



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

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**REF.NO:** KMD/FCST/04-2026/MARINE/18

**Date:** Issued on 27<sup>th</sup> April 2026

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 28/04/2026 - 04/05/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

South-Easterly to South-Westerly ( SE to SW) winds are expected over Somalia, Kenya and Tanzania water with wind speeds of 2 to 20 knots (1-10 m/s) throughout the forecast period.

**1.2 Sig. Wave Height and Direction:**

East South-Easterly to South South-Westerly (ESE to SSW) waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.2 – 2.0 m ( $\approx$  0.6–6.0ft) throughout the forecast period.

**1.3 Sea conditions**

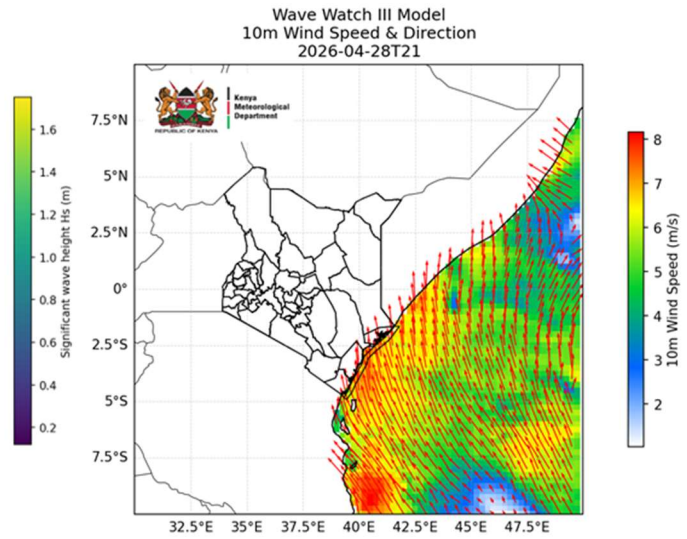
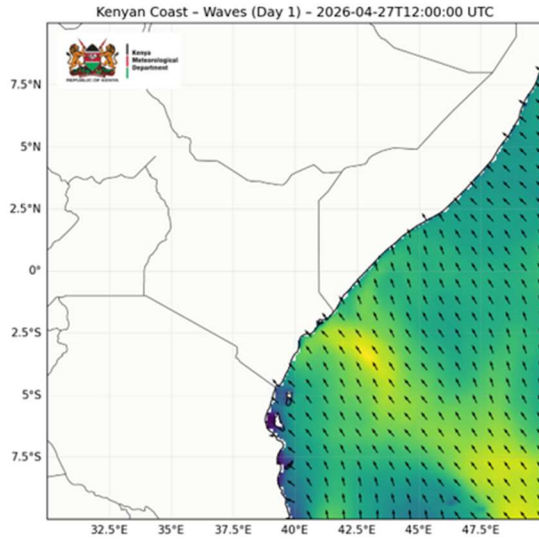
- Slight to moderate sea condition with wave heights of 0.2 - 2.0 m (0.6 - 6.0ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.
- Light breeze to Fresh breeze with wind speeds of 01–10m/s (02 to 20Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 28<sup>TH</sup> APRIL, 2026 TO 4<sup>TH</sup> MAY, 2026.**

**2.1 Tuesday 28<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.6m ( $\approx$  0.6– 5.4ft)

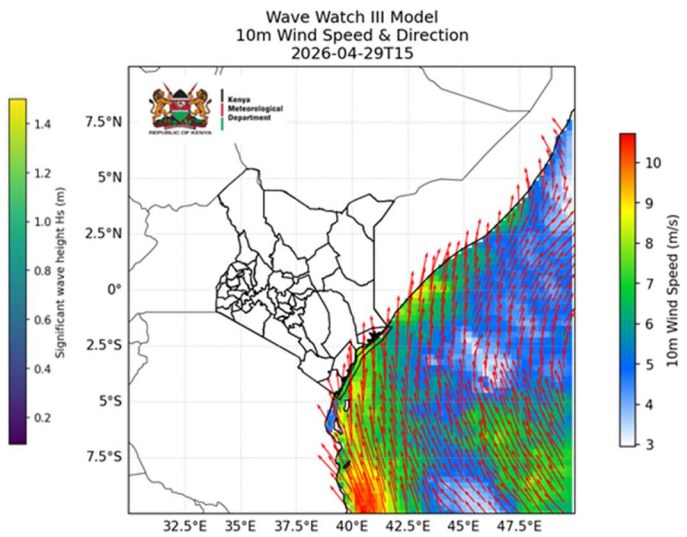
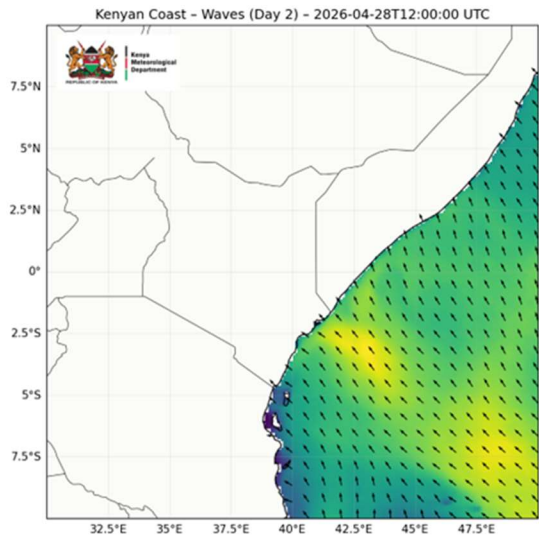
10m Winds: 04-16 knots ( $\approx$  2– 8m/s)



**2.2 Wednesday 29<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

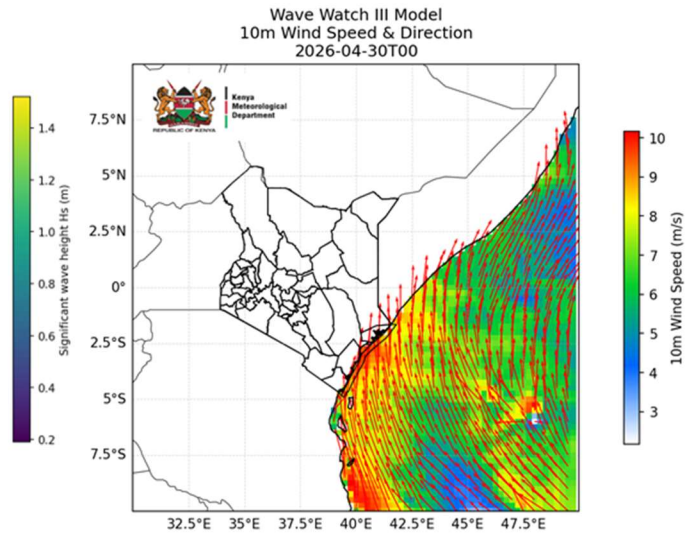
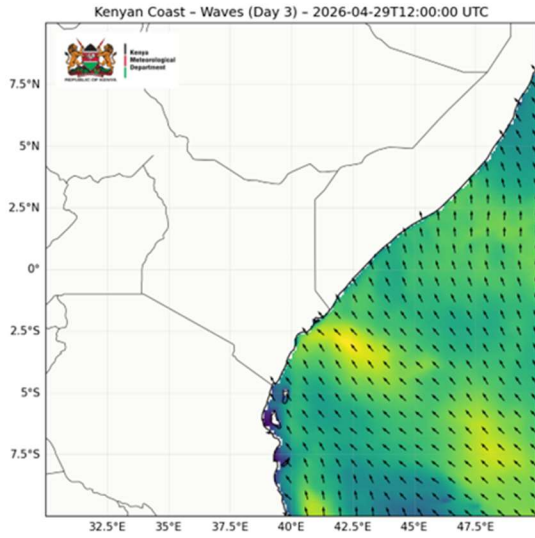
Wave height: 0.2 m to 1.4m ( $\approx$  0.6 - 4.2ft)

10m Winds: 06-20 knots ( $\approx$  3 – 10m/s)



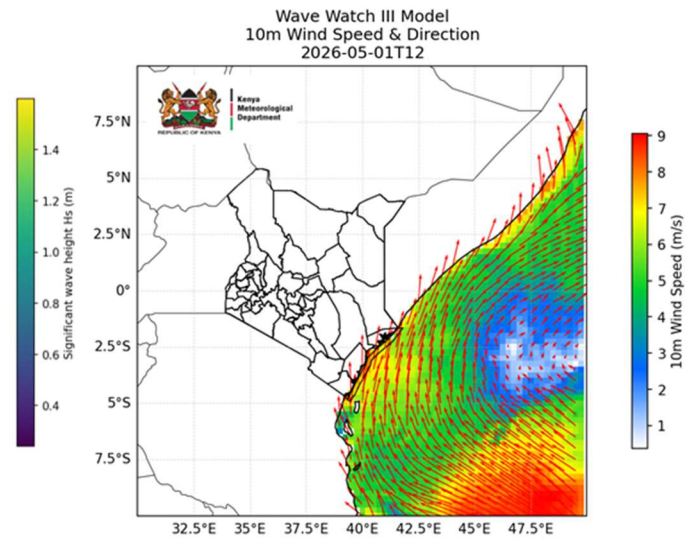
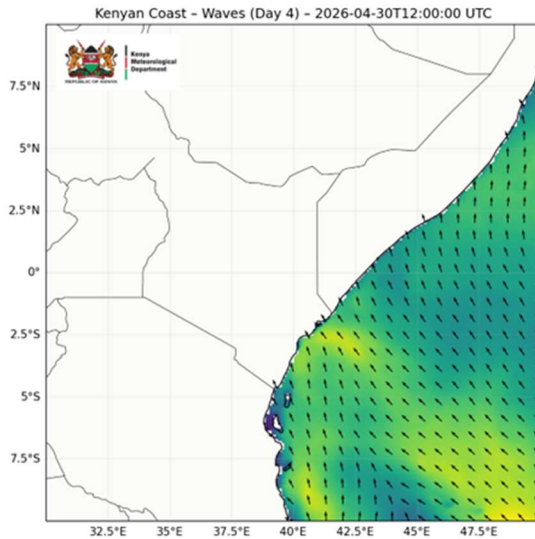
**2.3 Thursday 30<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2m to 1.4m ( $\approx 0.6-4.8$ ft)      10m Winds: 06 -20 knots ( $\approx 3-10$ m/s)



**2.4 Friday 1<sup>st</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

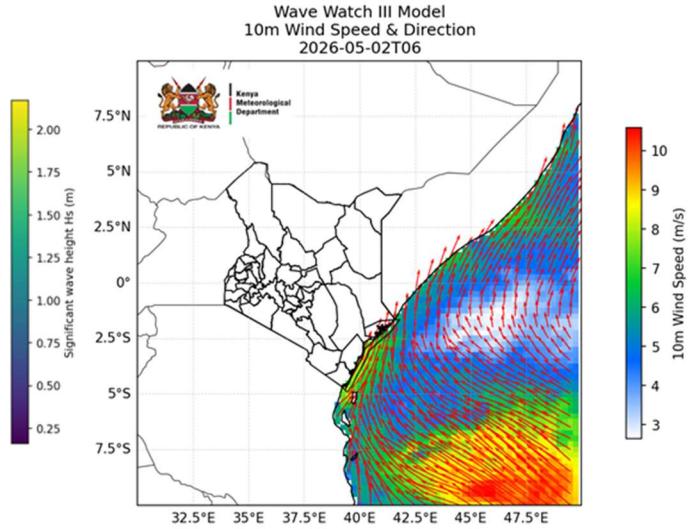
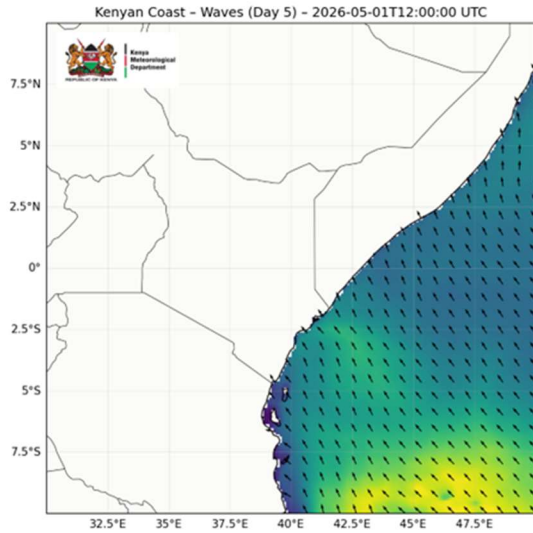
Wave height: 0.4 m to 1.4m ( $\approx 1.2-4.2$ ft)      10m Winds: 02-18knots ( $\approx 1-9$ m/s)



**2.5 Saturday 2<sup>nd</sup> May,2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25 m to 2.0m ( $\approx$  0.75–6.0 ft).

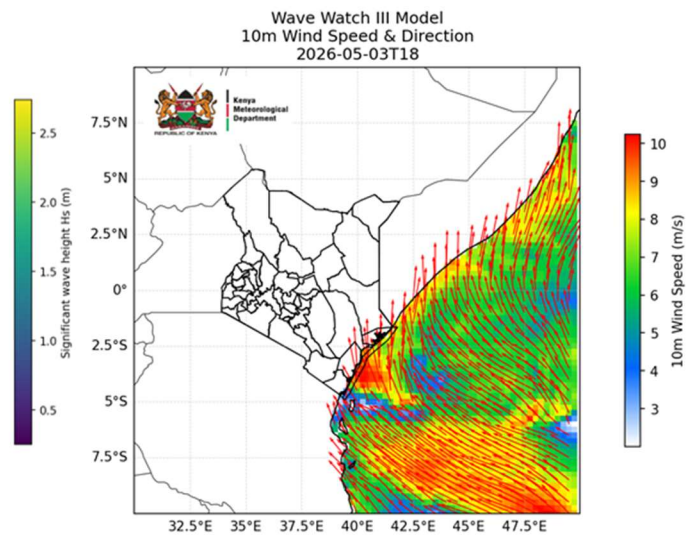
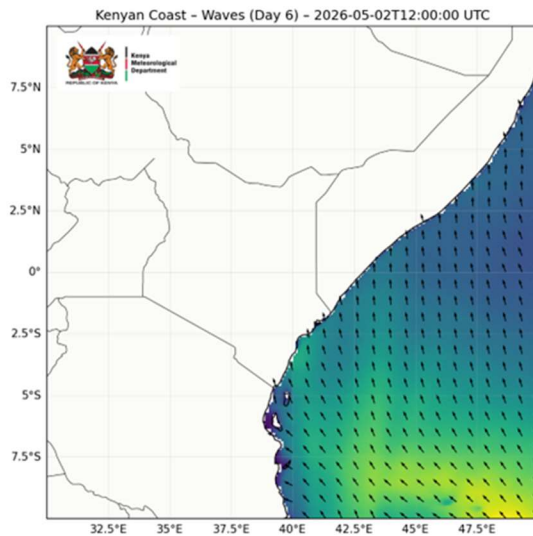
10m Winds: 06-20knots ( $\approx$  3– 10m/s)



**2.6 Sunday 3<sup>rd</sup>,May 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

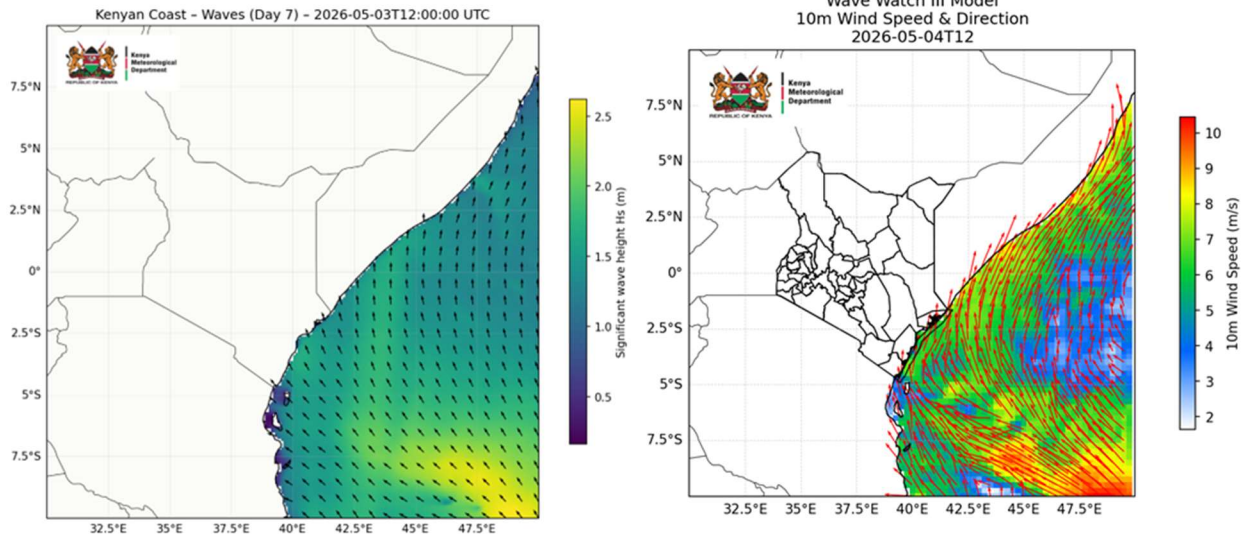
Wave height: 0.5 m to 2.5m ( $\approx$ 1.5– 7.5ft)

10m Winds: 08-22knots ( $\approx$  3 – 10m/s)



**2.7 Monday 4<sup>th</sup> May, 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: 04-20 knots (≈ 2 – 10m/s)

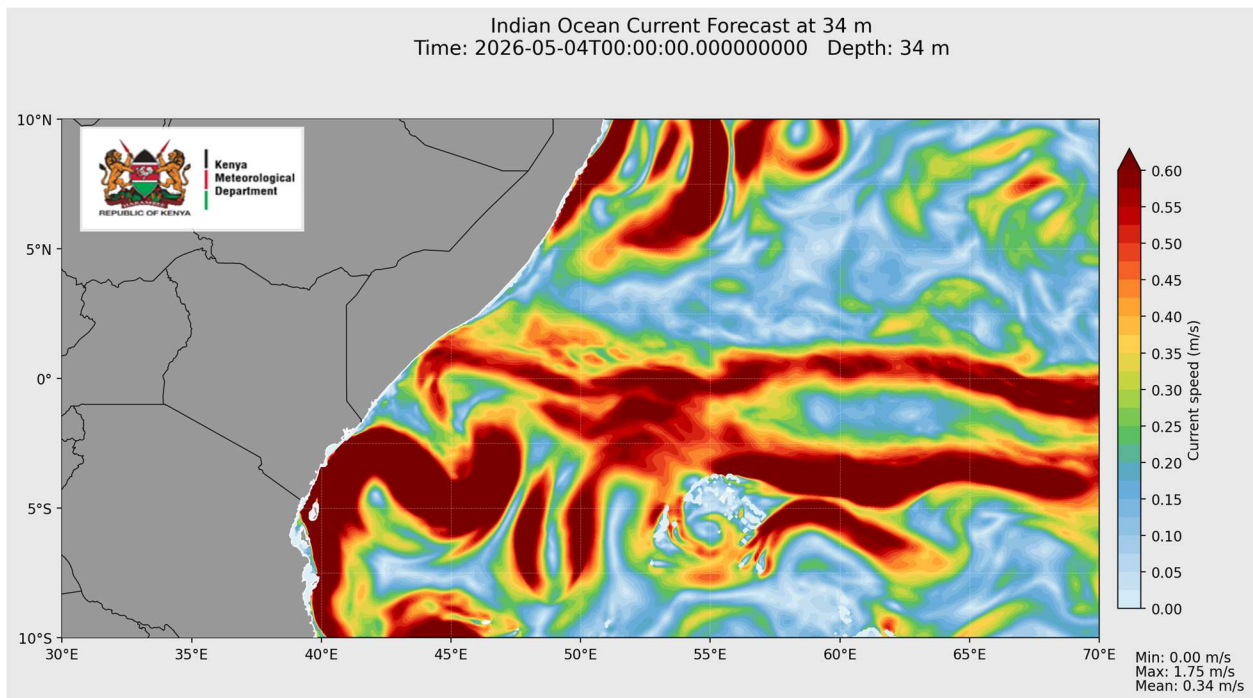


**3.0 TIDE FORECAST VALID FROM 28<sup>th</sup> APRIL, 2026 TO 4<sup>th</sup> MAY, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Tue. 28 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	02:04 AM	3.12 m	08:16 AM	0.84 m
	2 <sup>nd</sup> Tide	02:29 PM	3.46 m	08:46 PM	0.75 m
Wed. 29 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	02:47 AM	3.25 m	08:50 AM	0.67 m
	2 <sup>nd</sup> Tide	03:04 PM	3.68 m	09:21 PM	0.55 m
Thur. 30 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	03:22 AM	3.34 m	09:21 AM	0.55 m
	2 <sup>nd</sup> Tide	03:35 PM	3.83 m	09:52 PM	0.42 m
Fri 1 <sup>st</sup> May, 2026	1 <sup>st</sup> Tide	03:53 AM	3.39 m	09:50 AM	0.48 m
	2 <sup>nd</sup> Tide	04:03 PM	3.91 m	10:22 PM	0.36 m

<b>Sat 2<sup>nd</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:21 AM	3.39 m	10:19 AM	0.46 m
	<b>2<sup>nd</sup> Tide</b>	04:30 PM	3.92 m	10:51 PM	0.35 m
<b>Sun 3<sup>rd</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:49 AM	3.36 m	10:47 AM	0.51 m
	<b>2<sup>nd</sup> Tide</b>	04:57 PM	3.87 m	11:20 PM	0.42 m
<b>Mon 4<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	05:16 AM	3.28 m	11:16 AM	0.60 m
	<b>2<sup>nd</sup> Tide</b>	05:25 PM	3.77 m	11:50 PM	0.53 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID  
28/04/2026 TO 04/05/2026**



## 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.*

Mr. K.Langat.

**FOR DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**