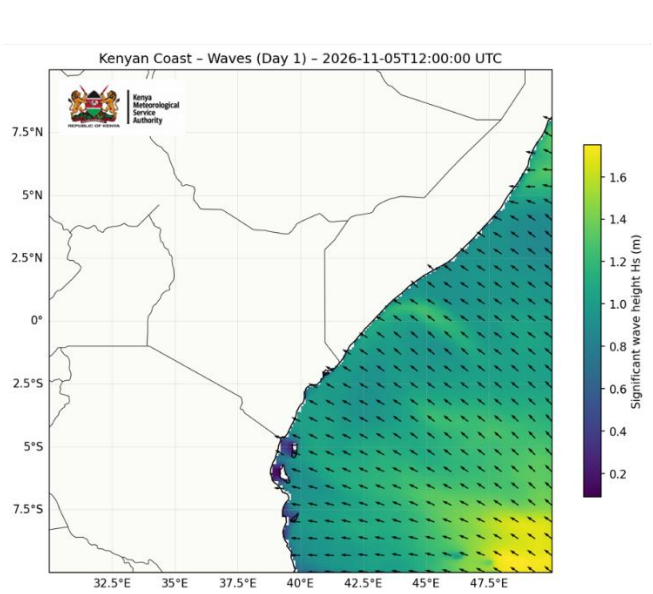
- Light to fresh breeze with wind speeds of 02 to 18 knots (1-9m/s) expected over Kenya Tanzania and Somalia waters throughout the forecast period.

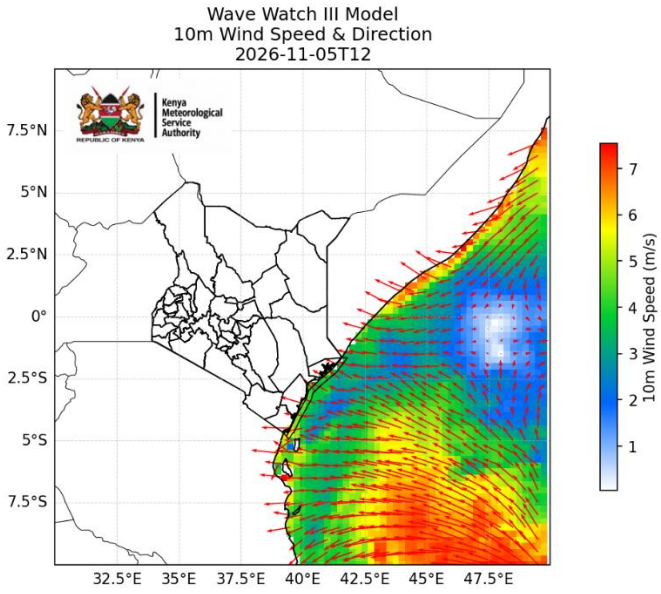
- Slight to moderate Sea condition with wave heights of 0.2-1.4m (≈ 0.6-4.2ft) expected over Kenya, Tanzania and Somalia waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 5TH NOVEMBER, 2026 TO 11TH NOVEMBER, 2026.

2.1 Thursday 05th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

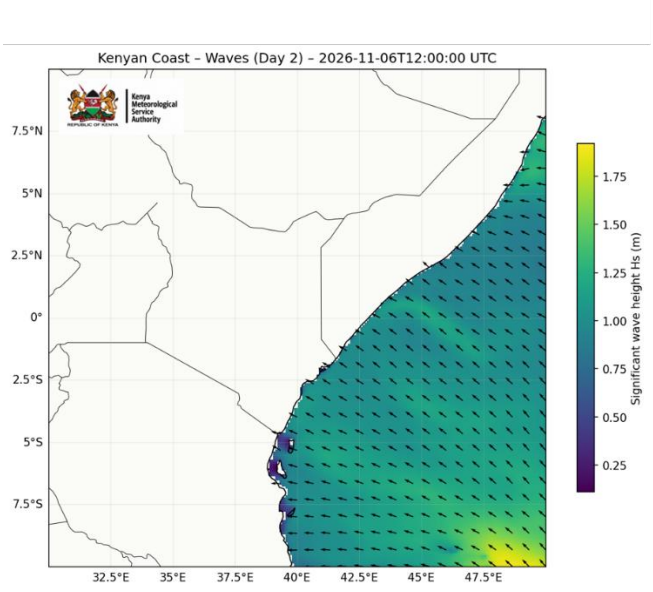
Wave height: 0.2 m to 1.4 m (≈ 0.2 -4.2ft) 10m Winds: 4-15 knots (≈ 2– 7.5m/s)

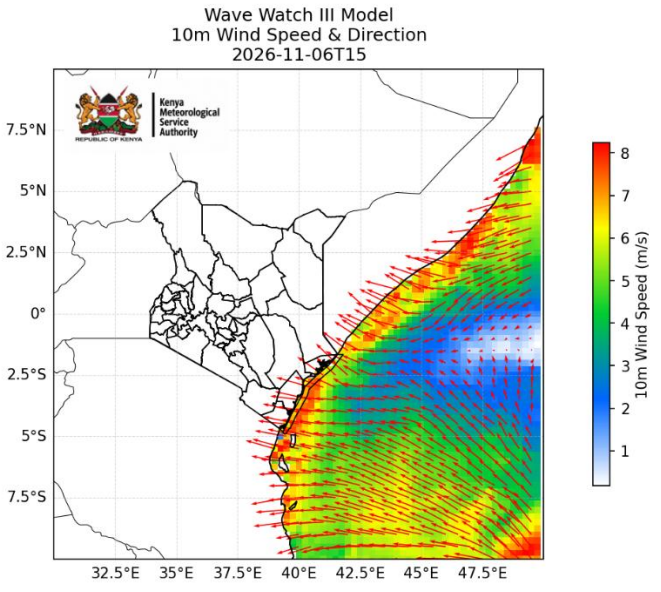




2.2 Friday 06th November 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

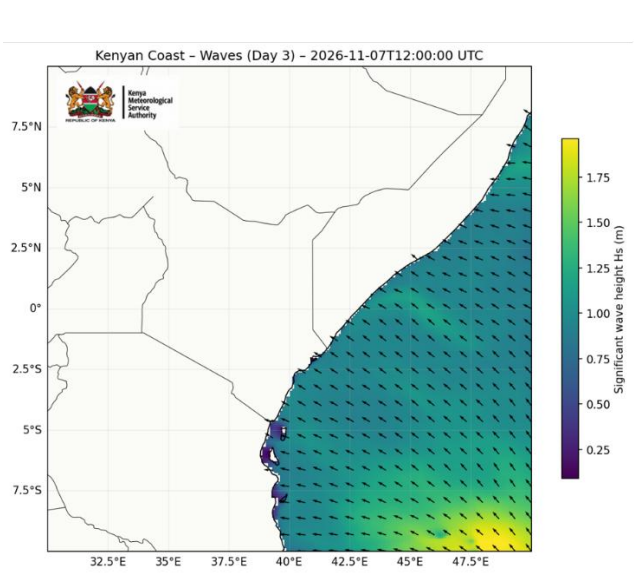
Wave height: 0.2 m to 1.5 m (≈ 0.6–4.5ft) 10m Winds: 10-16 knots (≈ 5–8m/s)

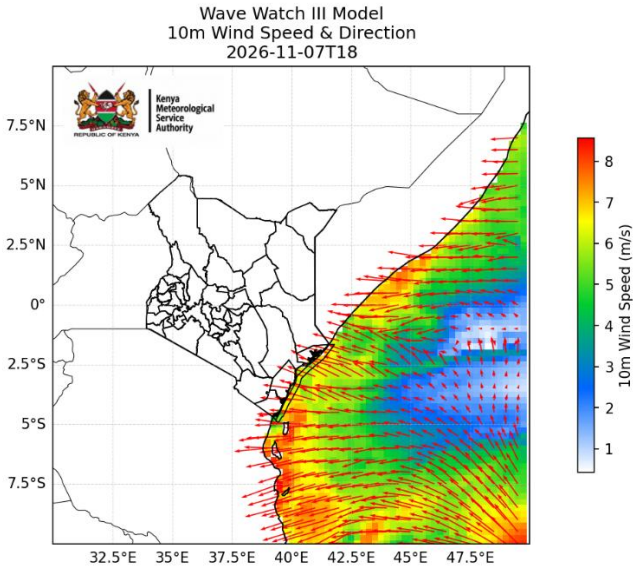




2.3 Saturday 07th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

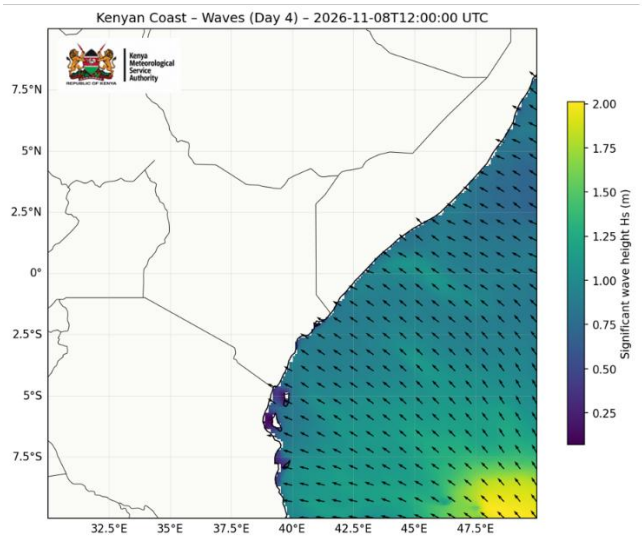
Wave height: 0.2 m to 1.5 m (≈ 0.6– 4.5ft) 10m Winds: 8-16 knots (≈ 4 –8m/s)

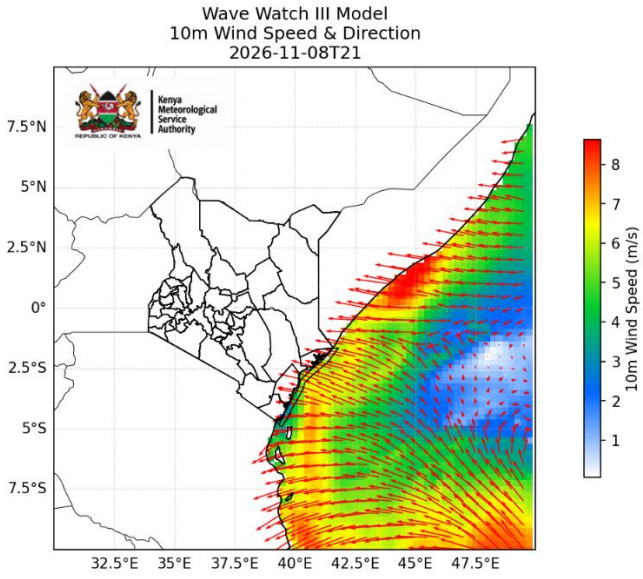




2.4 Sunday 08th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

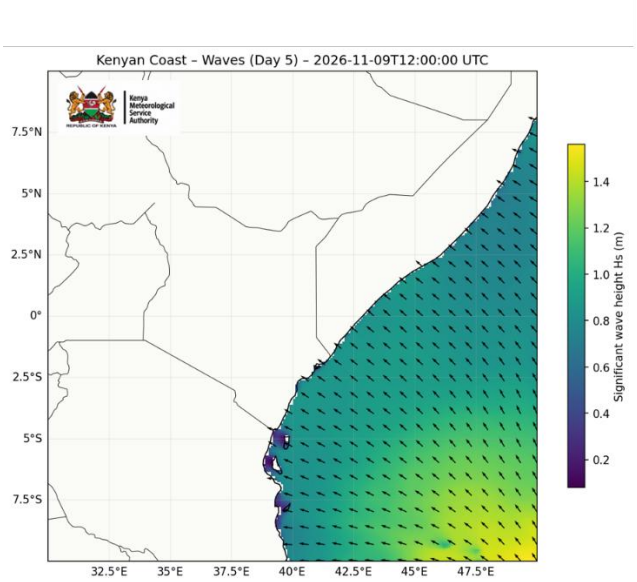
Wave height: 0.2 m to 1.3m (≈ 0.6– 3.9ft) 10m Winds: 8-17 knots (≈ 4– 8.5m/s)

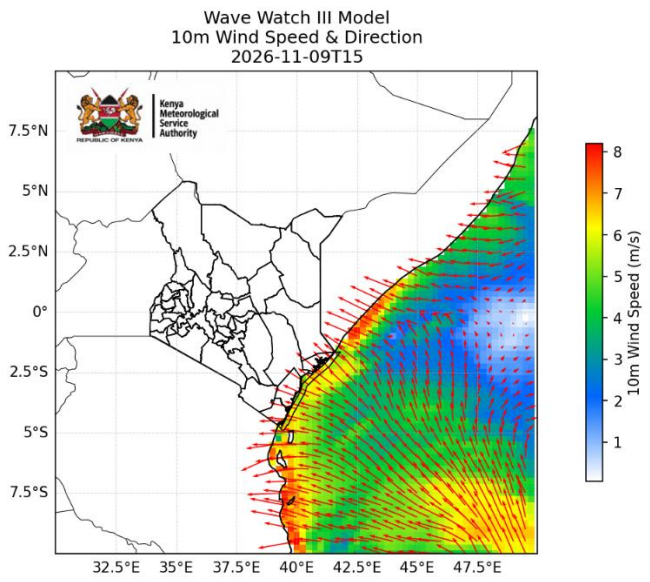




2.5 Monday 09th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

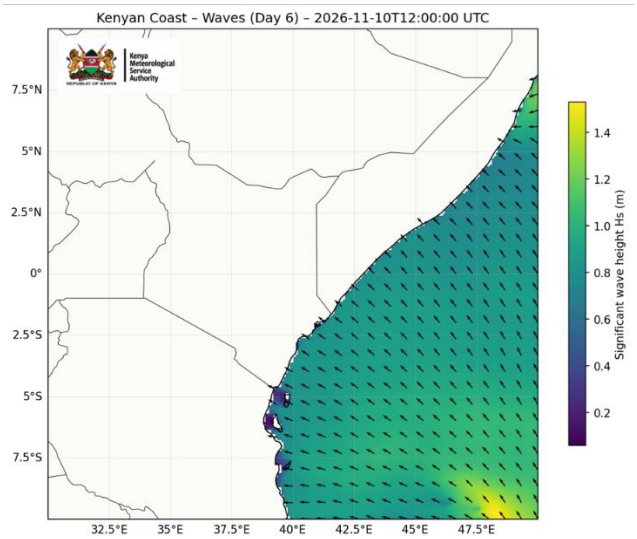
Wave height: 0.2m to 1.0m (≈0.6– 3.0ft) 10m Winds: 6-16 knots (≈ 3– 8m/s)

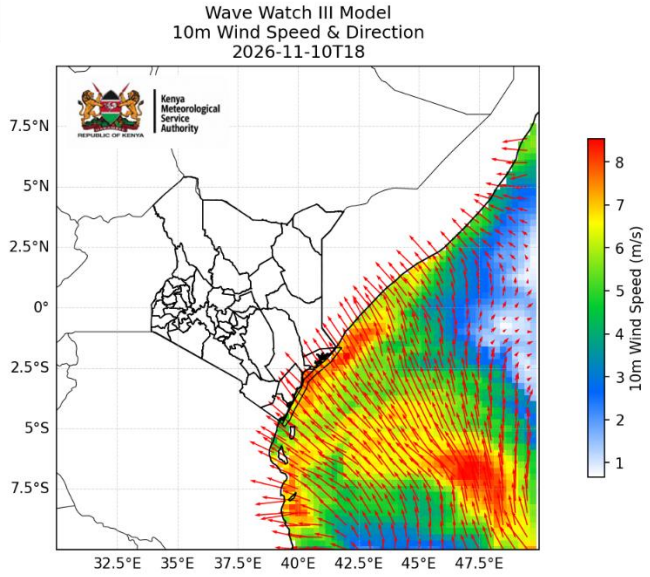




2.6 Tuesday 10th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

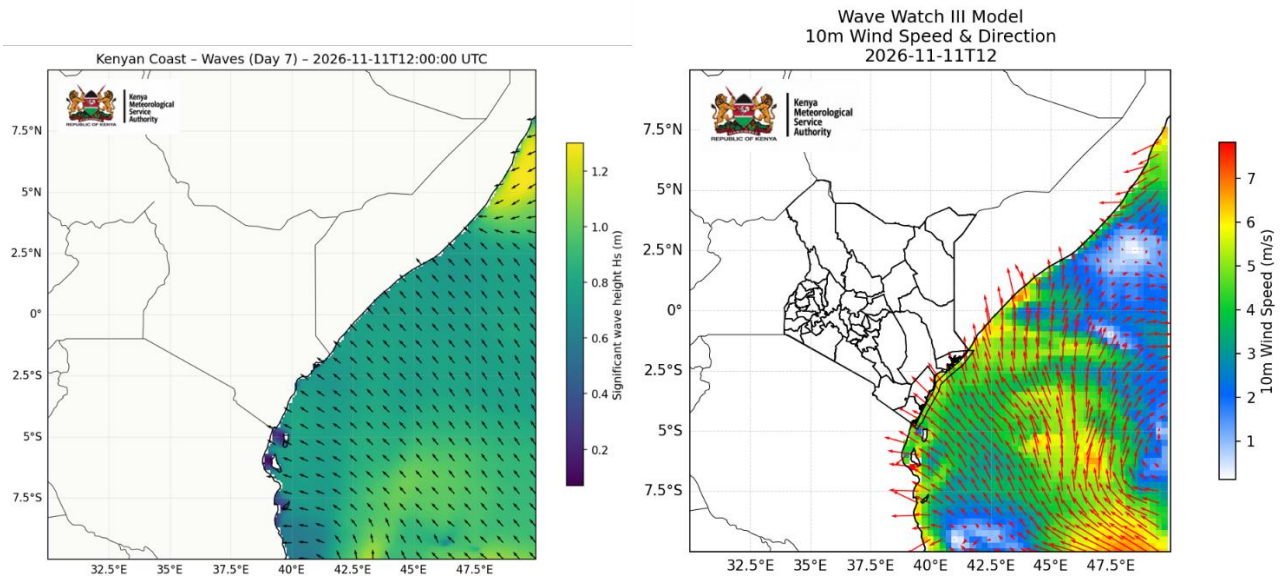
Wave height: 0.2 m to 1.2 m (≈ 0.6– 3.6ft) 10m Winds: 6-16 knots (≈ 3– 8m/s)





2.7 Wednesday 11th November, 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: 4-13 knots (≈ 2– 6.5m/s)

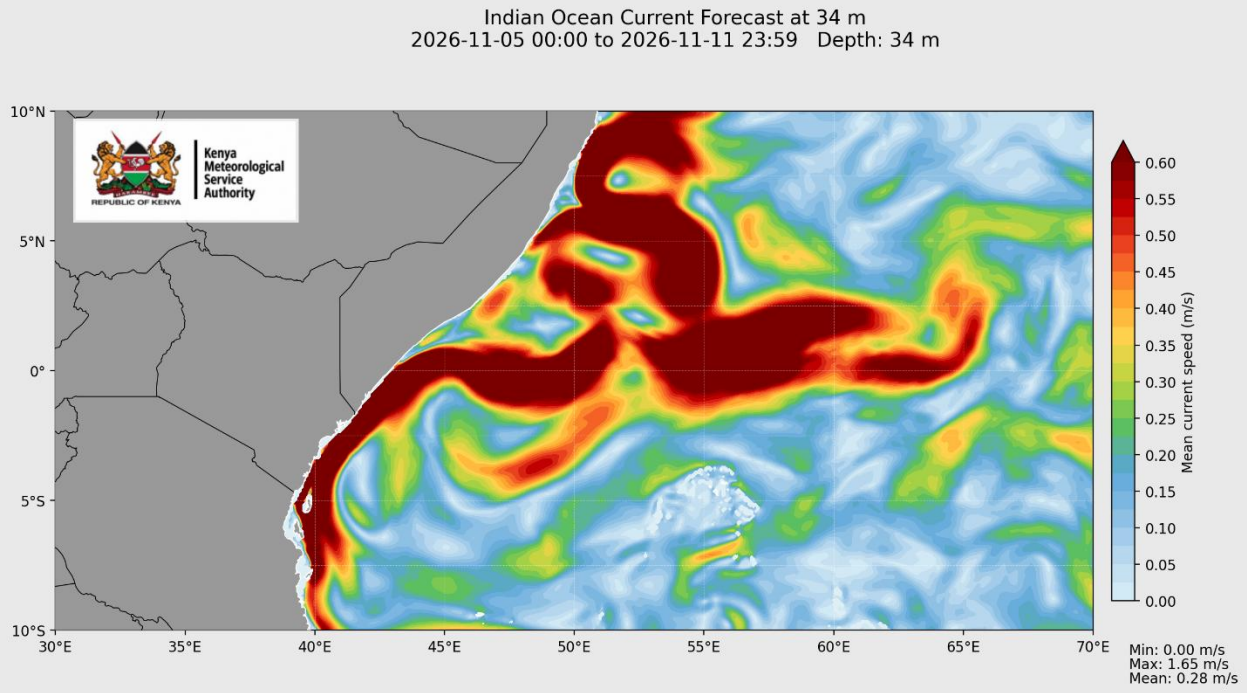


3.0 TIDE FORECAST VALID FROM 5TH NOVEMBER, 2026 TO 11TH NOVEMBER, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Thur 05th November, 2026	1st Tide	01:27 AM	2.81 m	07:43 AM	0.93 m
	2nd Tide	01:47 PM	2.72 m	07:51 PM	0.77 m
Fri 06th November, 2026	1st Tide	02:13 AM	3.10 m	08:30 AM	0.67 m
	2nd Tide	02:34 PM	2.86 m	08:29 PM	0.62 m
Sat 07th November, 2026	1st Tide	02:51 AM	3.34 m	09:08 AM	0.47 m
	2nd Tide	03:12 PM	2.96 m	09:03 PM	0.52 m
Sun 08th November, 2026	1st Tide	03:24 AM	3.50 m	09:41 AM	0.34 m
	2nd Tide	03:45 PM	3.01 m	09:34 PM	0.45 m

Mon 09th November, 2026	**1st Tide**	03:55 AM	3.59 m	10:12 AM	0.27 m
	2nd Tide	04:18 PM	3.02 m	10:04 PM	0.44 m
Tue 10th November, 2026	**1st Tide**	04:25 AM	3.61 m	10:42 AM	0.27 m
	2nd Tide	04:47 PM	2.99 m	10:33 PM	0.46 m
Wed 11th November, 2026	**1st Tide**	04:54 AM	3.56 m	11:12 AM	0.32 m
	2nd Tide	05:17 PM	2.92 m	11:02 PM	0.54 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECOND (M/S) FORECAST VALID 05TH NOVEMBER, 2026 TO 11TH NOVEMBER, 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

	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