



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

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya  
**Telephone:** 254 (0) 20 3867880-7, **Fax:** 254 (0) 20 3876955/3877373/3867888,  
**e-mail:** [director@meteo.go.ke](mailto:director@meteo.go.ke), [info@meteo.go.ke](mailto:info@meteo.go.ke) **Website:** <http://www.meteo.go.ke>

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**REF.NO: KMD/FCST/05-2026/MARINE/21**

**Date: Issued on 19<sup>th</sup> May, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 20/05/2026 - 26/05/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

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

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

East-South-Easterly to Southerly waves are expected over Kenya and Tanzania waters with wave heights of 0.2–2.5m ( $\approx$  0.6–7.5ft) throughout the forecast period.

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

**1.3 Sea condition**

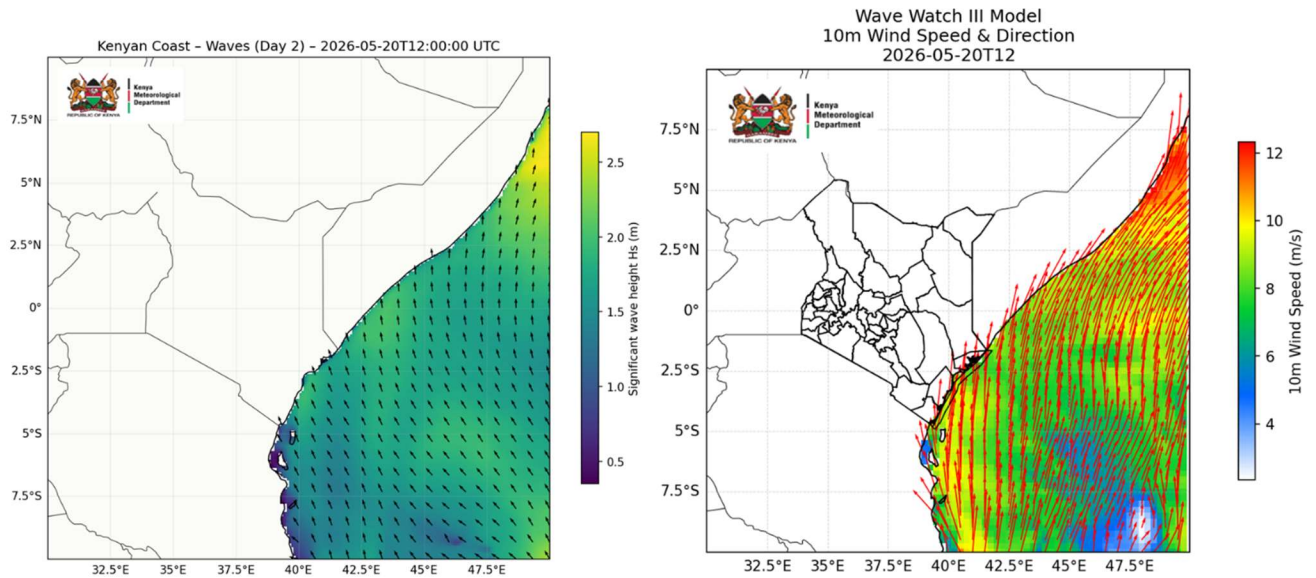
- Light breeze to strong breeze with wind speeds of 02–14m/s (04 to 28 Knots) expected over Somalia, Kenya, and Tanzania waters throughout the forecast period.
- Slight to rough sea condition with wave heights of 1.5–3.0m ( $\approx$  4.5–9.0ft ft) expected over Somalia waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.2–2.5m ( $\approx$  0.6–7.5ft ft) expected over Kenya and Tanzania waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 20<sup>TH</sup> MAY, 2026 TO 26<sup>TH</sup> MARCH, 2026.

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

Wave height: 0.4 m to 2.7m ( $\approx$  1.2– 8.1ft)

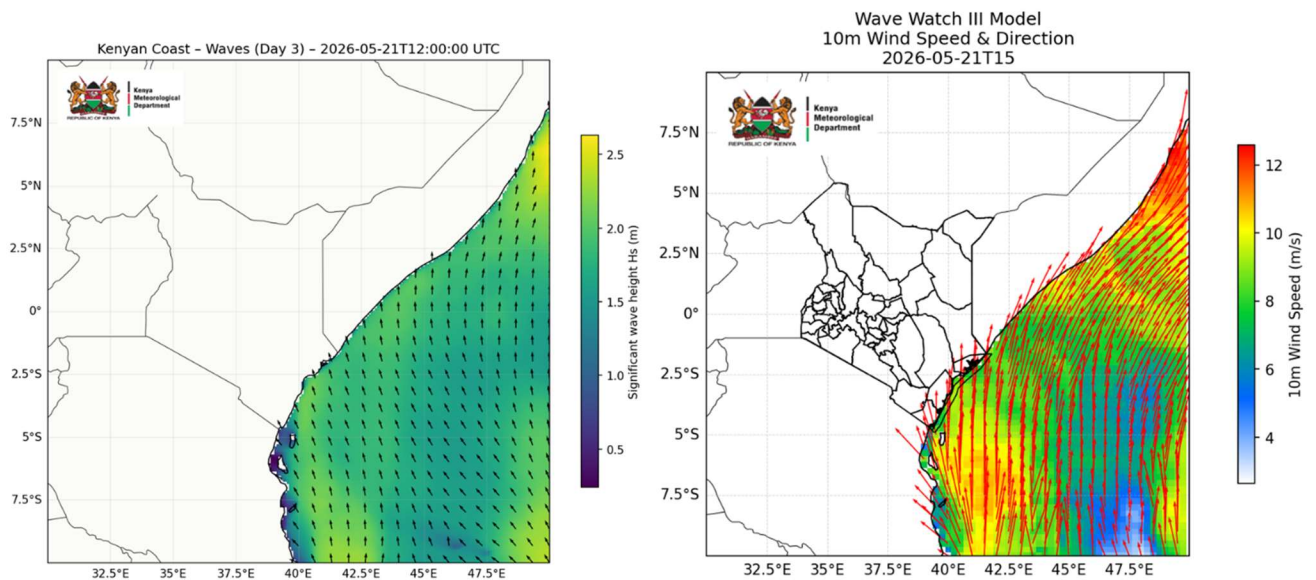
10m Winds: 06-24 knots ( $\approx$  3– 12 m/s)



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

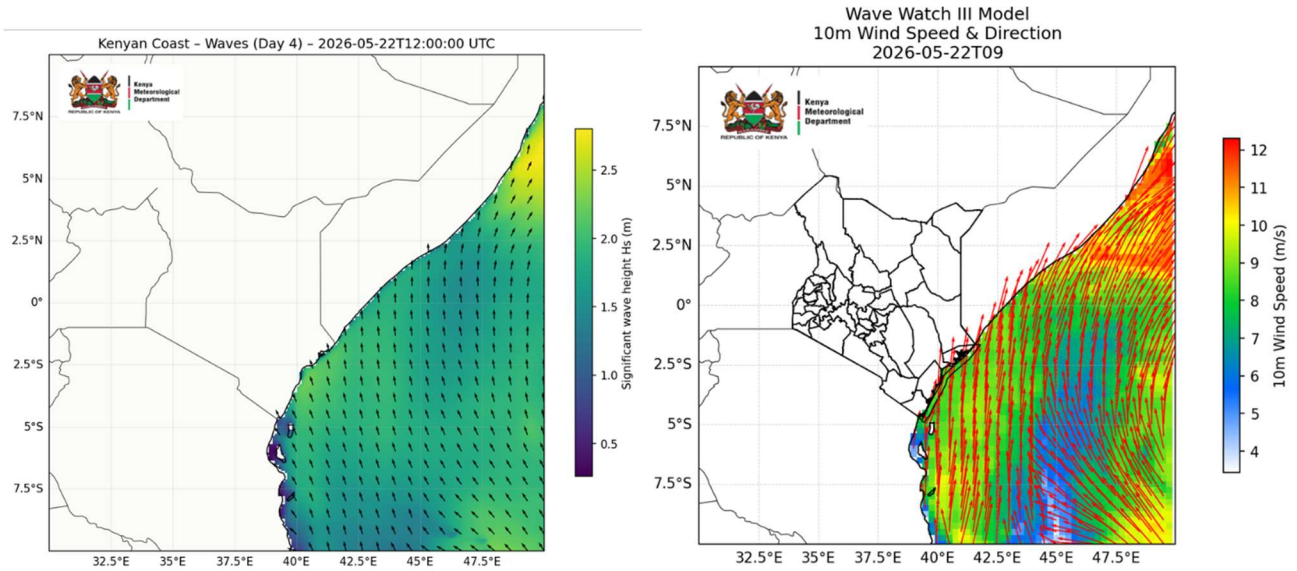
Wave height: 0.4 m to 2.5m ( $\approx$  1.2– 7.5ft)

10m Winds: 06 -24 knots ( $\approx$  3– 12m/s)



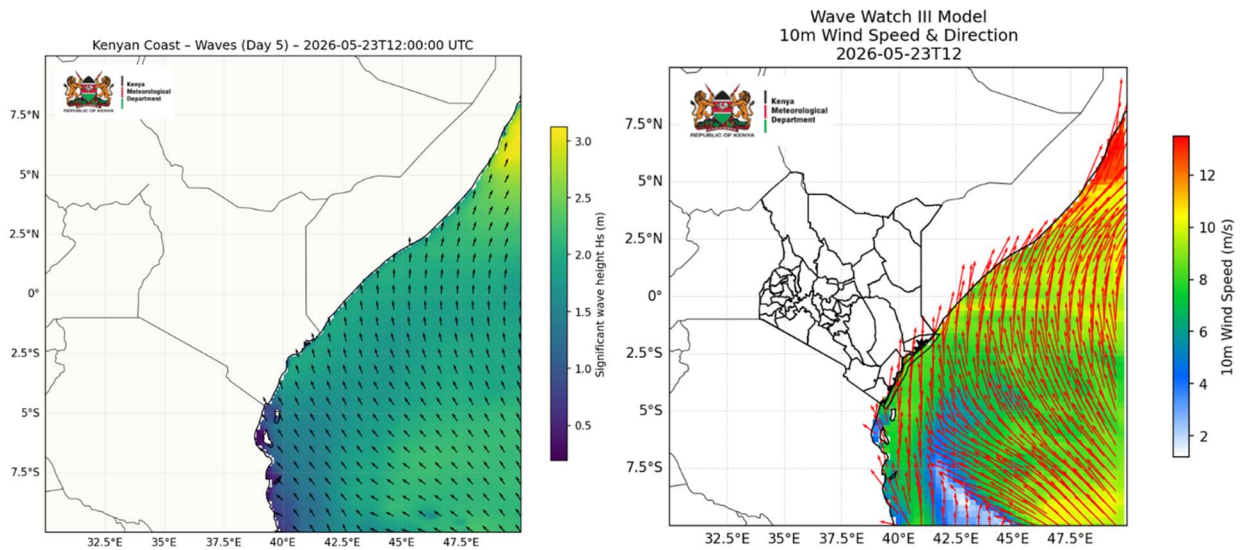
**2.3 Friday 22<sup>nd</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 2.7m ( $\approx$  1.2– 8.1ft)      10m Winds: 08-24 knots ( $\approx$  4 – 12m/s)



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

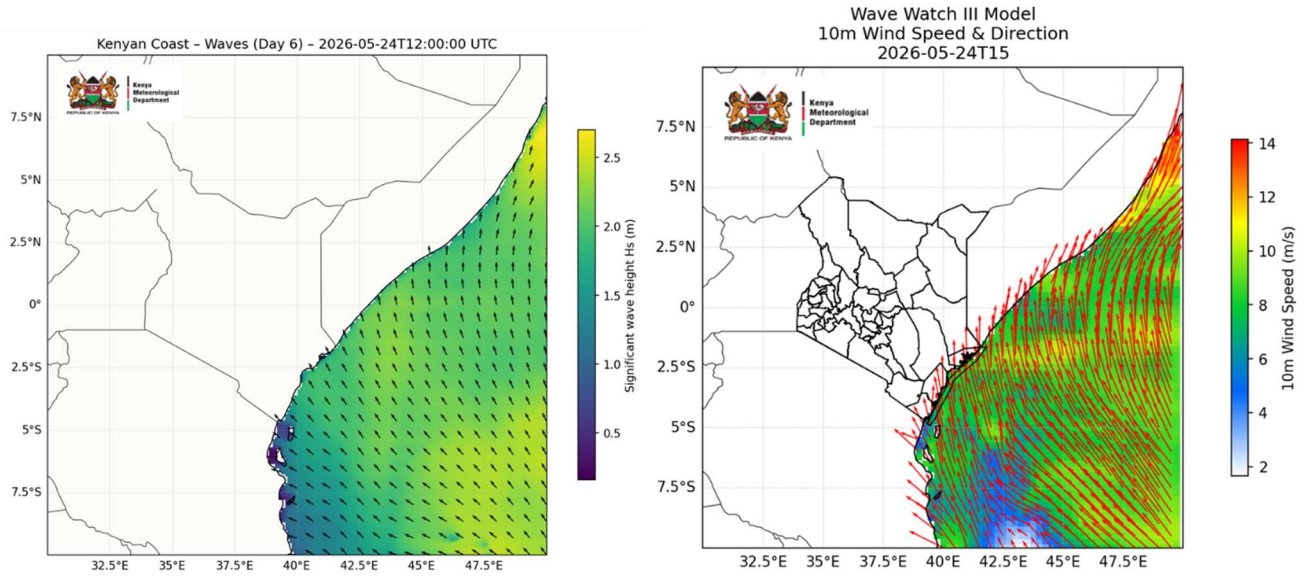
Wave height: 0.3 m to 3.0m ( $\approx$  0.9– 9.0ft)      10m Winds: 04-26 knots ( $\approx$  2– 13m/s)



## 2.5 Sunday 24<sup>th</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.7m ( $\approx$  1.2– 8.1ft)

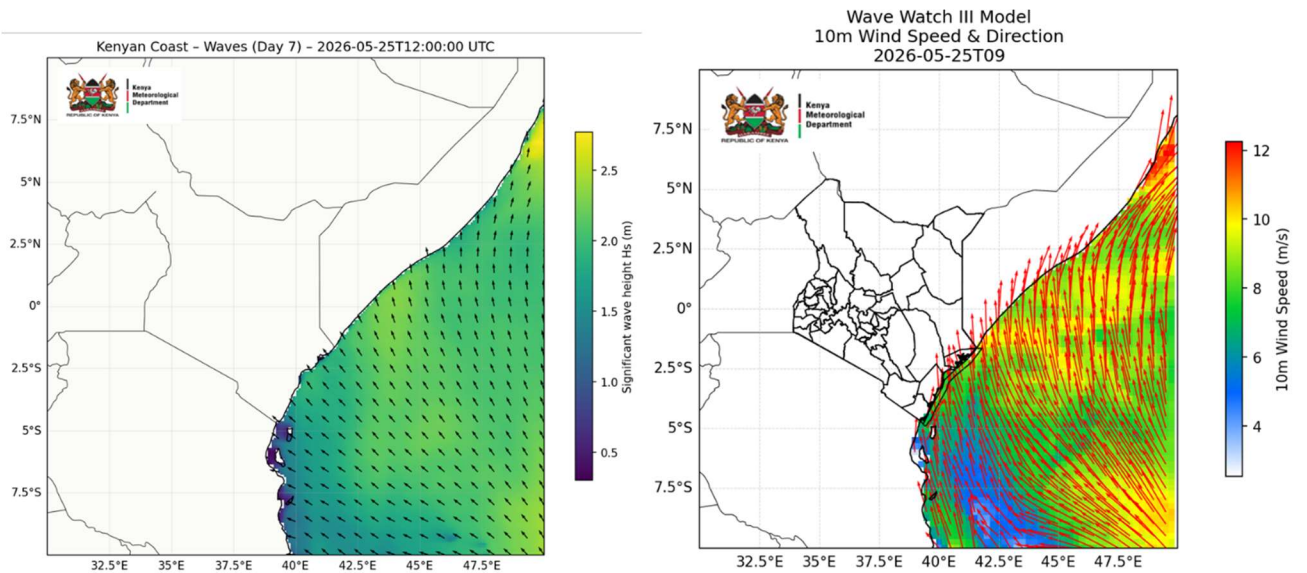
10m Winds: 04-28knots ( $\approx$  2 – 14m/s)



## 2.6 Monday 25<sup>th</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.3 m to 2.7m ( $\approx$  0.9– 8.1ft)

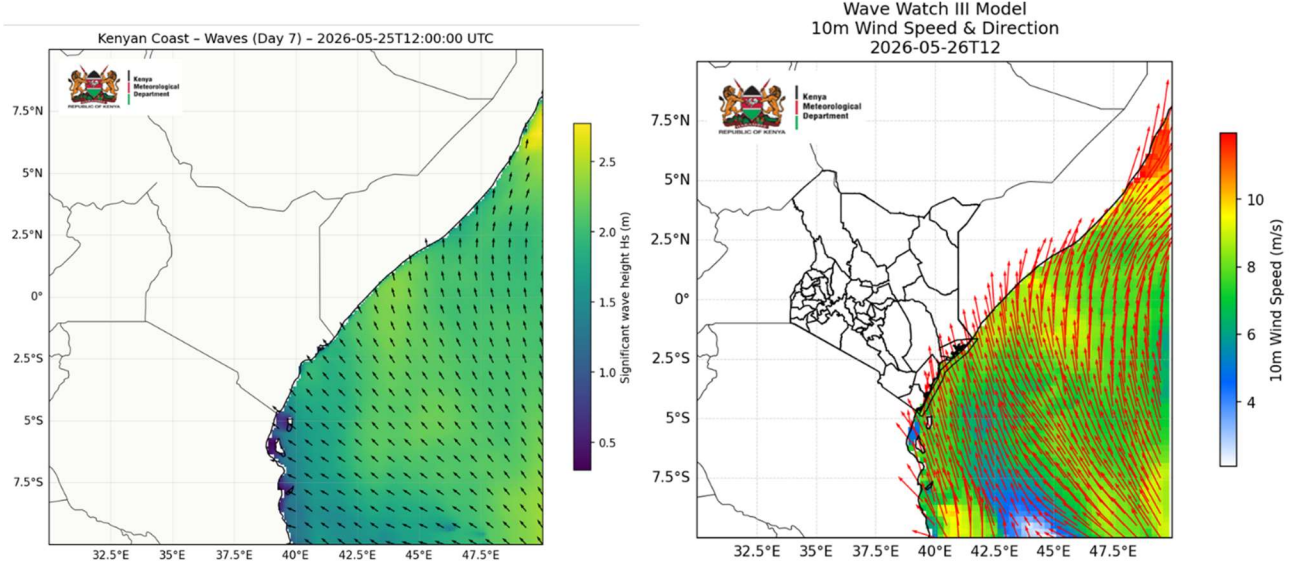
10m Winds: 06-24 knots ( $\approx$  3 – 12m/s)



**2.7 Tuesday 26<sup>th</sup> May, 2026, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.3 m to 2.5m (≈ 0.9– 7.5ft)

10m Winds: 04-24 knots (≈ 2– 12 m/s)

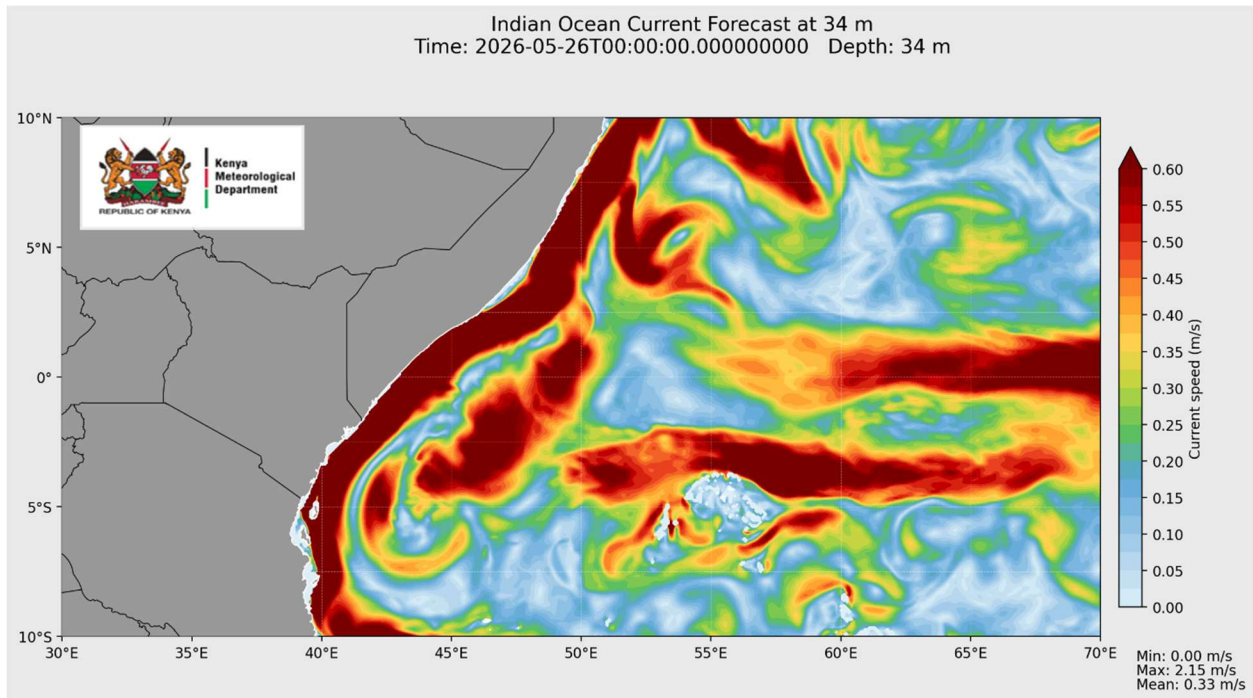


**3.0 TIDE FORECAST VALID FROM 20<sup>TH</sup> MAY, 2026 TO 26<sup>TH</sup> MAY, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Wed 20 <sup>th</sup> May, 2026	1 <sup>st</sup> Tide	06:29 AM	2.98 m	12:20 AM	0.26 m
	2 <sup>nd</sup> Tide	06:43 PM	3.58 m	12:13 PM	0.55 m
Thur 21 <sup>st</sup> May, 2026	1 <sup>st</sup> Tide	07:19 AM	2.83 m	01:07 AM	0.46 m
	2 <sup>nd</sup> Tide	07:34 PM	3.28 m	01:04 PM	0.77 m
Fri 22 <sup>nd</sup> May, 2026	1 <sup>st</sup> Tide	08:17 AM	2.68 m	02:01 AM	0.68 m
	2 <sup>nd</sup> Tide	08:33 PM	2.95 m	02:04 PM	1.02 m
Sat 23 <sup>rd</sup> May, 2026	1 <sup>st</sup> Tide	09:28 AM	2.58 m	03:03 AM	0.89 m
	2 <sup>nd</sup> Tide	09:45 PM	2.67 m	03:23 PM	1.23 m

<b>Sun 24<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	10:51 AM	2.58 m	04:15 AM	1.03 m
	<b>2<sup>nd</sup> Tide</b>	11:11 PM	2.51 m	05:01 PM	1.30 m
<b>Mon 25<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	12:10 PM	2.70 m	05:31 AM	1.07 m
	<b>2<sup>nd</sup> Tide</b>			06:30 PM	1.20 m
<b>Tue 26<sup>th</sup> May, 2026</b>	<b>1<sup>st</sup> Tide</b>	12:32 AM	2.48 m	06:36 AM	1.04 m
	<b>2<sup>nd</sup> Tide</b>	01:11 PM	2.88 m	07:35 PM	1.04 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S)  
FORECAST VALID 20/05/2026 TO 26/05/2026**



## 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.*

PETER MUGI MURIITHI  
FOR DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT