



**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/04-2026/MARINE/16**

**Date: Issued on 18<sup>th</sup> April, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 19/04/2026 - 25/04/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

South-Easterly to South-Westerly winds are expected over Kenya and Tanzania waters; and North-Easterly to South-Easterly wind speeds of 2 to 18 knots (1-9 m/s) throughout the forecast period.

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

South-Easterly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.2–1.6m ( $\approx$  0.6–4.8ft) throughout the forecast period.

**1.3 Sea conditions**

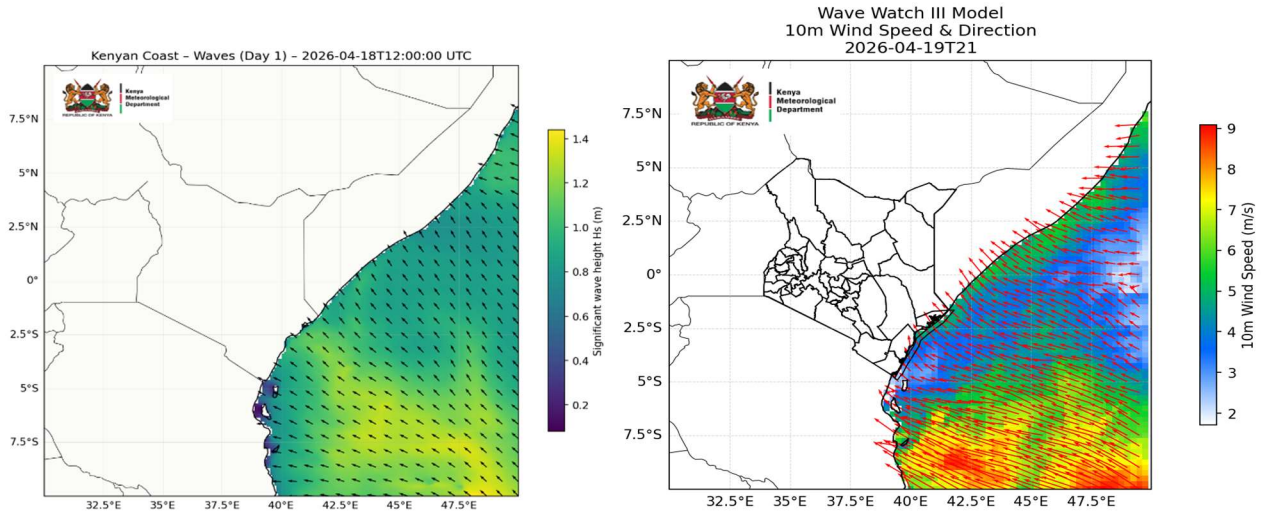
- Slight to moderate sea condition with wave heights of 0.2-1.6m (0.6-4.8ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.
- Light breeze to fresh breeze with wind speeds of 01–9m/s (02 to 18 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 19<sup>TH</sup> APRIL, 2026 TO 25<sup>TH</sup> APRIL, 2026.**

**2.1 Sunday 19<sup>th</sup> April, 2026, 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– 4.2ft)

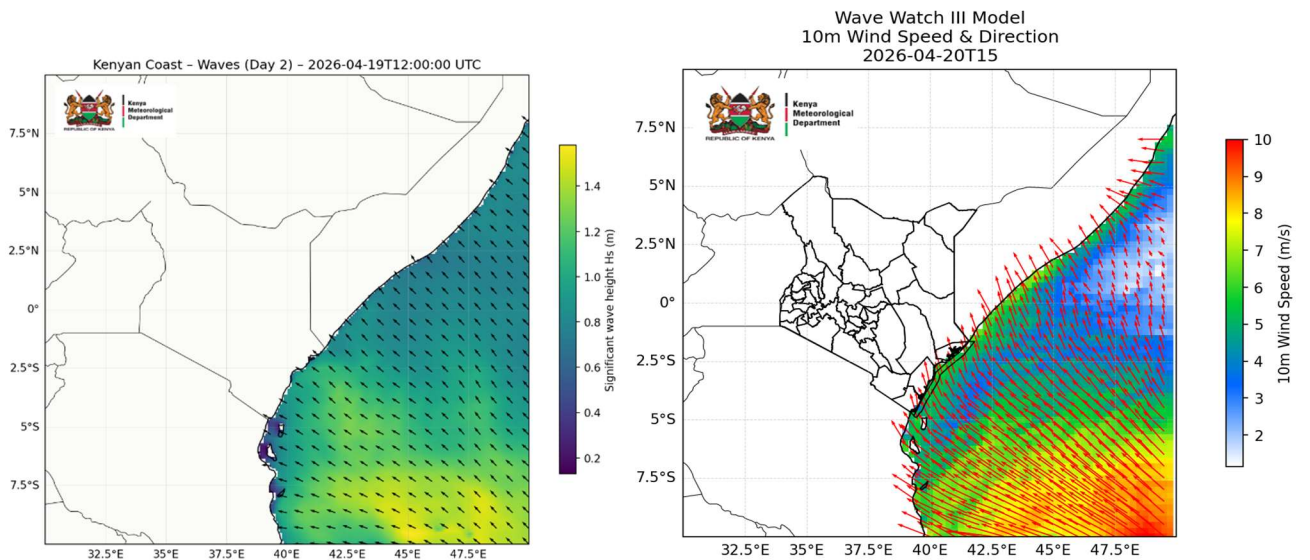
10m Winds: 04-16 knots ( $\approx$  2– 08m/s)



**2.2 Monday 20<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

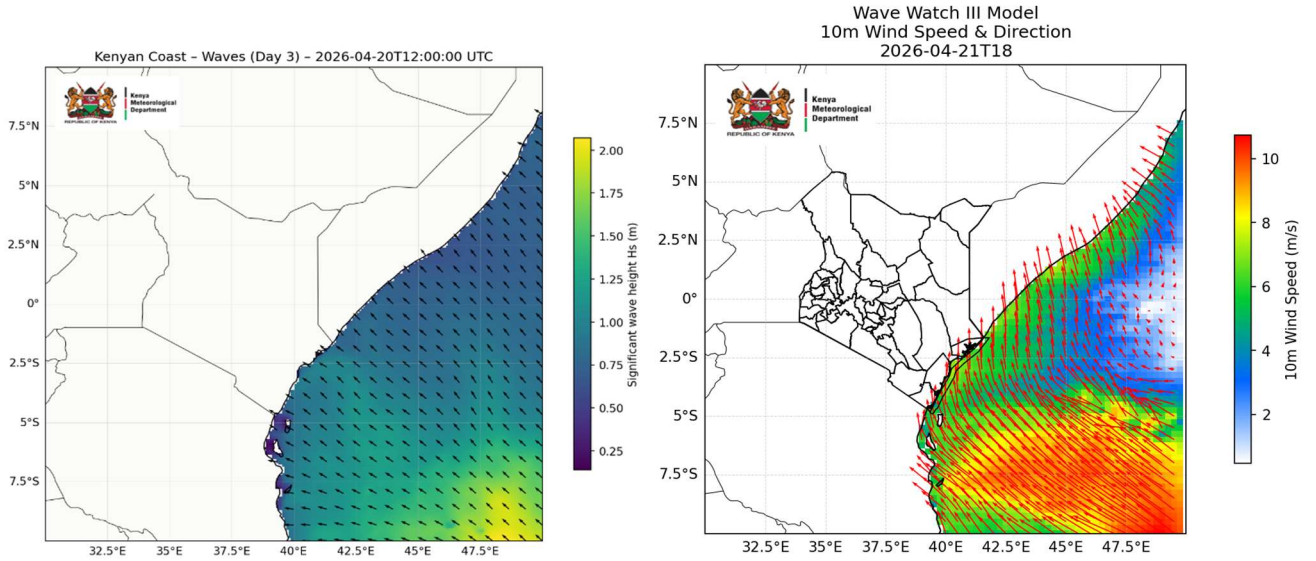
Wave height: 0.2 m to 1.2m ( $\approx$  0.6– 3.6ft)

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



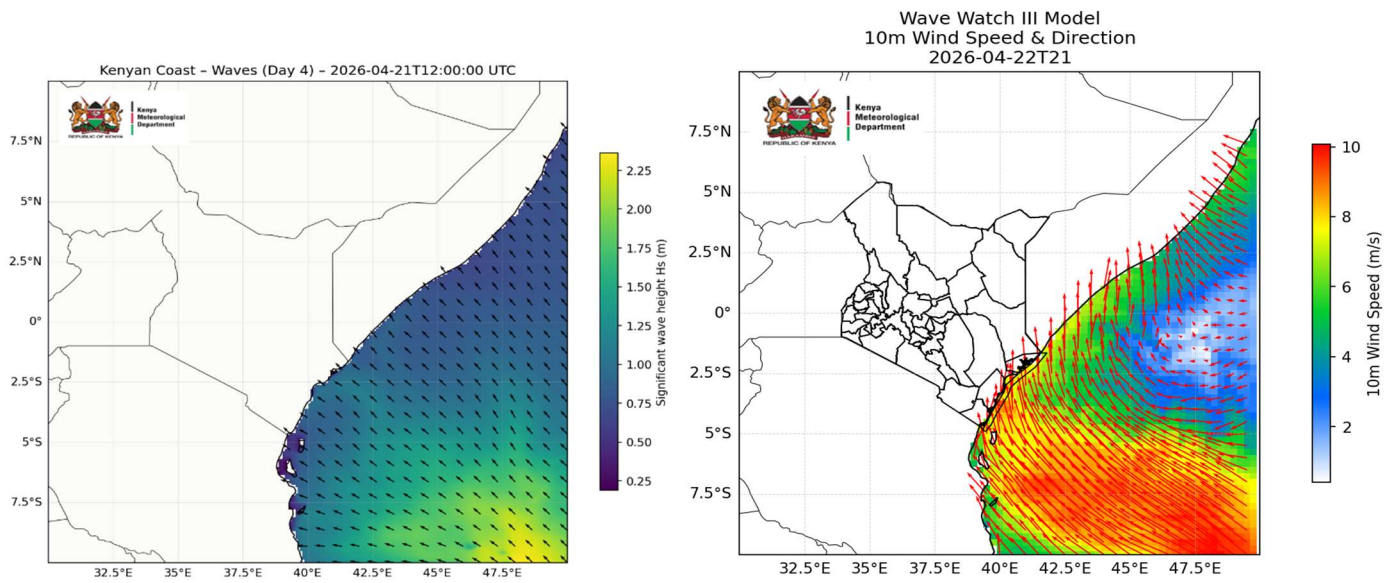
**2.3 Tuesday 21<sup>st</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.2m ( $\approx$  0.6– 3.6ft)      10m Winds: 04 -16 knots ( $\approx$ 2– 8m/s)



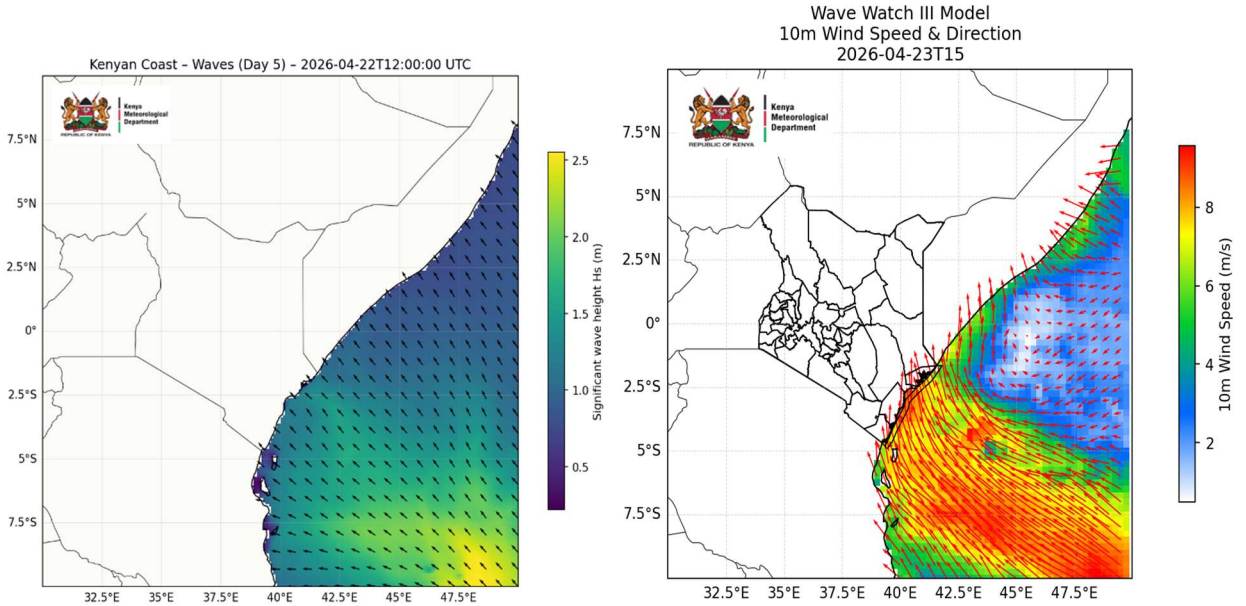
**2.4 Wednesday 22<sup>nd</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.2m ( $\approx$  0.6– 3.6ft)      10m Winds: 04-18knots ( $\approx$  02 – 09m/s)



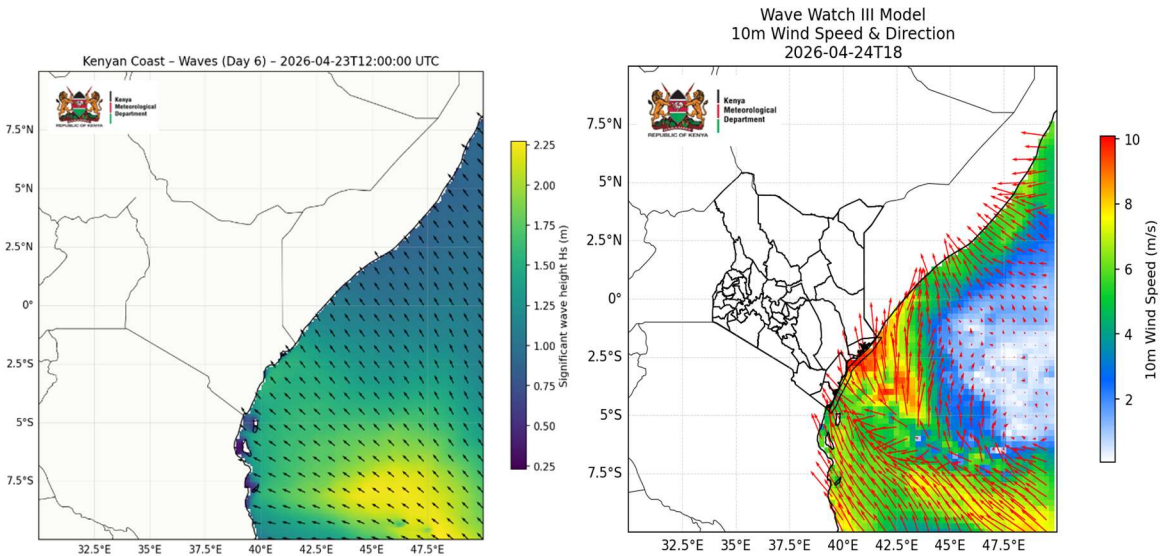
**2.5 Thursday 23<sup>rd</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m (≈ 0.6– 3.0ft)      10m Winds: 04-18knots (≈ 2– 9m/s)



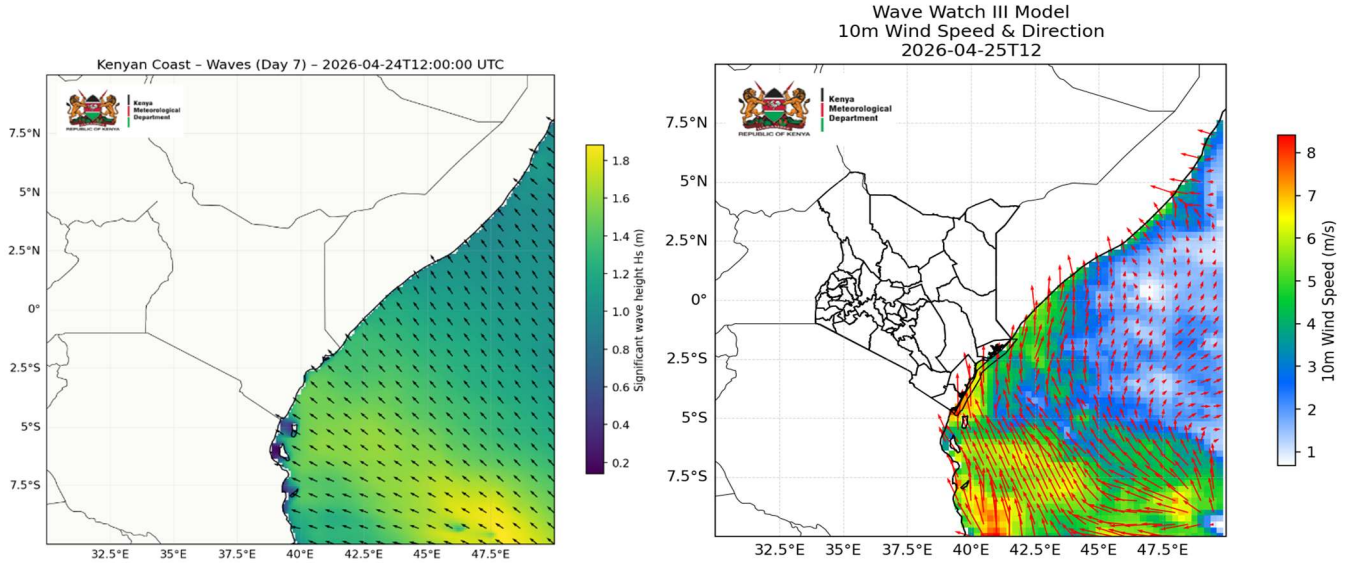
**2.6 Friday 24<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 1.5m (≈ 1.2– 4.5ft)      10m Winds: 04-18knots (≈ 2 – 9m/s)



**2.7 Saturday 25<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 (≈ 0.6– 4.8ft)      10m Winds: 02-16 knots (≈ 1 – 8m/s)

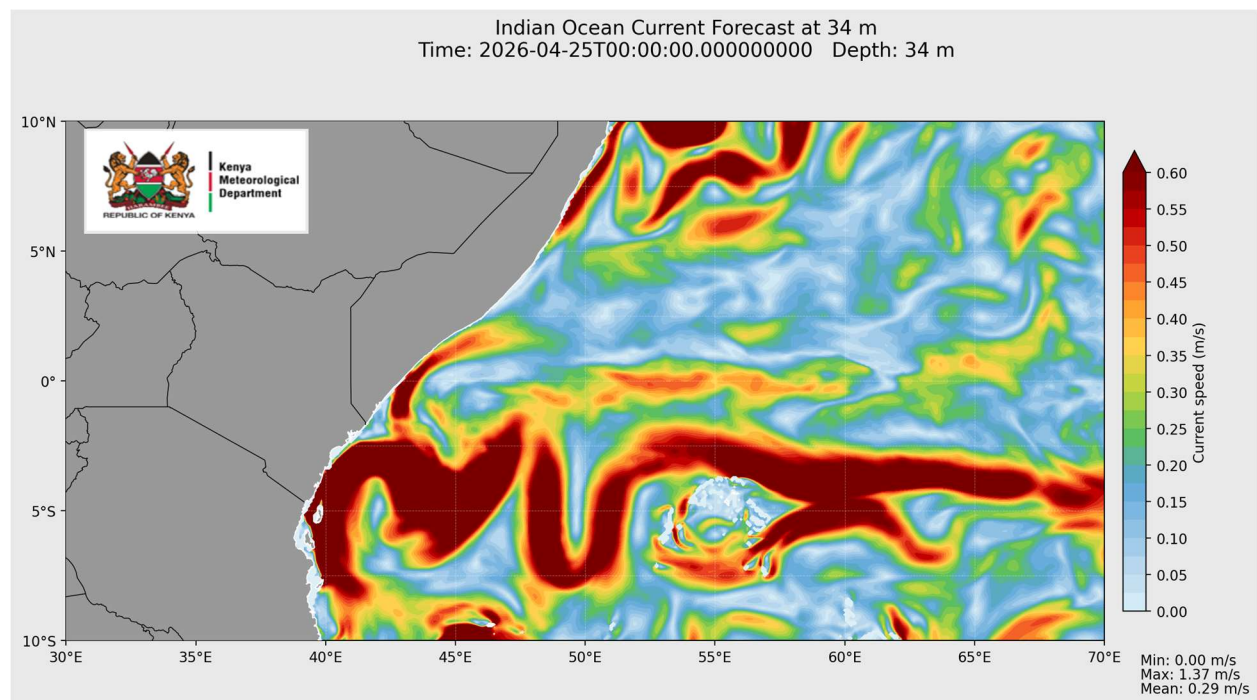


**3.0 TIDE FORECAST VALID FROM 19<sup>TH</sup> April, 2026 TO 25<sup>TH</sup> April, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Sun 19 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	05:28 PM	3.99 m	11:45 PM	0.05 m
	2 <sup>nd</sup> Tide	05:53AM	3.25 m	11:40 AM	0.28 m
Mon 20 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	05:53AM	3.25 m	11:40 AM	0.28 m
	2 <sup>nd</sup> Tide	06:07 PM	3.87 m		
Tue 21 <sup>st</sup> April, 2026	1 <sup>st</sup> Tide	06:33AM	3.05 m	12:26 AM	0.23 m
	2 <sup>nd</sup> Tide	06:49 PM	3.63 m	12:18 PM	0.47 m
Wed 22 <sup>nd</sup> April, 2026	1 <sup>st</sup> Tide	07:17AM	2.80 m	01:10 AM	0.50 m
	2 <sup>nd</sup> Tide	07:36 PM	3.30 m	01:01 PM	0.74 m

<b>Thu 23<sup>rd</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	08:12AM	2.53 m	02:02 AM	0.81 m
	<b>2<sup>nd</sup> Tide</b>	08:36 PM	2.93 m	01:55 PM	1.05 m
<b>Fri 24<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	09:33AM	2.32 m	03:13 AM	1.09 m
	<b>2<sup>nd</sup> Tide</b>	10:05 PM	2.64 m	03:16 PM	1.35 m
<b>Sat 25<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	11:29AM	2.32 m	04:57 AM	1.23 m
	<b>2<sup>nd</sup> Tide</b>	11:58 PM	2.55 m	05:29 PM	1.43 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID  
19/04/2026 TO 25/04/2026**



## 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