REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
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REF.NO: KMD/FCST/10-2026/MARINE/45 Date: Issued on 1st November, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas Along the Western Indian Ocean Region Validity: 02/11/2026 - 08/11/2026

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 00 to 18 knots (00-09m/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 0.2-1.5m (≈ 0.6-4.5ft) throughout the forecast period.

1.3 Sea condition

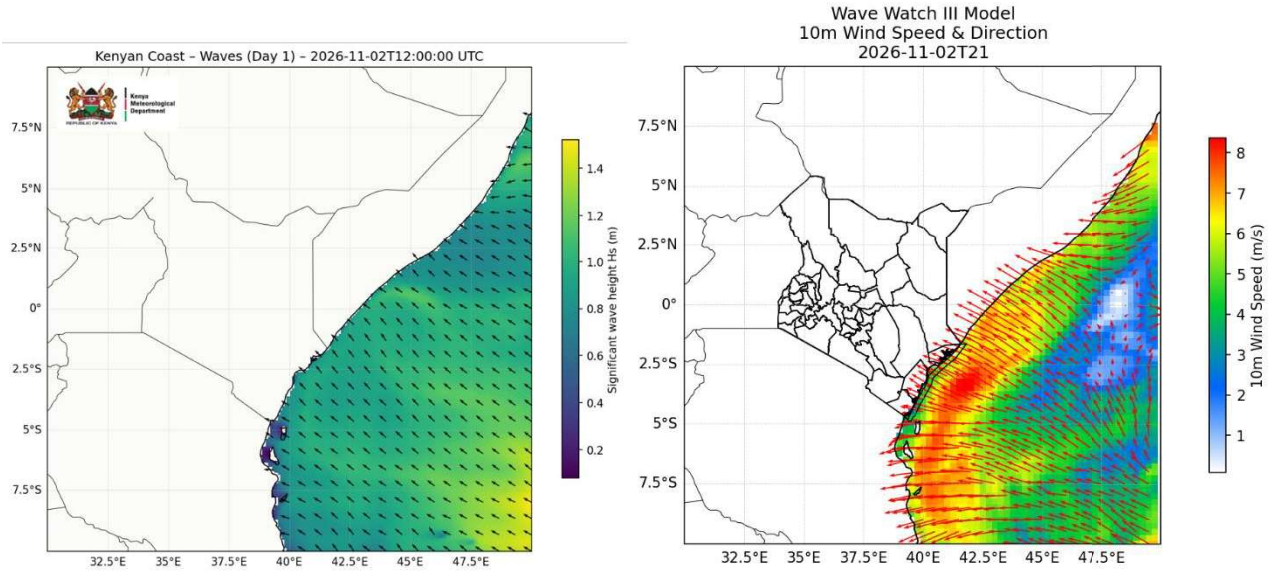
- Calm to fresh breeze with wind speeds of 00-9m/s (00 to 18 Knots) expected over Kenya Tanzania and Somalia waters throughout the forecast period.

- Slight to moderate Sea condition with wave heights of 0.2-1.5m (≈ 0.6-4.5 ft) expected over Kenya, Tanzania and Somalia waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 2ND NOVEMBER, 2026 TO 08TH NOVEMBER, 2026.

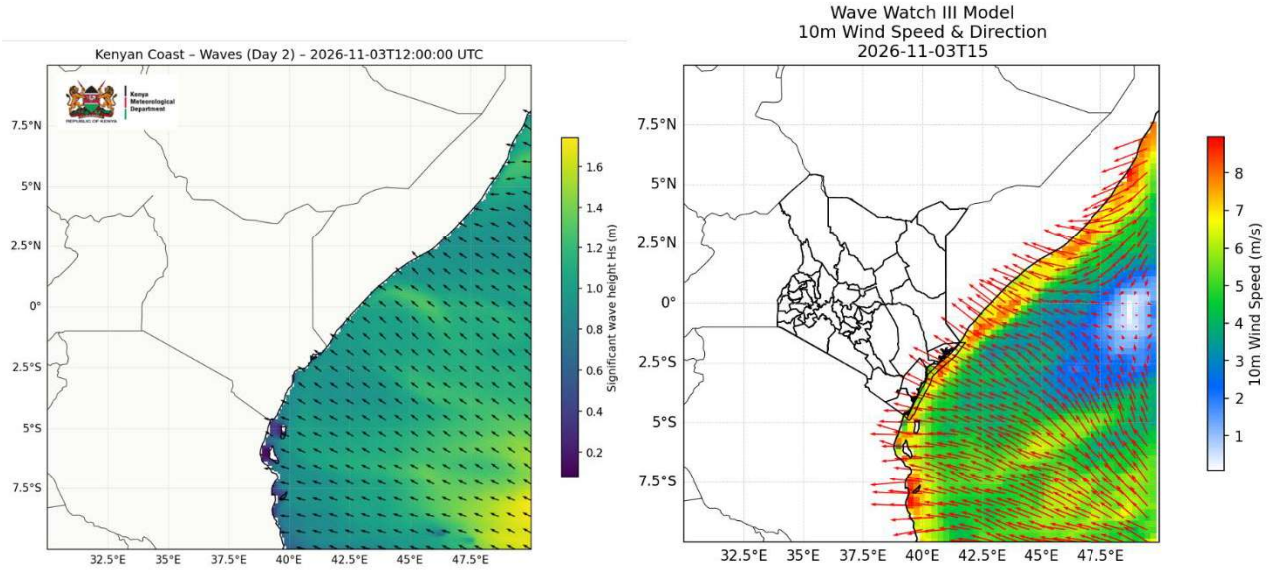
2.1 Monday 02nd November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2m to 1.2m (≈0.6– 3.6ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)



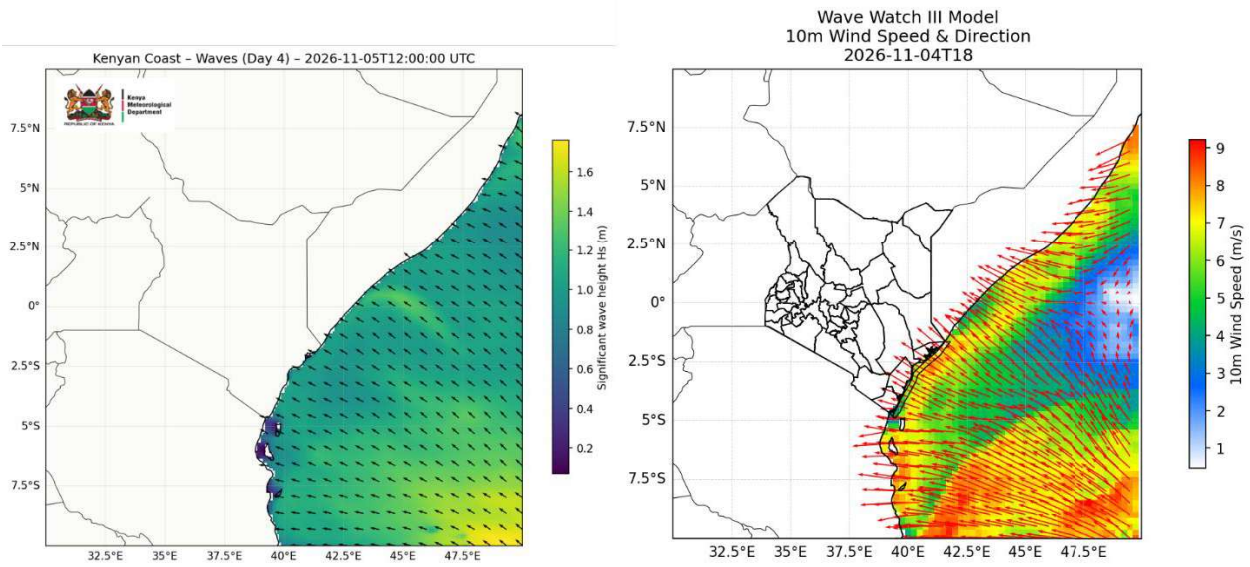
2.2 Tuesday 03rd November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.3 m (≈ 0.6– 3.9ft) 10m Winds: 2-17 knots (≈ 1– 8m.5/s)



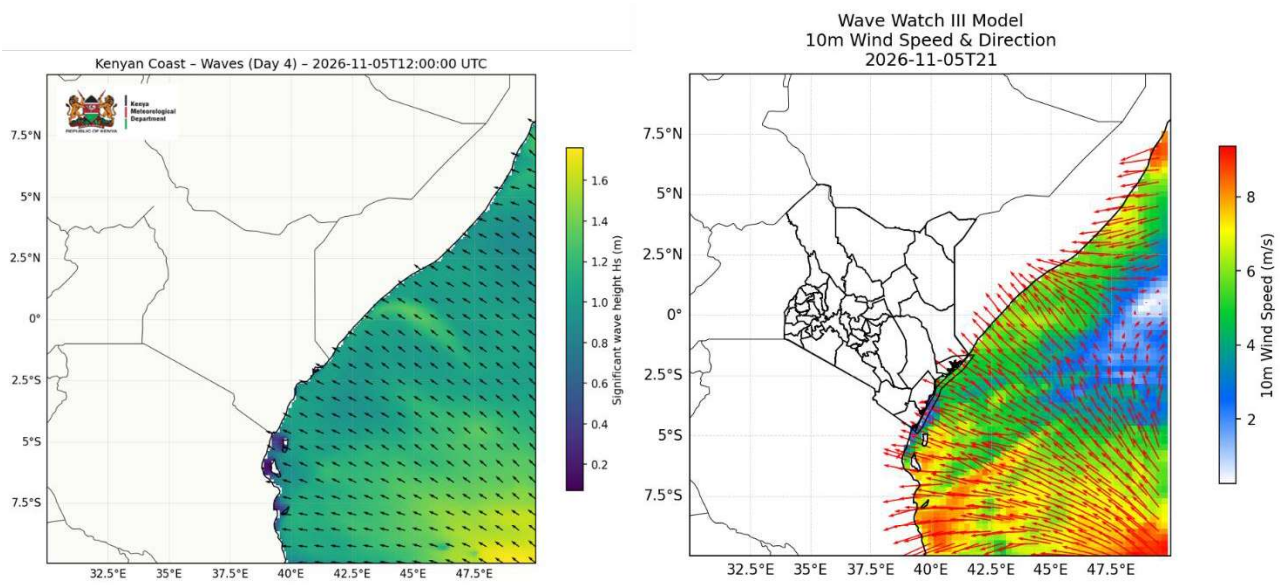
2.3 Wednesday 04th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.5m (≈ 0.6– 4.5ft) 10m Winds: 2-18 knots (≈ 1– 9m/s)



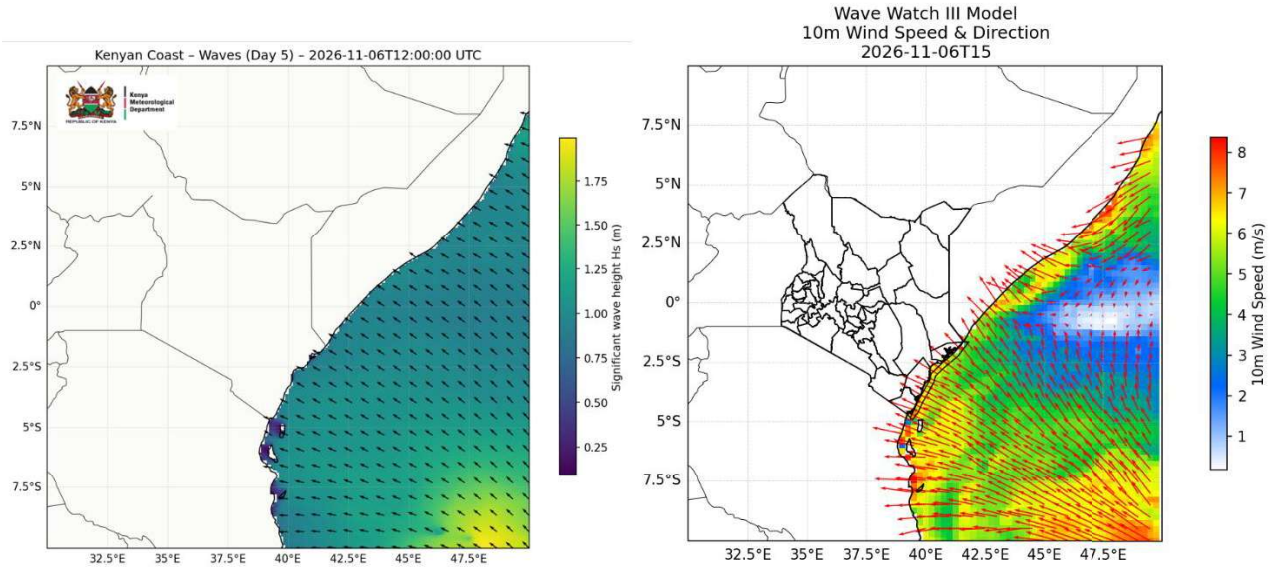
2.4 Thursday 5th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.4 m (≈ 0.2 -4.2ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)



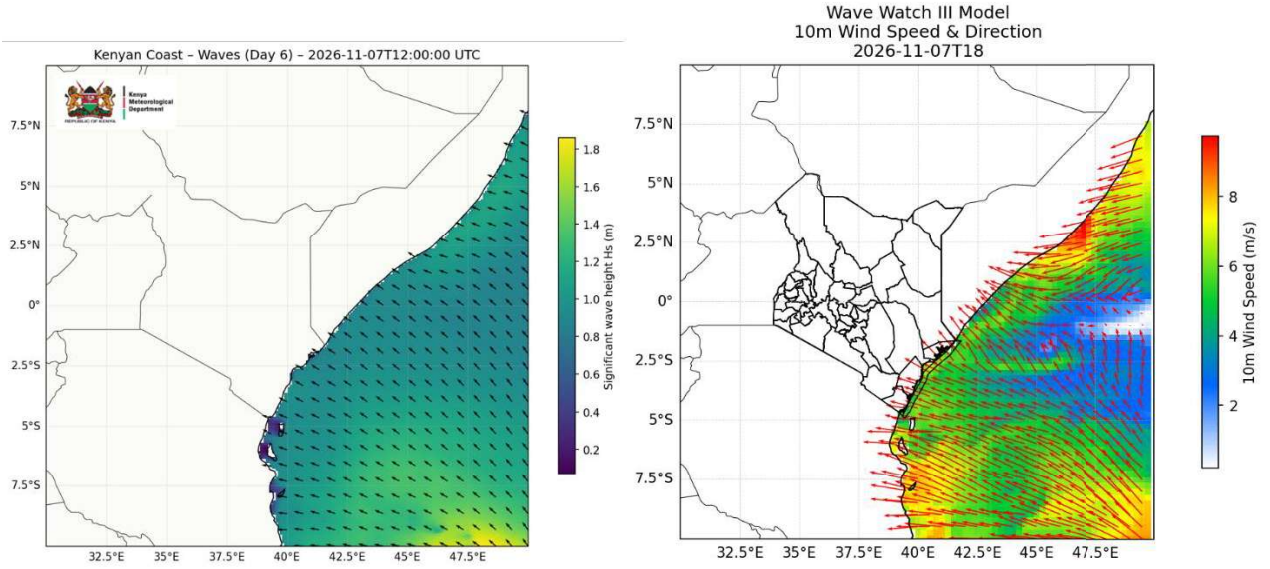
2.5 Friday 6th November 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.4 m (≈ 0.6–4.2ft) 10m Winds: 2-16 knots (≈ 1–8m/s)



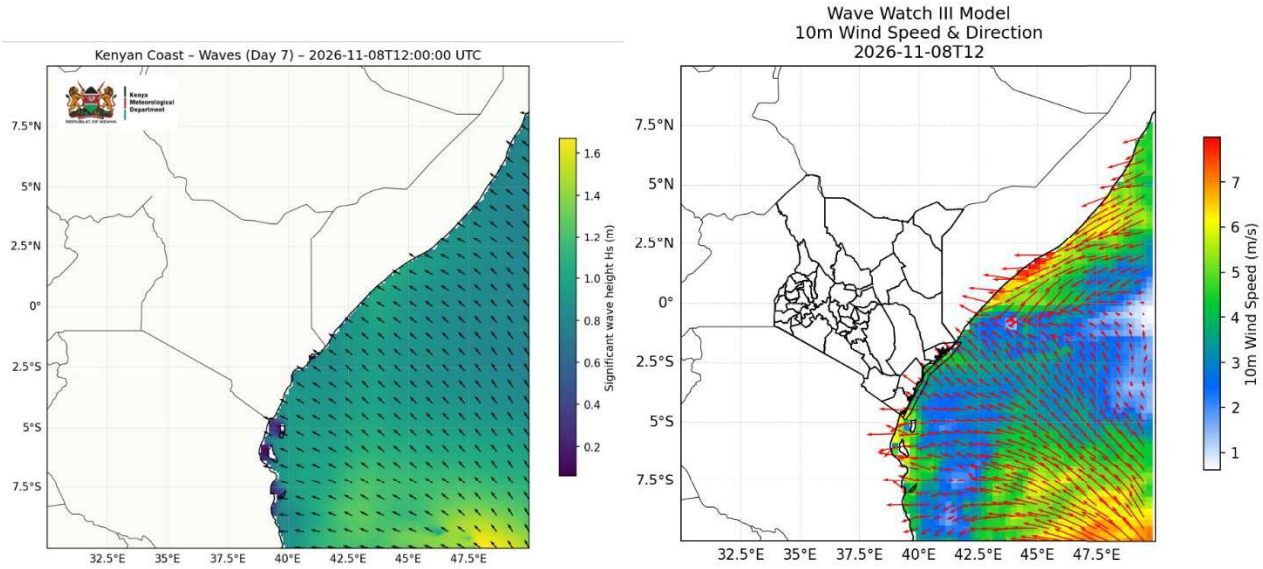
2.6 Saturday 07th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.4 m (≈ 0.6– 4.2ft) 10m Winds: 4-18 knots (≈ 2 –9m/s)



2.7 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 1.2m (≈ 0.6– 3.6ft) 10m Winds: 2-15 knots (≈ 1– 7.5m/s)

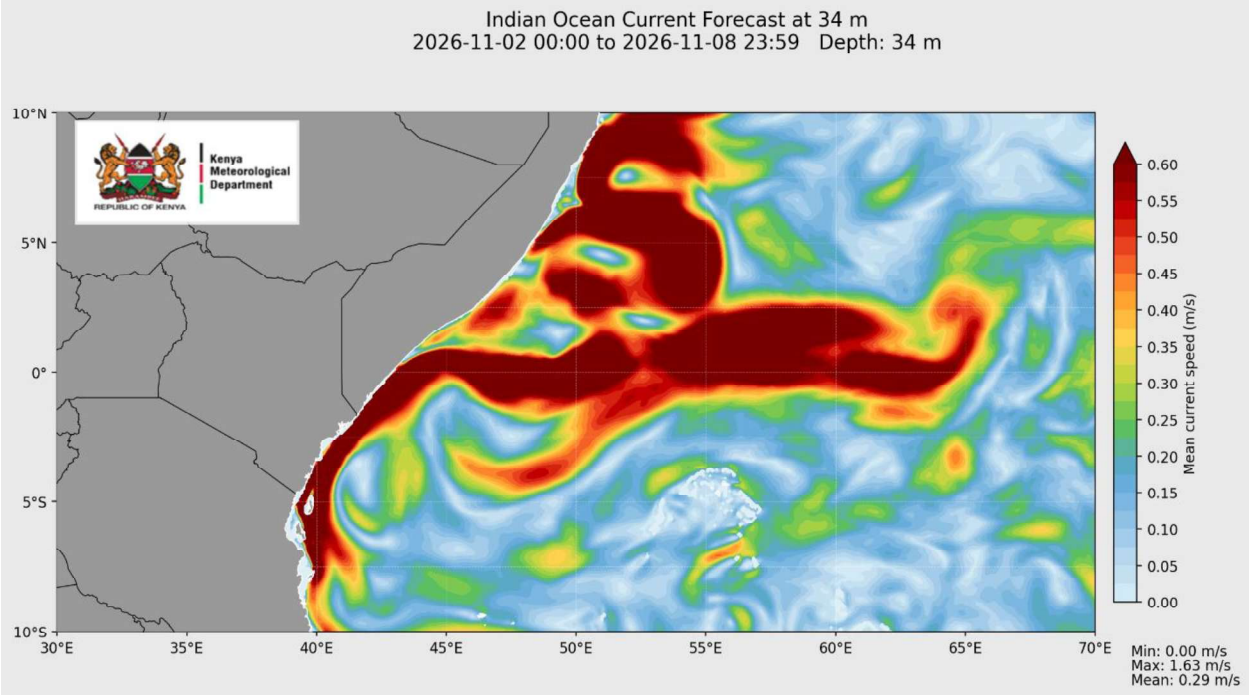


3.0 TIDE FORECAST VALID FROM 2ND NOVEMBER, 2026 TO 08TH NOVEMBER, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Mon 02nd November, 2026	1st Tide	9:22 AM	2.66 m	2:37 AM	1.23m
	2nd Tide	10:42 PM	2.29 m	4:09 PM	1.12 m
Tue 03rd November, 2026	1st Tide	11:11 AM	2.5 m	4:40 AM	1.37m
	2nd Tide			5:52 PM	1.09 m
Wed 04th November, 2026	1st Tide	00:23 AM	2.5 m	6:35 AM	1.21m
	2nd Tide	12:45 PM	2.57 m	07:02 PM	0.94 m
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
Sat 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

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECOND (M/S) FORECAST VALID 02ND NOVEMBER, 2026 TO 08TH 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