



**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 29<sup>th</sup> April, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 30/04/2026 - 06/05/2026**

**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 **6 to 22 knots (3-11 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 – 2.25 m (≈ 0.6– 6.75 ft)** throughout the forecast period.

**1.3 Sea conditions**

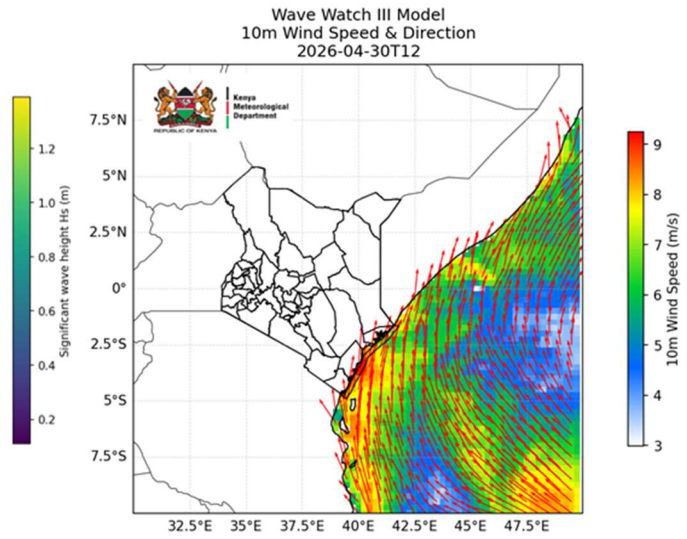
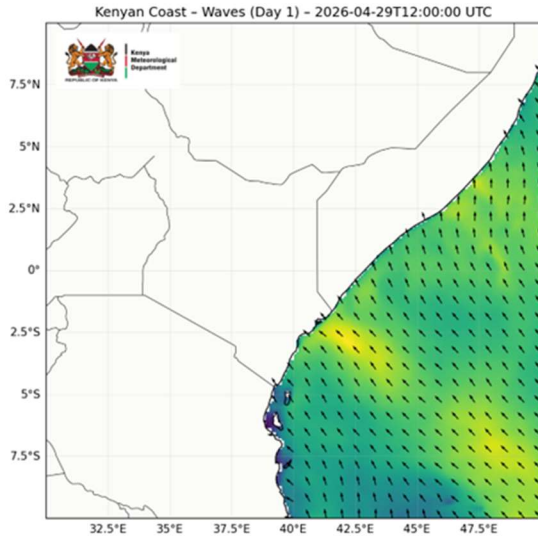
- **Slight to moderate sea condition with wave heights of 0.2 - 2.25 m (0.6 - 6.75 ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**
- **Light breeze to Strong breeze with wind speeds of 03–11 m/s (06 to 22 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.**

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 30<sup>TH</sup> APRIL, 2026 TO 6<sup>TH</sup> MAY, 2026.**

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

Wave height: 0.2 m to 1.2m ( $\approx$  0.6– 3.6ft)

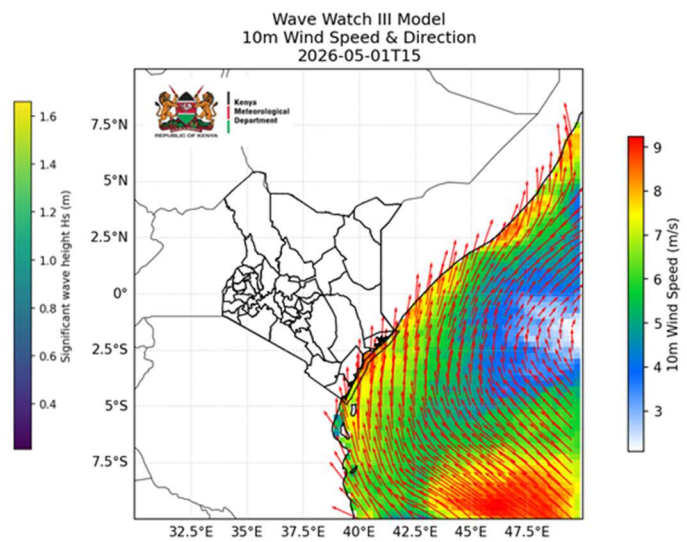
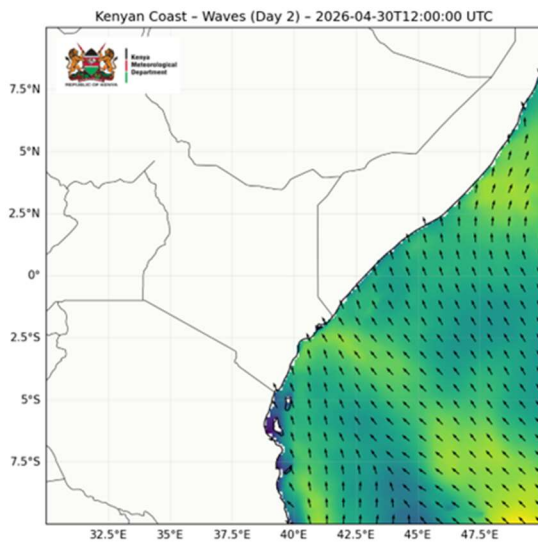
10m Winds: 06-20 knots ( $\approx$  3– 10m/s)



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

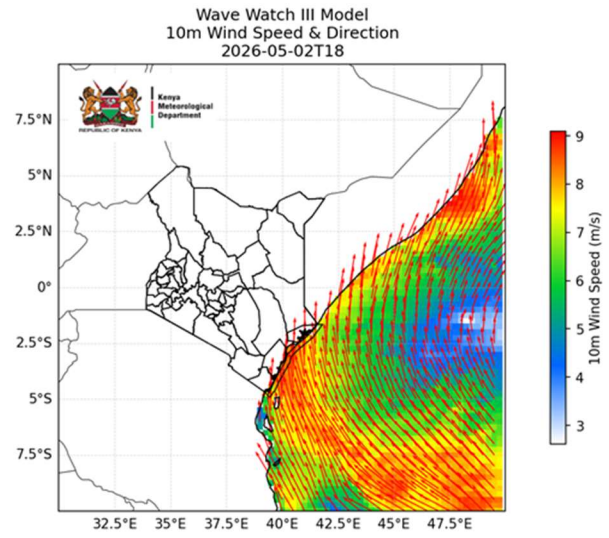
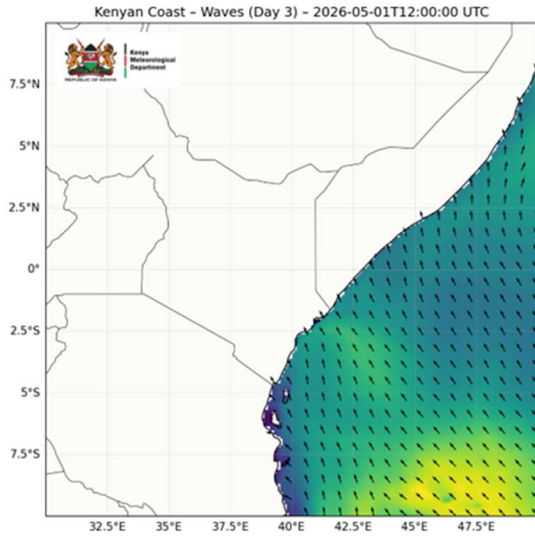
Wave height: 0.4 m to 1.6m ( $\approx$  1.2 - 5.4ft)

10m Winds: 06-18 knots ( $\approx$  3 – 9m/s)



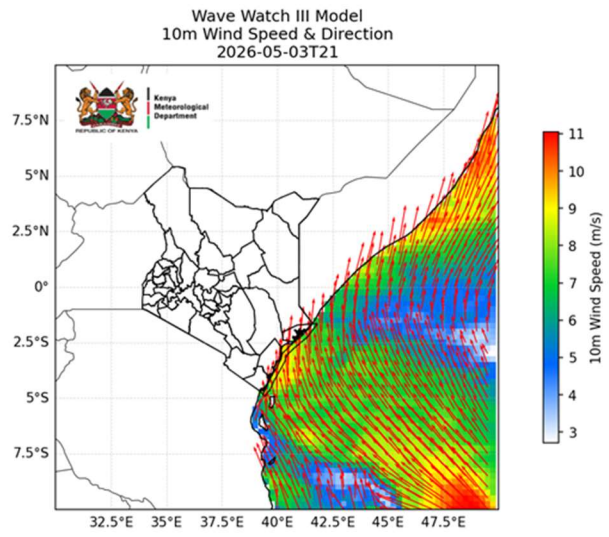
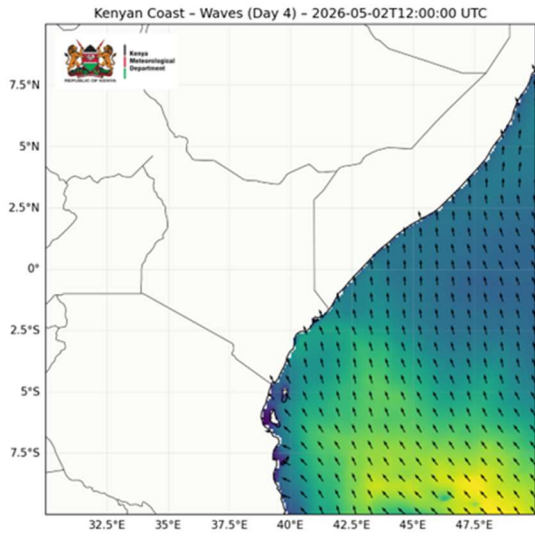
**2.3 Saturday 2<sup>nd</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25m to 2.0m ( $\approx 0.75-6.0$ ft) 10m Winds: 06 -18 knots ( $\approx 3-9$ m/s)



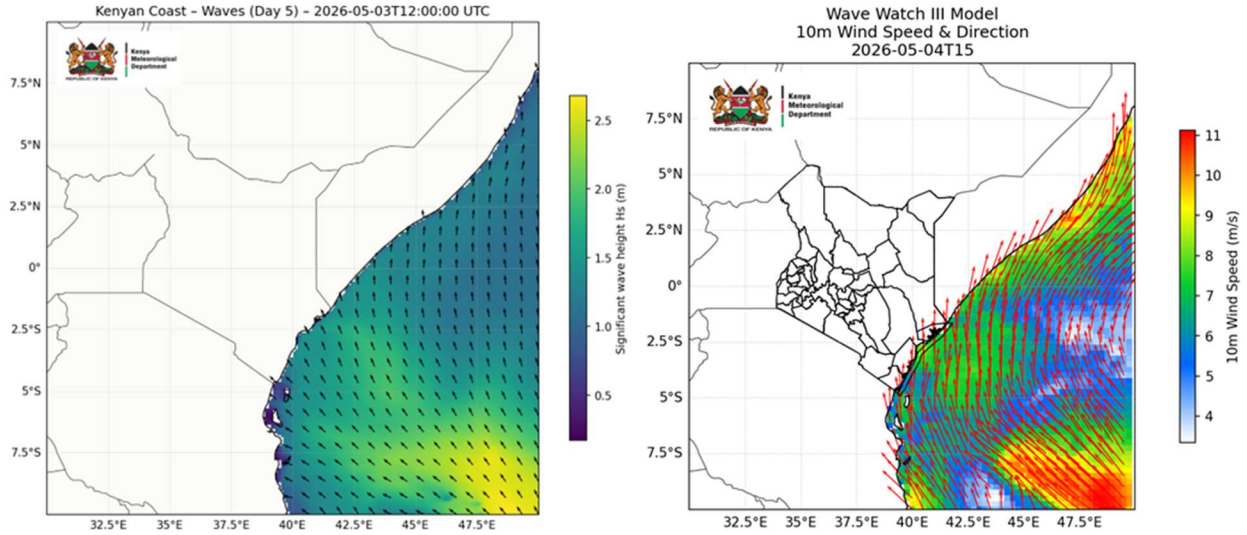
**2.4 Sunday 3<sup>rd</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25 m to 2.25m ( $\approx 0.75-6.75$ ft) 10m Winds: 02-18knots ( $\approx 3-11$ m/s)



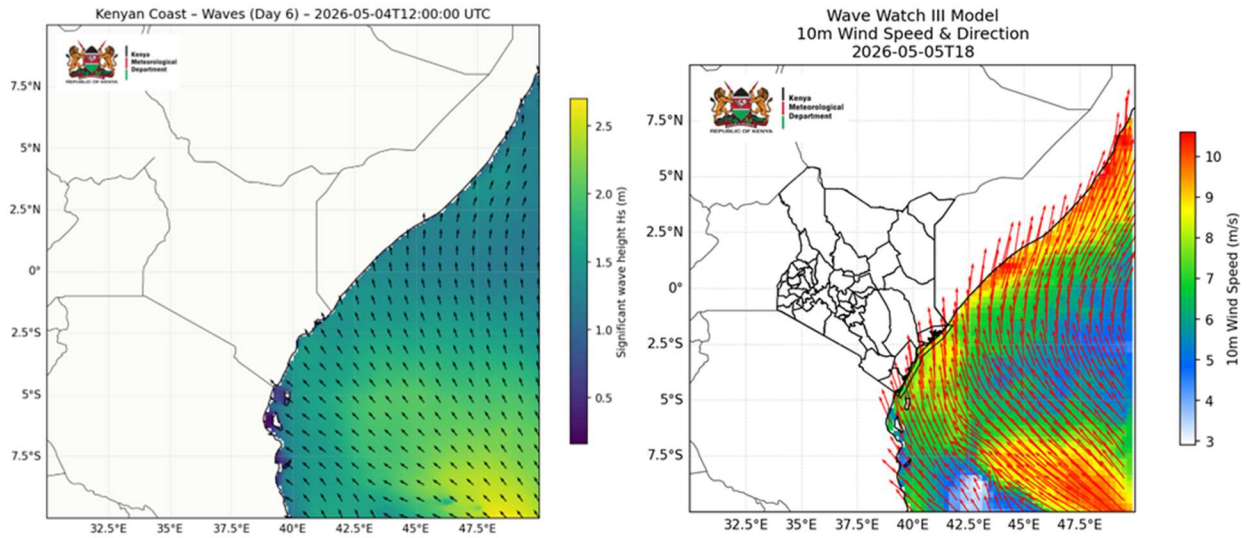
**2.5 Monday 4<sup>th</sup> May,2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.5 m to 2.5m (≈ 1.5–7.5 ft). 10m Winds: 08-22knots (≈ 4– 11m/s)



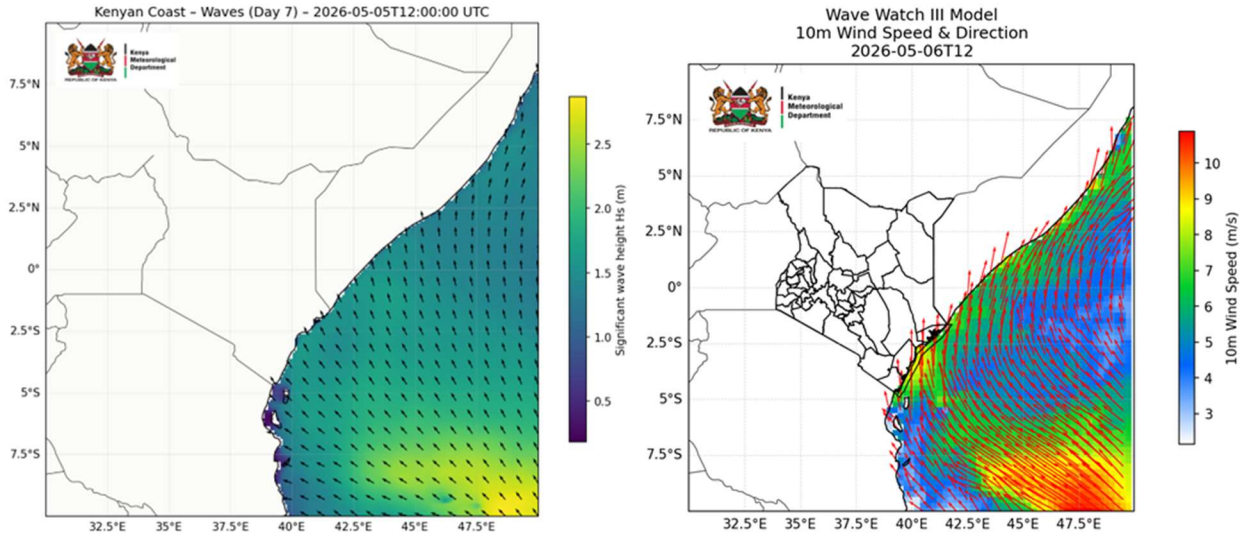
**2.6 Tuesday 5<sup>th</sup>, May 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.5 m to 2.5m (≈1.5– 7.5ft) 10m Winds: 06-20knots (≈ 3 – 10m/s)



**2.7 Wednesday 6<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: 06-20 knots (≈ 3 – 10m/s)

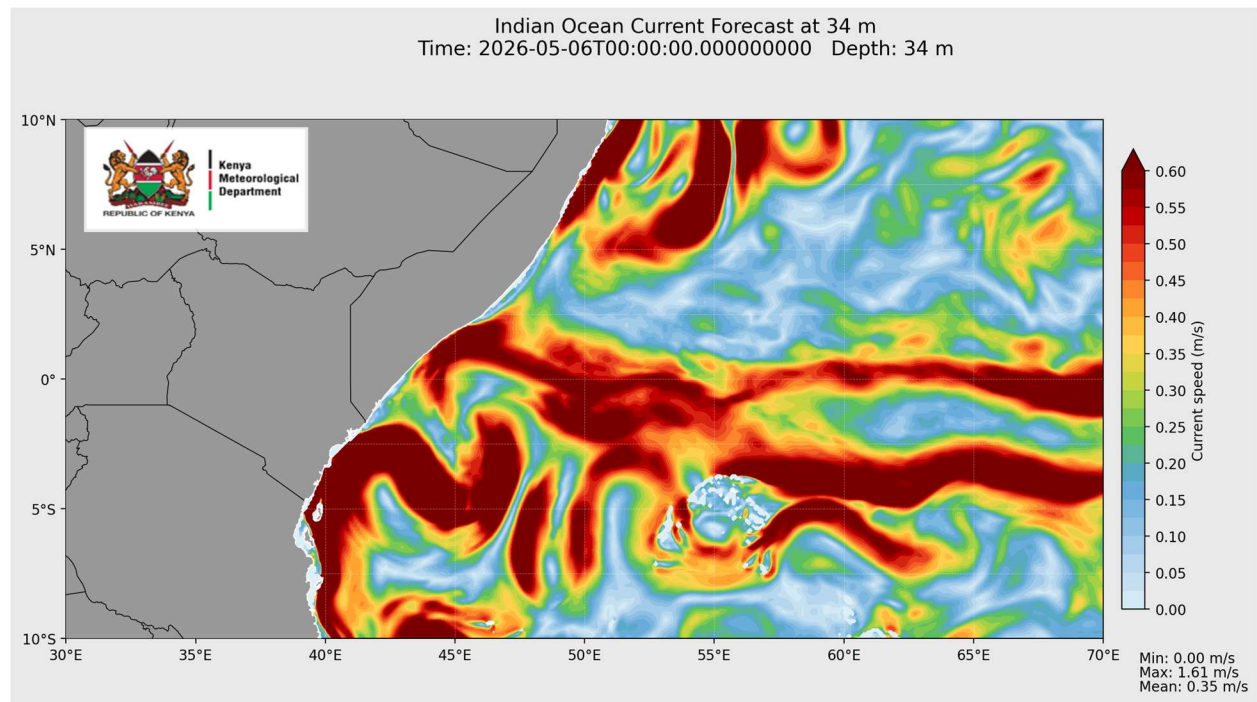


**3.0 TIDE FORECAST VALID FROM 30<sup>th</sup> APRIL, 2026 TO 6<sup>th</sup> MAY, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Thu 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
Sat 2 <sup>nd</sup> May, 2026	1 <sup>st</sup> Tide	04:21 AM	3.39 m	10:19 AM	0.46 m
	2 <sup>nd</sup> Tide	04:30 PM	3.92 m	10:51 PM	0.35 m
Sun 3 <sup>rd</sup> May, 2026	1 <sup>st</sup> Tide	04:49 AM	3.36 m	10:47 AM	0.51 m
	2 <sup>nd</sup> Tide	04:57 PM	3.87 m	11:20 PM	0.42 m
Mon 4 <sup>th</sup> May, 2026	1 <sup>st</sup> Tide	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
<b>Tue 5<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	05:45 AM	3.16 m	11:44 AM	0.74 m
	<b>2<sup>nd</sup> Tide</b>	05:54 PM	3.63 m		
<b>Wed 6<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	06:17 AM	3.00 m	12:21 AM	0.69 m
	<b>2<sup>nd</sup> Tide</b>	06:26 PM	3.44 m	12:14 PM	0.93 m

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 30/04/2026 TO 06/05/2026



## 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**