



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

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**REF.NO: KMD/FCST/06-2026/MARINE/25**

**Date: Issued on 16<sup>th</sup> June, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 17/06/2026 - 23/06/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

South-Easterly to South-Westerly winds are expected over Somalia and Tanzania waters with wind speeds of **04 to 28 knots (02-14 m/s)** throughout the forecast period.

South-Easterly to South-Westerly winds are expected over Kenya waters with wind speeds of **04 to 20 knots (02-10 m/s)** throughout the forecast period.

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

South-Easterly to South south-westerly waves are expected over Somalia, waters with wave heights of **1.75-2.5m ( $\approx$  5.25-7.5ft)** throughout the forecast period.

East south-easterly to South South-easterly waves are expected over Kenya, and Tanzania waters with wave heights of **0.4-2.5m ( $\approx$  1.2-7.5ft)** throughout the forecast period.

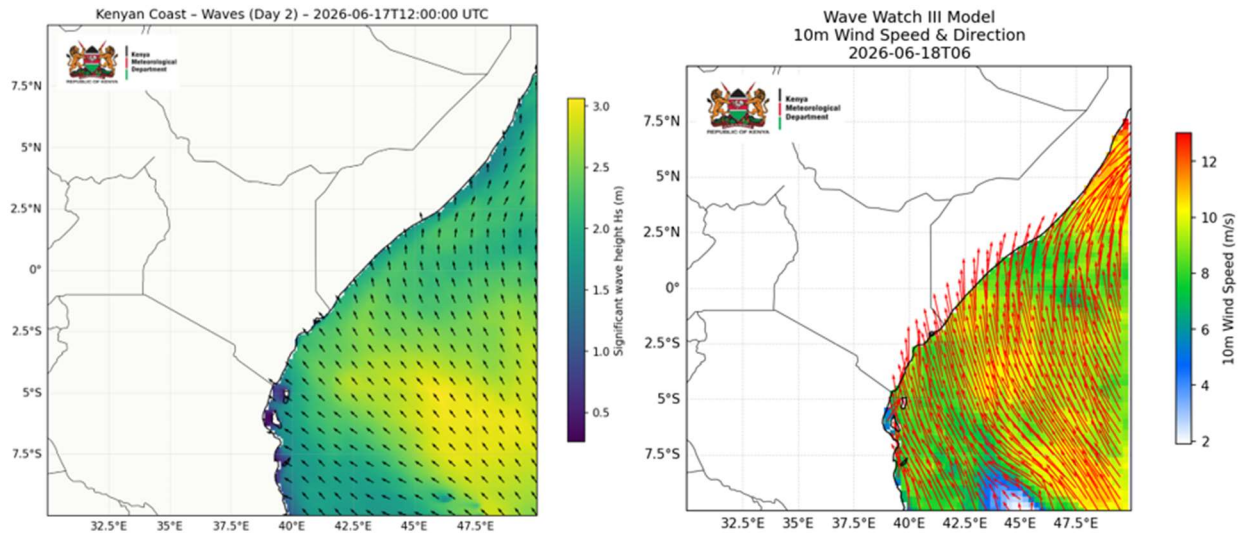
**1.3 Sea condition**

- **Light breeze to strong breeze with wind speeds of 02-14m/s (04 to 28 Knots) expected over Somalia and Tanzania waters throughout the forecast period.**
- **Light breeze to fresh breeze with wind speeds of 2-10m/s (04 to 20 Knots) expected over Kenya waters throughout the forecast period.**
- **Slight to Rough Sea condition with wave heights of 0.4-2.5m ( $\approx$  1.5-7.5ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 17<sup>TH</sup> JUNE, 2026 TO 23<sup>RD</sup> JUNE, 2026.

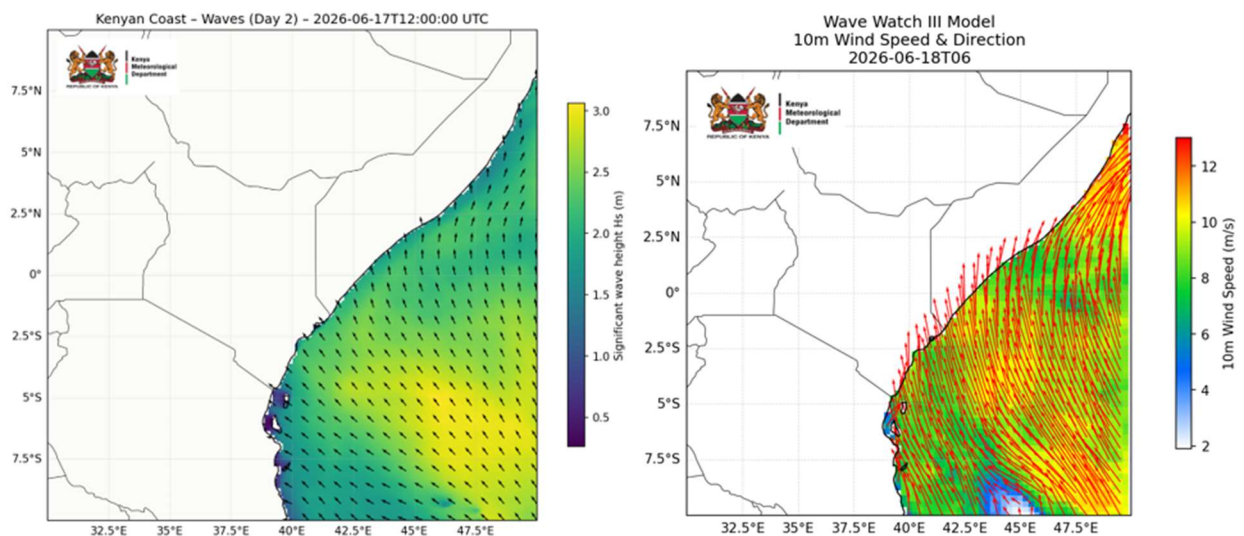
### 2.1 Wednesday 17<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.5m ( $\approx$  1.2– 7.5ft)      10m Winds: 04-28knots ( $\approx$  2 – 12m/s)



### 2.2 Thursday 18<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

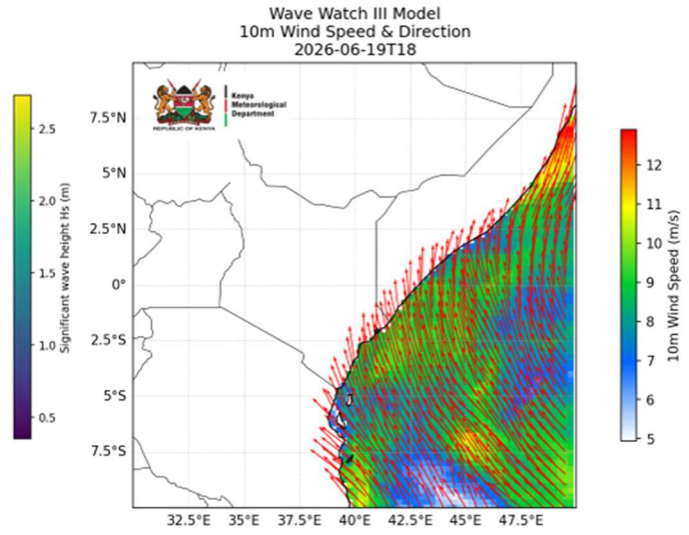
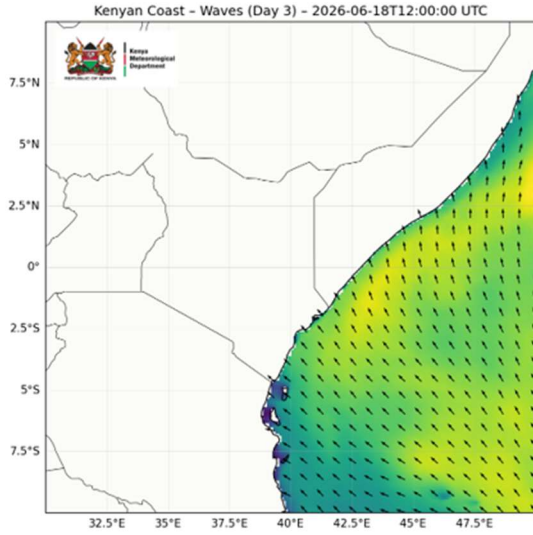
Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)      10m Winds: 04-24 knots ( $\approx$  2 – 12m/s)



### 2.3 Friday 19<sup>th</sup> June, 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)

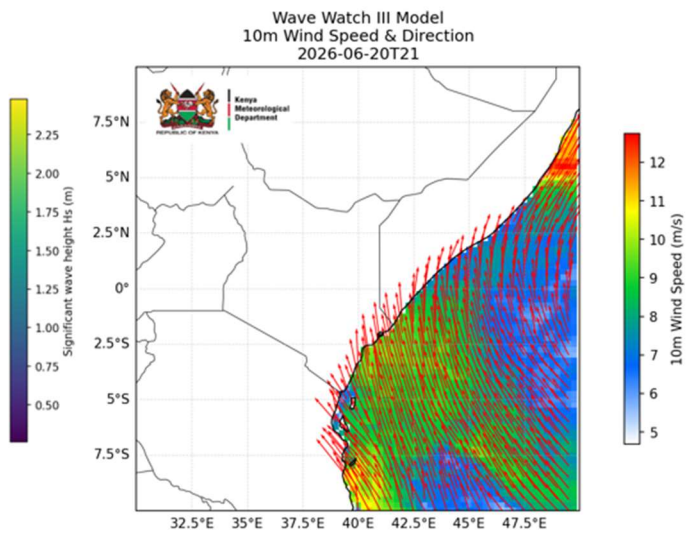
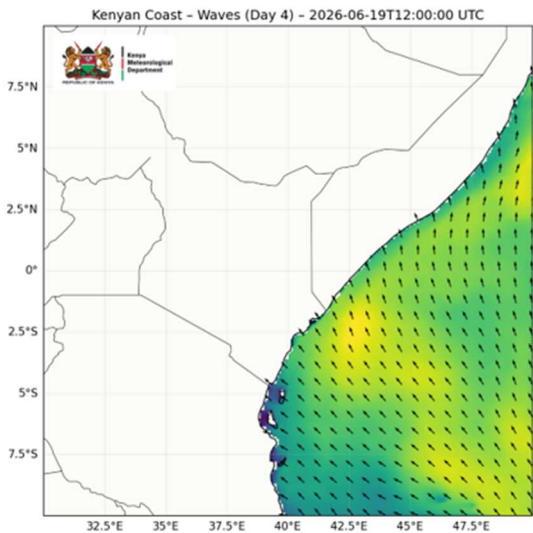
10m Winds: 10-24 knots ( $\approx$  5– 12 m/s)



### 2.4 Saturday 20<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

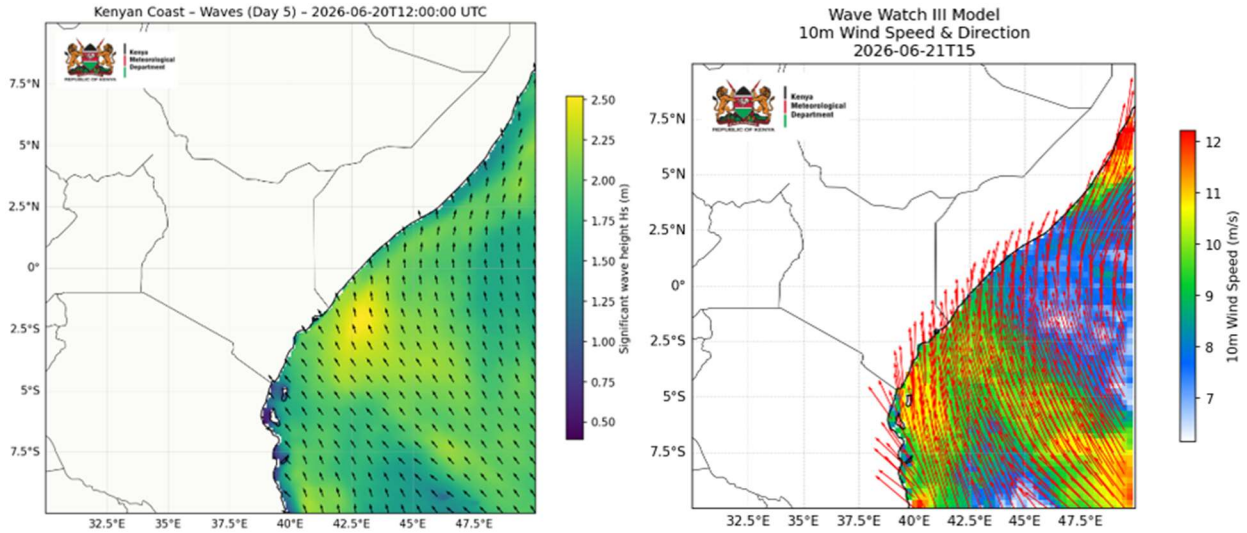
Wave height: 0.5 m to 2.25m ( $\approx$  1.5– 6.75ft)

10m Winds: 10-24 knots ( $\approx$  5– 12 m/s)



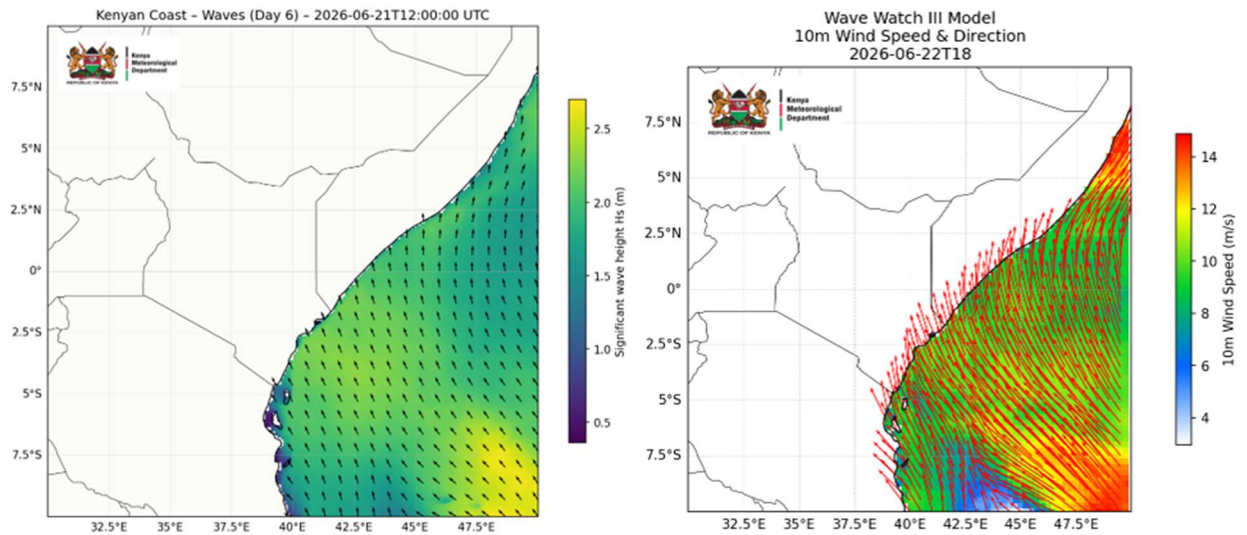
## 2.5 Sunday 21<sup>st</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)      10m Winds: 14 -24 knots ( $\approx$  7– 12m/s)



## 2.6 Monday 22<sup>nd</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

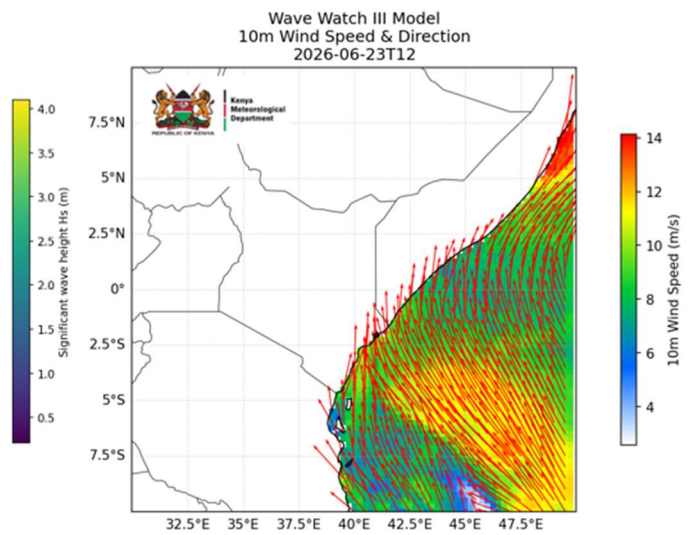
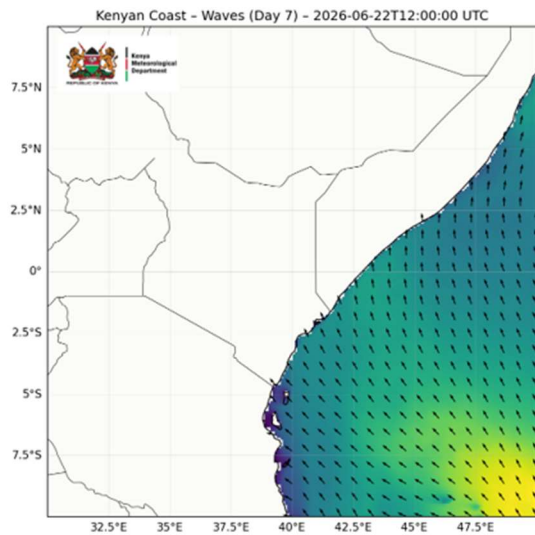
Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)      10m Winds: 08-28 knots ( $\approx$  4 – 14m/s)



**2.7 Tuesday 23<sup>rd</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.5 m to 2.25m (≈ 1.5– 6.75 ft)

10m Winds: 08-28 knots (≈ 4– 14m/s)

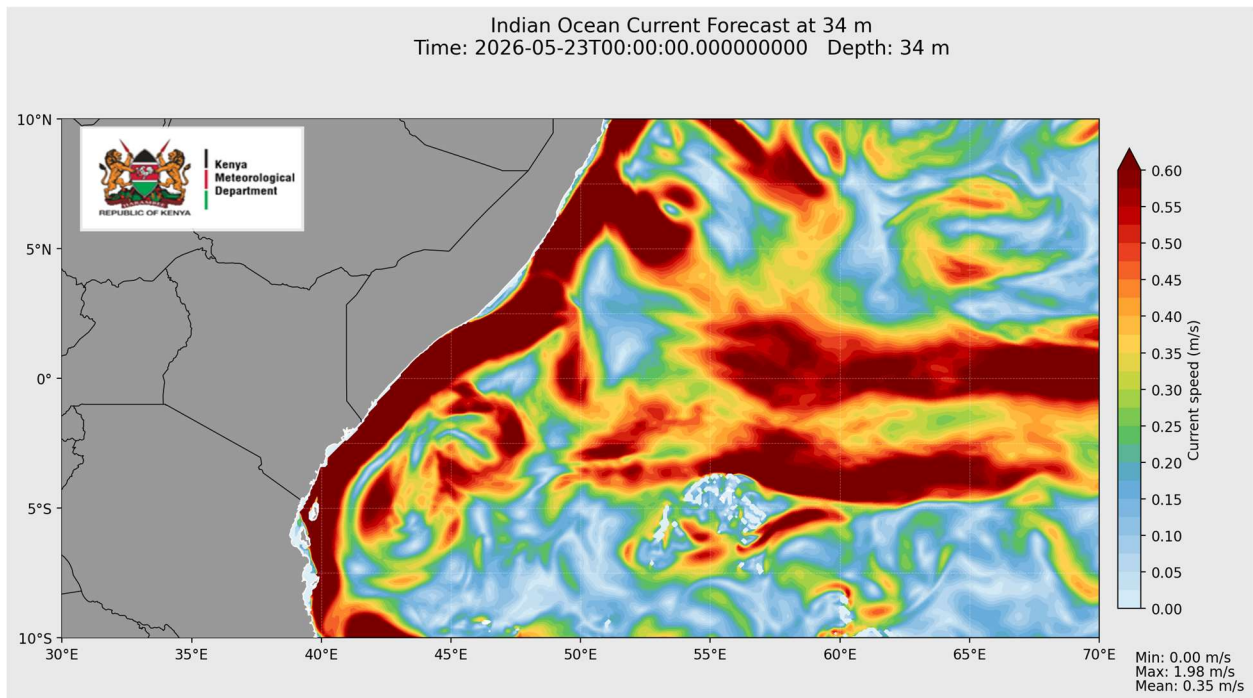


**3.0 TIDE FORECAST VALID FROM 17<sup>TH</sup> JUNE, 2026 TO 23<sup>RD</sup> JUNE, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Wed 17 <sup>th</sup> June, 2026	1 <sup>st</sup> Tide	5:39AM	3.06 m	11:24AM	0.43 m
	2 <sup>nd</sup> Tide	5:51 PM	3.74 m		
Thu 18 <sup>th</sup> June, 2026	1 <sup>st</sup> Tide	6:26AM	3.06 m	00:14AM	0.22 m
	2 <sup>nd</sup> Tide	6:38 PM	3.01 m	12:13 PM	0.52 m
Fri 19 <sup>th</sup> June, 2026	1 <sup>st</sup> Tide	7:14AM	3.06 m	00:59AM	0.33 m
	2 <sup>nd</sup> Tide	7:25 PM	3.31 m	1:04 PM	0.67 m
Sat 20 <sup>th</sup> June, 2026	1 <sup>st</sup> Tide	8:04AM	2.94 m	1:45AM	0.49 m

	<b>2<sup>nd</sup> Tide</b>	8:15 PM	3.02 m	1:59PM	0.85 m
<b>Sun 21<sup>st</sup> June, 2026</b>	<b>1<sup>st</sup> Tide</b>	8:59AM	2.86 m	2:33AM	0.67 m
	<b>2<sup>nd</sup> Tide</b>	9:09 PM	2.73 m	3:00PM	1.04 m
<b>Mon 22<sup>nd</sup> June, 2026</b>	<b>1<sup>st</sup> Tide</b>	9:59 AM	2.79 m	3:24 AM	0.85 m
	<b>2<sup>nd</sup> Tide</b>	10:11 PM	2.47 m	4:11 PM	1.18 m
<b>Tue 23<sup>rd</sup> June, 2026</b>	<b>1<sup>st</sup> Tide</b>	5:39AM	3.06 m	11:24AM	0.43 m
	<b>2<sup>nd</sup> Tide</b>	5:51PM	3.74 mS		

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 17/06/2026 TO 23/06/2026



## 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

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.*

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Marine Forecasting Services

**FOR AG DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**