



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

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REF.NO: KMD/FCST/07-2026/MARINE/30

Date: Issued on 25th July, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 26/07/2026 - 01/08/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

South-Easterly to South-Westerly winds are expected over Tanzania, Kenya and Somalia waters with wind speeds of 04 to 30 knots (02-15m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

East-south easterly waves are expected over Kenya and Tanzania waters with wave heights of 1.5-2.5m ($\approx$ 0.5-7.5 ft) throughout the forecast period.

South easterly to south-south Easterly waves are expected over Somalia waters with wave heights of 1.5-3.0m ($\approx$ 4.5-9.0 ft) throughout the forecast period

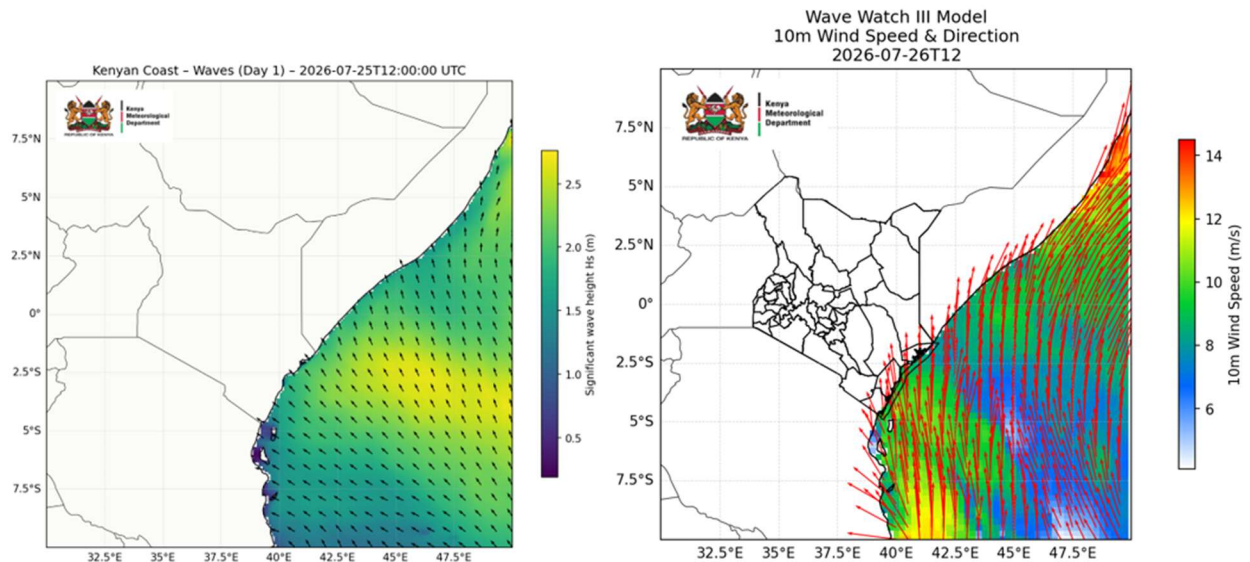
1.3 Sea condition

- Light breeze to strong breeze with wind speeds of 02-15m/s (04 to 30 Knots) expected over Tanzania, Kenya and Somalia waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.5-2.5m ($\approx$ 1.5-7.5 ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 26TH JULY, 2026 TO 01ST AUGUST, 2026.

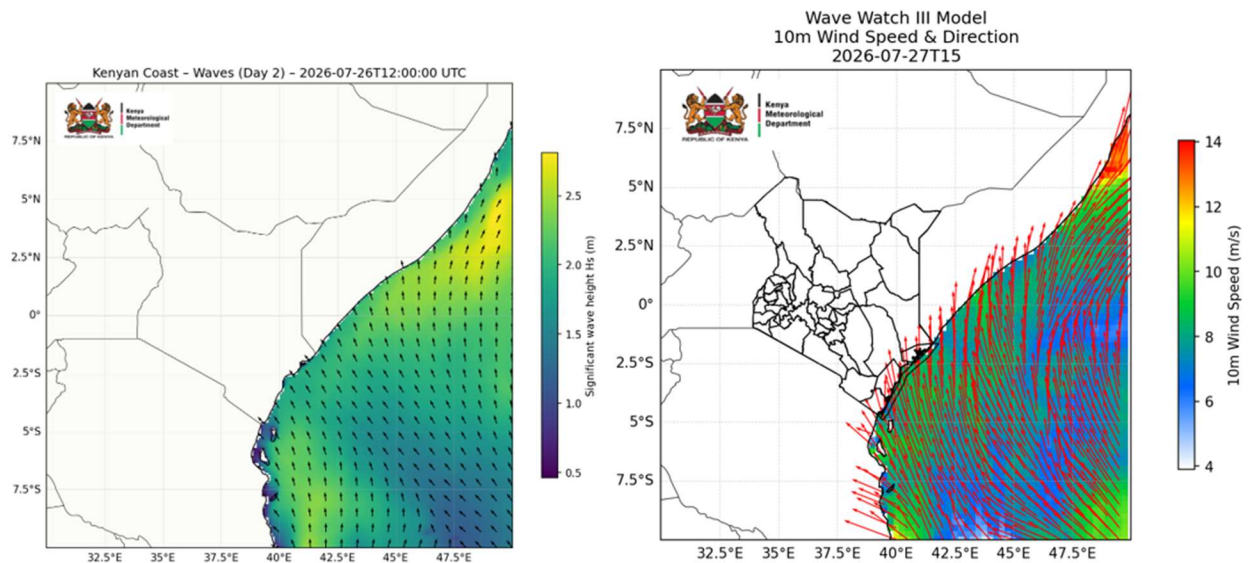
2.1 Sunday 26th July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ($\approx 1.5 - 7.5$ ft) 10m Winds: 08-28 knots ($\approx 04 - 14$ m/s)



2.2 Monday 27th July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

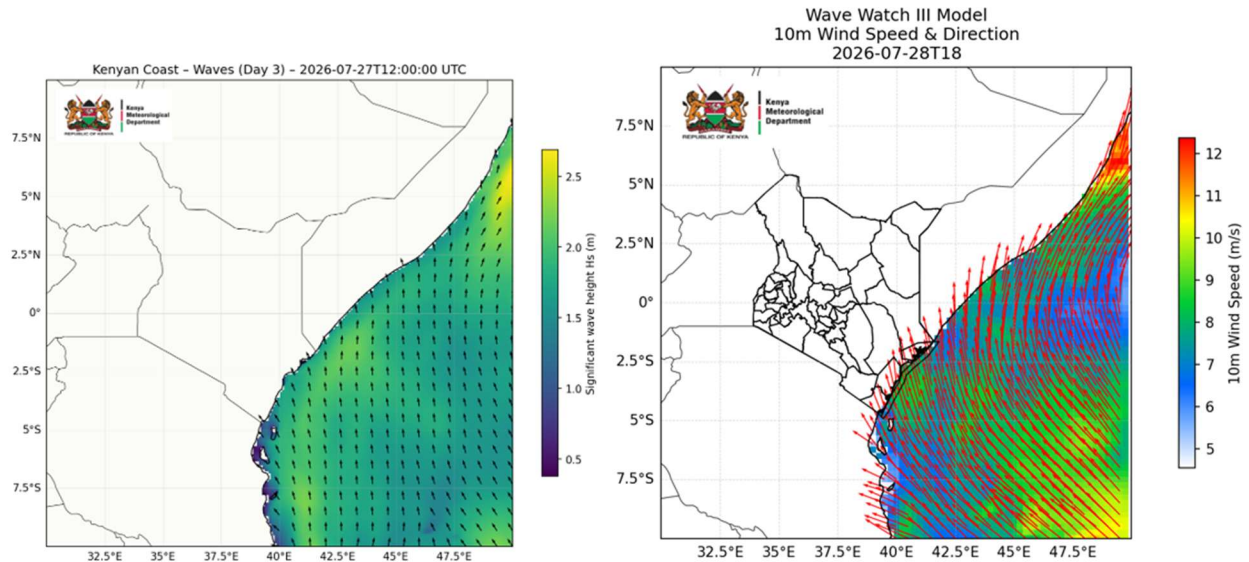
Wave height: 0.5 m to 2.5m ($\approx 1.5 - 7.5$ ft) 10m Winds: 08-28 knots ($\approx 4 - 14$ m/s)



2.3 Tuesday 28th July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ($\approx$ 1.5– 7.5ft)

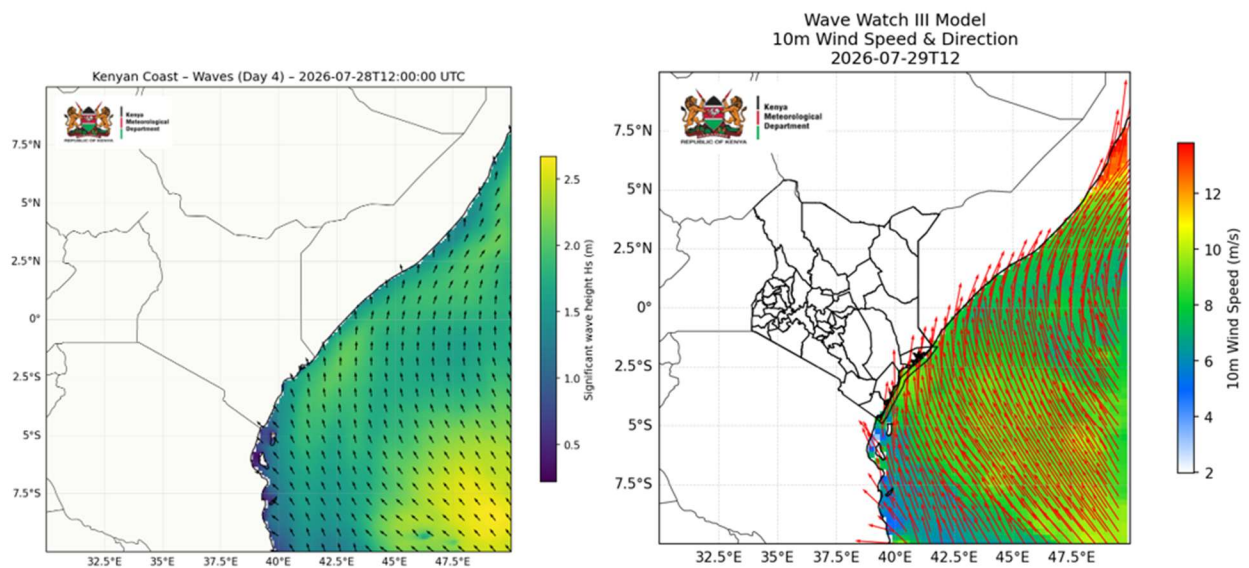
10m Winds: 10-24 knots ($\approx$ 05– 12m/s)



2.4 Wednesday 29th July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5 m ($\approx$ 1.5– 7.5ft)

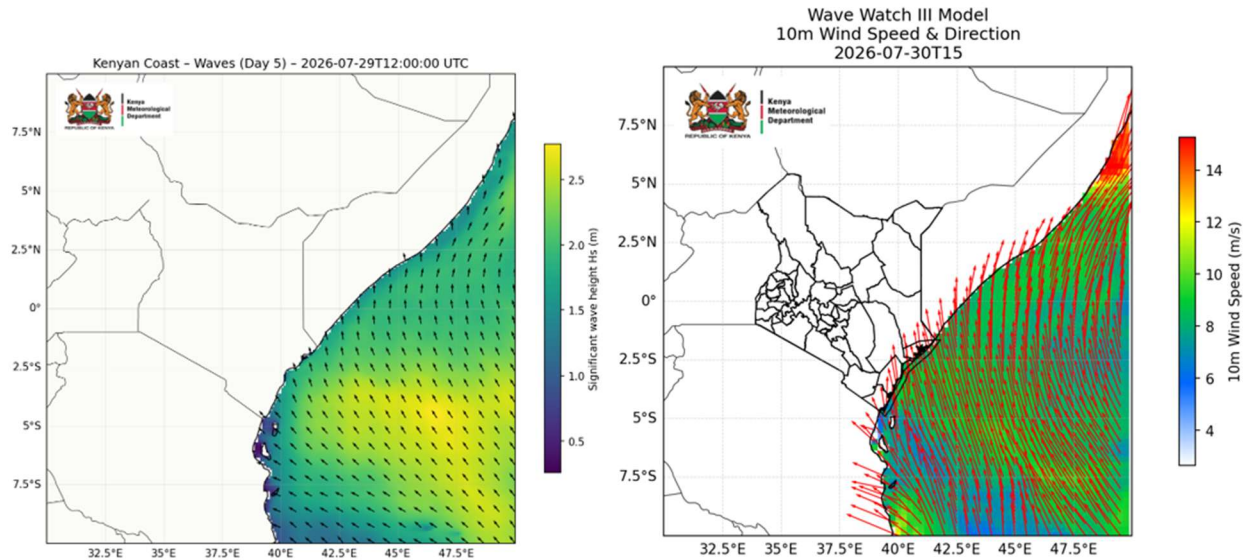
10m Winds: 08-26 knots ($\approx$ 04 – 13m/s)



2.5 Thursday 30th July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 2.5m (≈ 0.6 –7.5ft)

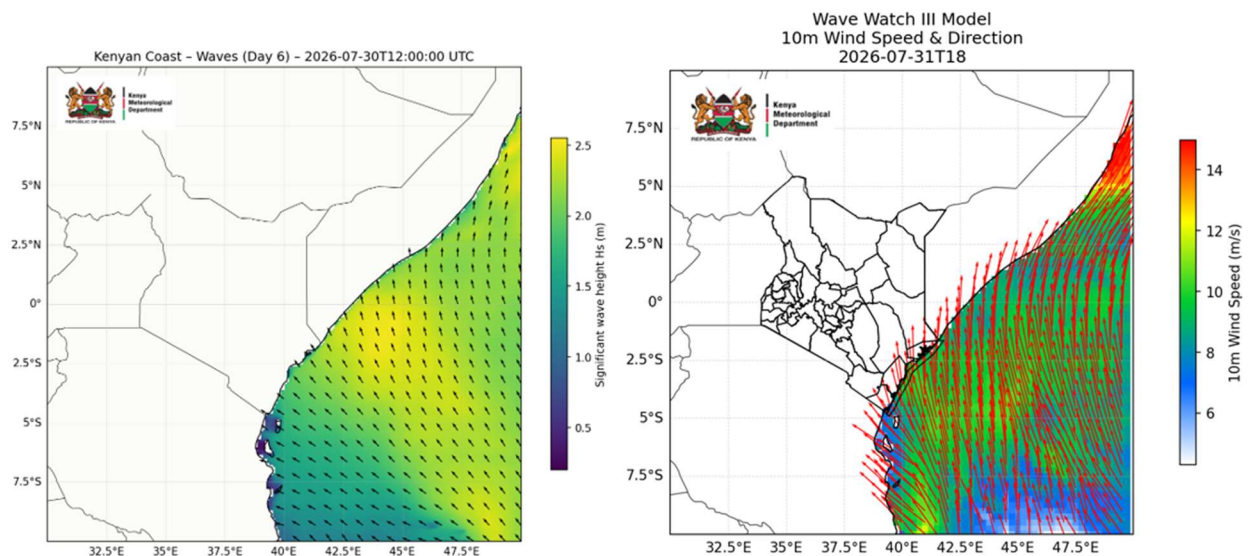
10m Winds: 12-26 knots (≈ 06 –14m/s)



2.6 Friday 31st July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m (≈ 1.5 –7.5ft)

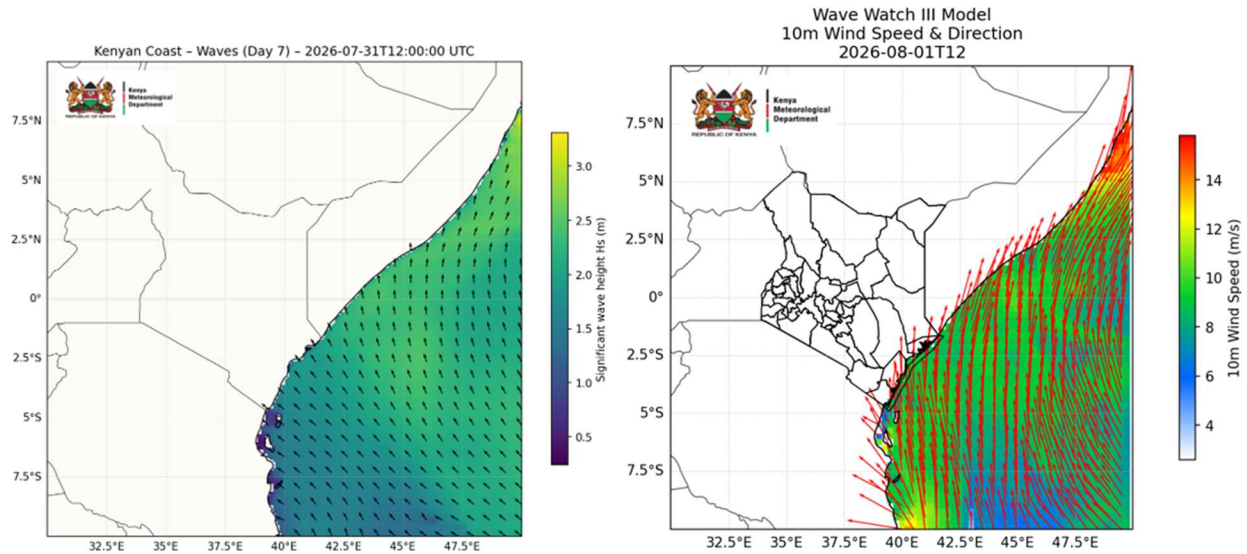
10m Winds: 12-28knots (≈ 06 –14m/s)



2.7 Saturday 01st July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 3.0m ($\approx$ 1.5– 9.0ft)

10m Winds: 08-30 knots ($\approx$ 04 – 15m/s)

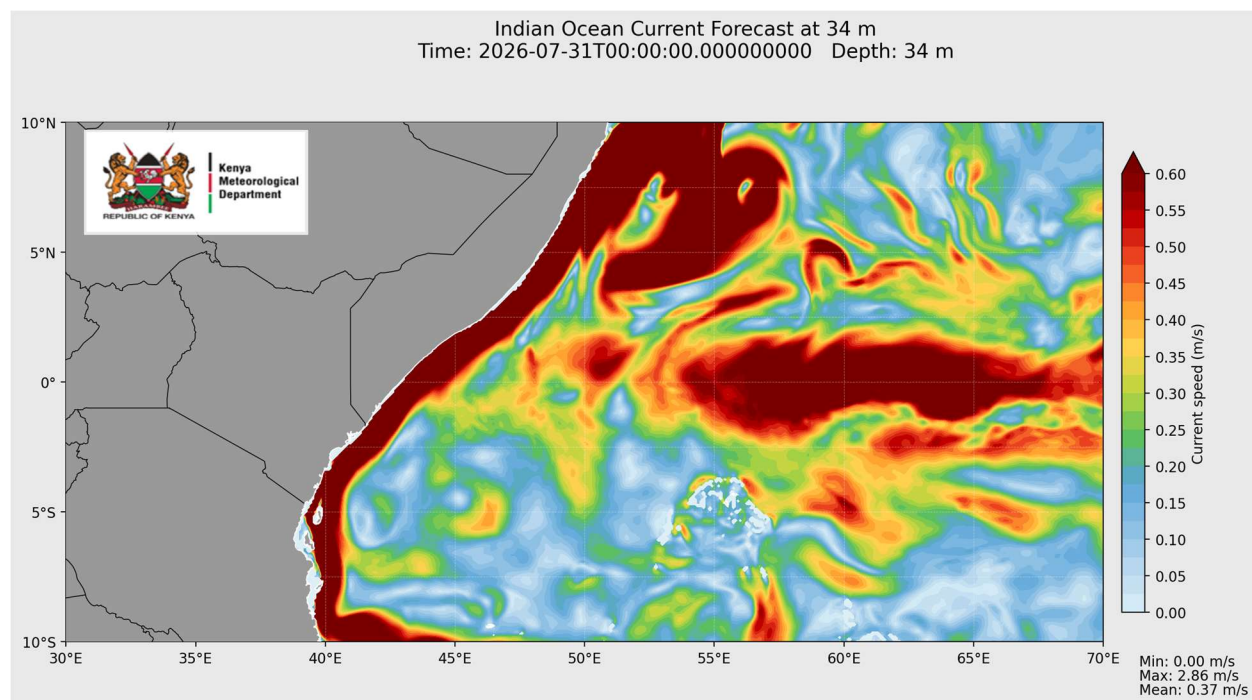


3.0 TIDE FORECAST VALID FROM 26TH JULY, 2026 TO 01ST AUGUST, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Sun 26 th July, 2026	1 st Tide	2:30 AM	2.17 m	7:59 AM	1.25m
	2 nd Tide	2:38 PM	2.84 m	9:15 PM	0.96 m
Mon 27 th July, 2026	1 st Tide	3:18 AM	2.36 m	8:83 AM	1.09 m
	2 nd Tide	3:21 PM	3.21 m	9:51 PM	0.76 m
Tue 28 th July, 2026	1 st Tide	3:55 AM	2.55 m	9:35 AM	0.93 m
	2 nd Tide	3:57 PM	3.18 m	10:23 PM	0.59 m

Wed 29th July, 2026	1st Tide	4:27 AM	2.74 m	10:12 AM	0.78 m
	2nd Tide	4:29 PM	3.31 m	10:51 PM	0.44 m
Thu 30th July, 2026	1st Tide	4:58 AM	2.9 m	10:45 AM	0.65 m
	2nd Tide	5:01 PM	3.39 m	11:19 PM	0.34 m
Fri 31th July, 2026	1st Tide	5:27 AM	3.04 m	11:17 AM	0.56 m
	2nd Tide	5:31 PM	3.43 m	11:46 PM	0.29 m
Sat 01st August, 2026	1st Tide	5:57 AM	3.14 m		
	2nd Tide	6:01 PM	3.39 m	11:49PM	0.51 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 26/07/2026 TO 01/08/2026



KEY ON SEA STATE

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

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Duty Analysts
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For DIRECTOR,
KENYA METEOROLOGICAL DEPARTMENT