



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

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**REF.NO: KMD/FCST/03-2026/MARINE/13**

**Date: Issued on 26<sup>th</sup> March, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 27/03/2026 - 02/04/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

Southerly to South-Easterly winds are expected over Somalia, Kenya and Tanzania waters with wind speeds of **2 to 16 knots (1-08 m/s)** throughout the forecast period.

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

Easterly to South-Easterly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of **0.2-1.0m (≈ 0.6-3.0ft)** throughout the forecast period.

**1.3 Sea conditions**

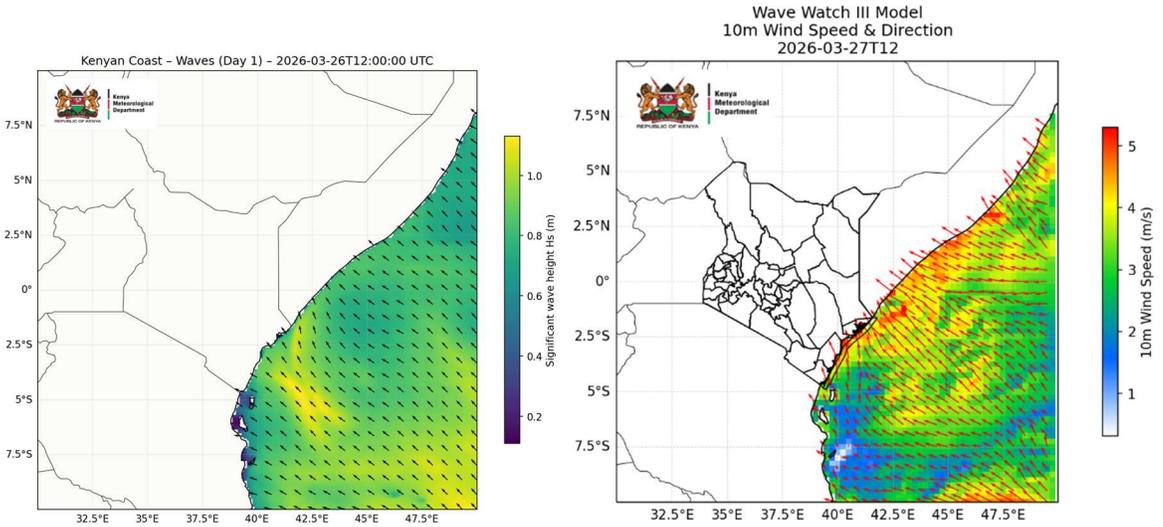
- **Slight to moderate sea condition with wave heights of 0.2-1.0m (0.6-3.0ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**
- **Light breeze to fresh breeze with wind speeds of 01-08m/s (02 to 16 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.**

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 27<sup>TH</sup> MARCH, 2026 TO 07<sup>TH</sup> APRIL, 2026.**

**2.1 Friday 27<sup>th</sup> March, 2026, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m ( $\approx$  0.6– 3.0ft)

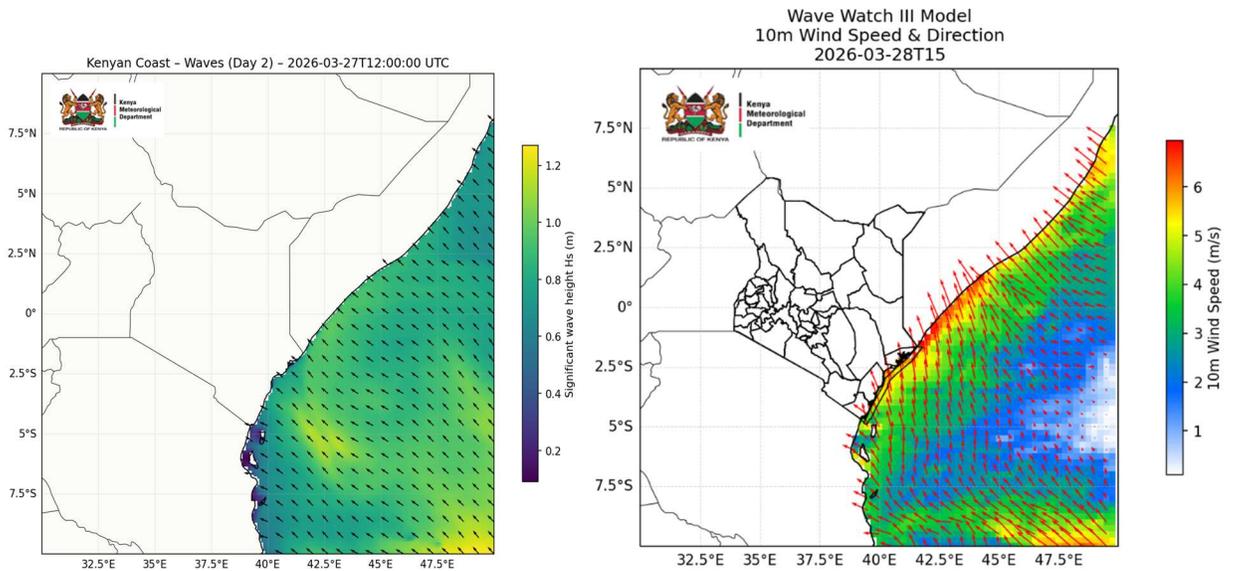
10m Winds: 02-10 knots ( $\approx$  1– 5m/s)



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

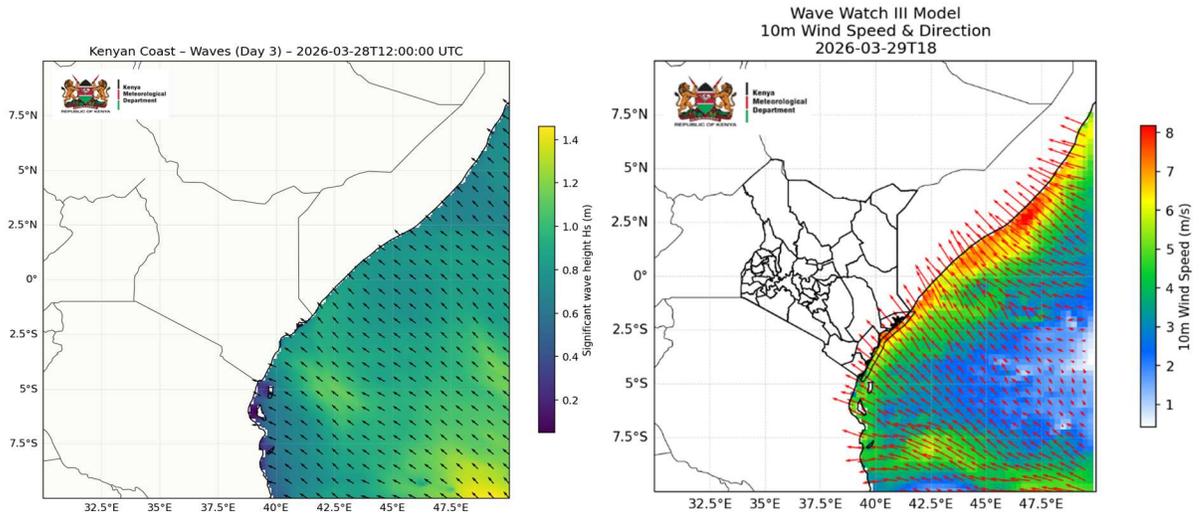
Wave height: 0.2 m to 1.0m ( $\approx$  0.6– 3.0ft)

10m Winds: 04-14 knots ( $\approx$  2 – 7m/s)



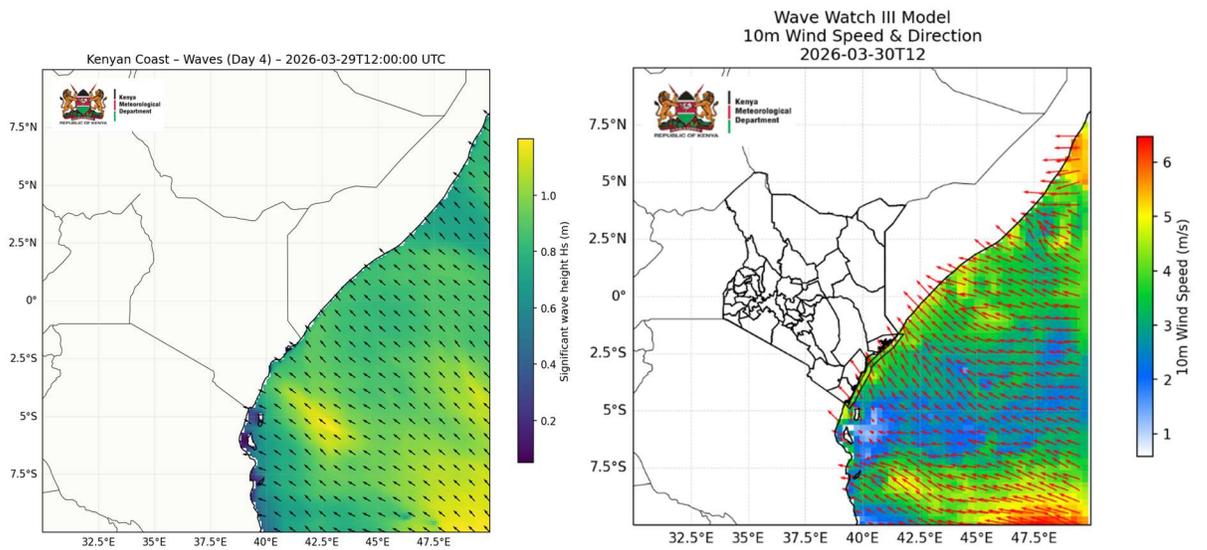
**2.3 Sunday 29<sup>th</sup> March, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m (≈ 0.6– 3.0ft)      10m Winds: 02 -14 knots (≈1– 8m/s)



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

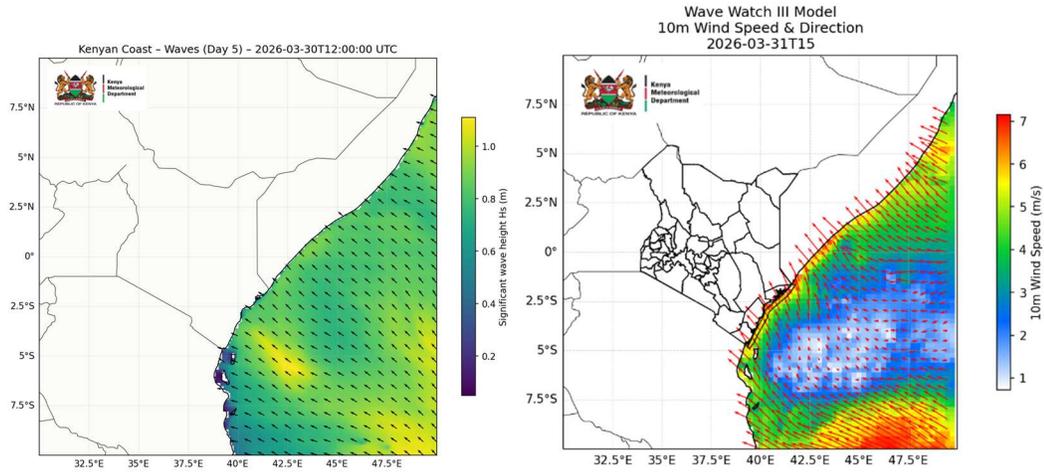
Wave height: 0.2 m to 1.0m (≈ 0.6– 3.0ft)      10m Winds: 02-12 knots (≈ 1 – 6m/s)



**2.5 Tuesday 31<sup>th</sup> March, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m ( $\approx$  0.6– 3.0ft)

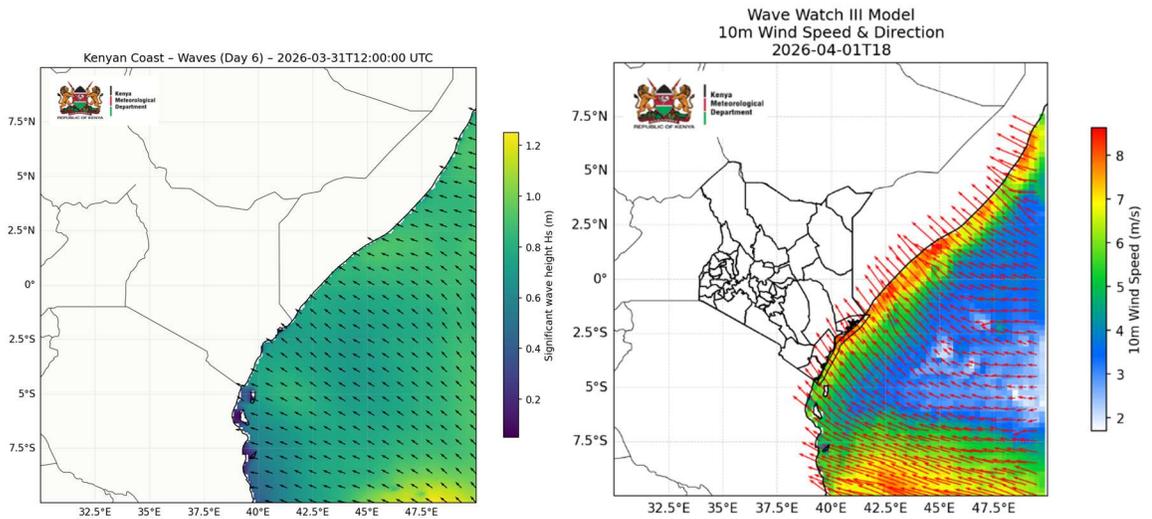
10m Winds: 02-14 knots ( $\approx$  1– 7m/s)



**2.6 Wednesday 01<sup>st</sup> March, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

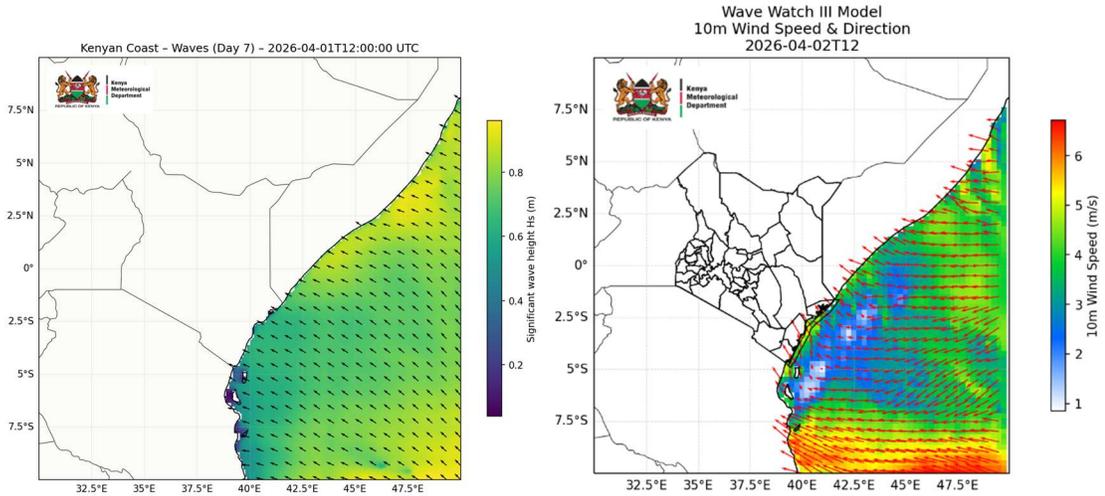
Wave height: 0.2 m to 1.0m ( $\approx$  0.6– 3.0ft)

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



**2.7 Thursday 02<sup>nd</sup> March, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m (≈ 0.6– 3.0ft)      10m Winds: 02-14 knots (≈ 1 – 7m/s)

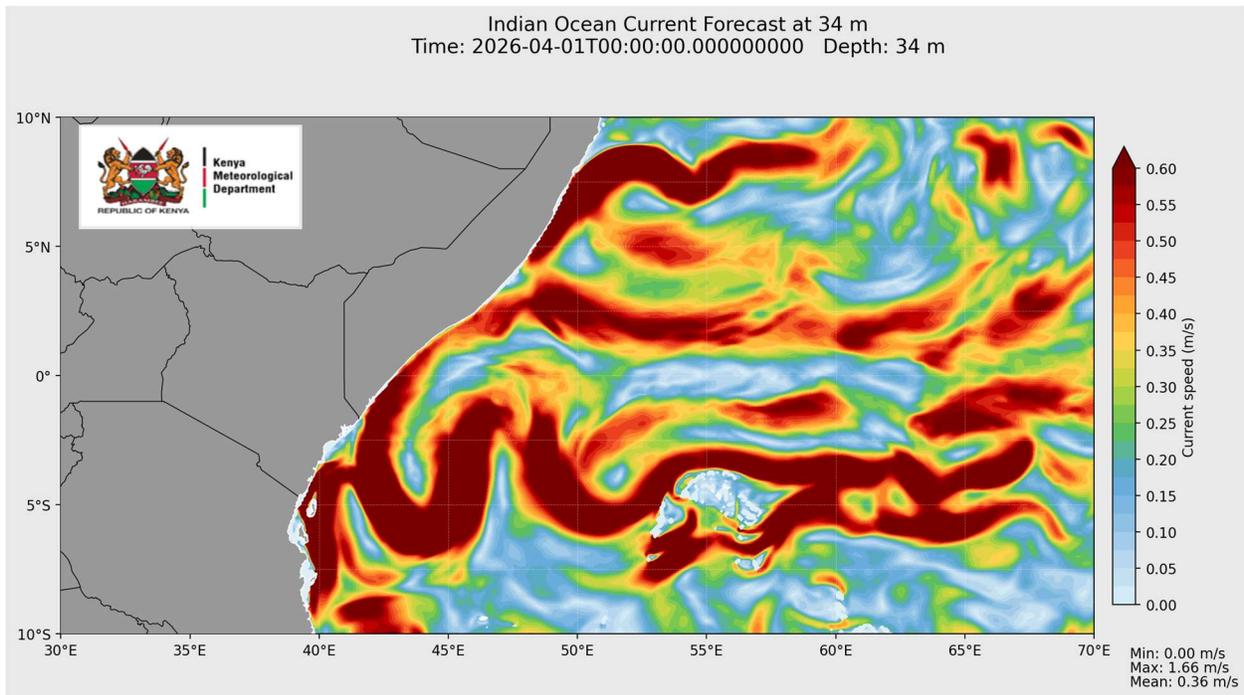


**3.0 TIDE FORECAST VALID FROM 27<sup>TH</sup> MARCH, 2026 TO 02<sup>ST</sup> April, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Fri 27th March, 2026	1 <sup>st</sup> Tide	11:38 AM	2.10 m	05:15 AM	1.37 m
	2 <sup>nd</sup> Tide			05:18 PM	1.50 m
Sat 28th March, 2026	1 <sup>st</sup> Tide	2:22 AM	2.60 m	07:21 AM	1.22 m
	2 <sup>nd</sup> Tide	01:36 PM	2.36 m	07:30 PM	1.30 m
Sun 29th March, 2026	1 <sup>st</sup> Tide	01:51 AM	2.80 m	08:22 AM	0.95 m
	2 <sup>nd</sup> Tide	02:32 PM	2.73 m	08:33 PM	0.98 m
Mon 30th March, 2026	1 <sup>st</sup> Tide	02:45 AM	3.03 m	09:01 AM	0.70 m
	2 <sup>nd</sup> Tide	03:12 PM	3:07 m	09:17 PM	0.68 m
Tue 31st March, 2026	1 <sup>st</sup> Tide	03:26 AM	3.22 m	09:33 AM	0.51 m

	<b>2<sup>nd</sup> Tide</b>	03:45 PM	3:35 m	09:52 PM	0.45 m
<b>Wed 01st March, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:00 AM	3.34 m	10:01 AM	0.37 m
	<b>2<sup>nd</sup> Tide</b>	04:15 PM	3:36 m	10:23 PM	0.45 m
<b>Thu 02nd March, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:31 AM	3.39 m	10:28 AM	0.30 m
	<b>2<sup>nd</sup> Tide</b>	04:44 PM	3:67 m	10:53 PM	0.22 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 27/03/2026 TO 01/04/2026**



## 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. Esibwe

**FOR DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**