



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

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REF.NO: KMD/FCST/04-2026/MARINE/17

Date: Issued on 20th April, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 21/04/2026 - 27/04/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

Easterly to South-Westerly (E to SW) winds are expected over Somalia, Kenya and Tanzania water with wind speeds of **2 to 20 knots (1-10 m/s)** throughout the forecast period.

1.2 Sig. Wave Height and Direction:

East South-Easterly to South South-Easterly (ESE to SSE) waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of **0.0–2.5m (\approx 0.0–7.5ft)** throughout the forecast period.

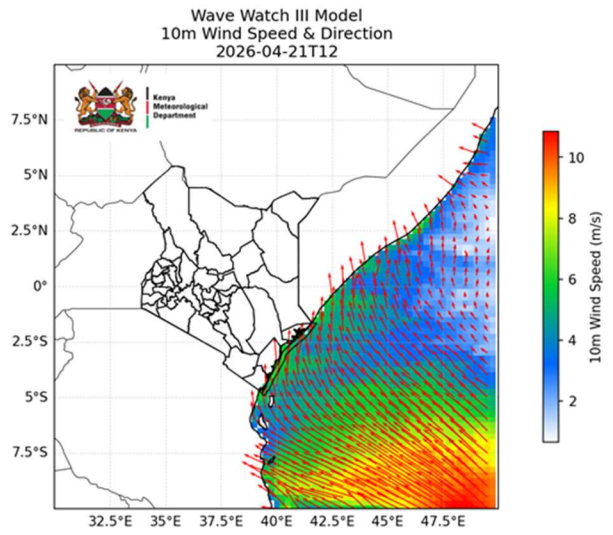
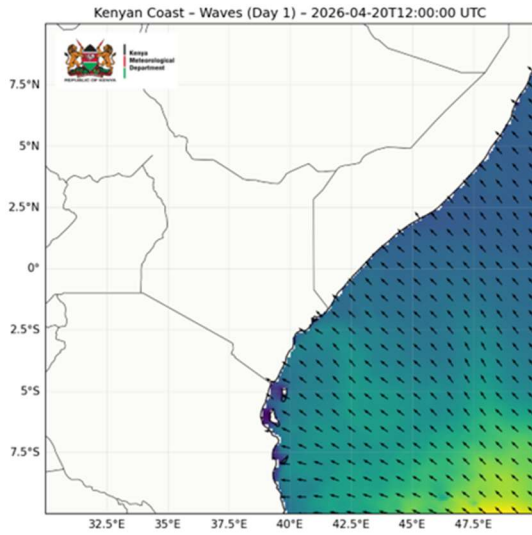
1.3 Sea conditions

- **Slight to moderate sea condition with wave heights of 0.0-2.5m (0.0-7.5ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**
- **Light breeze to fresh breeze with wind speeds of 01–10m/s (02 to 20 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.**

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 21ST APRIL, 2026 TO 27TH APRIL, 2026.

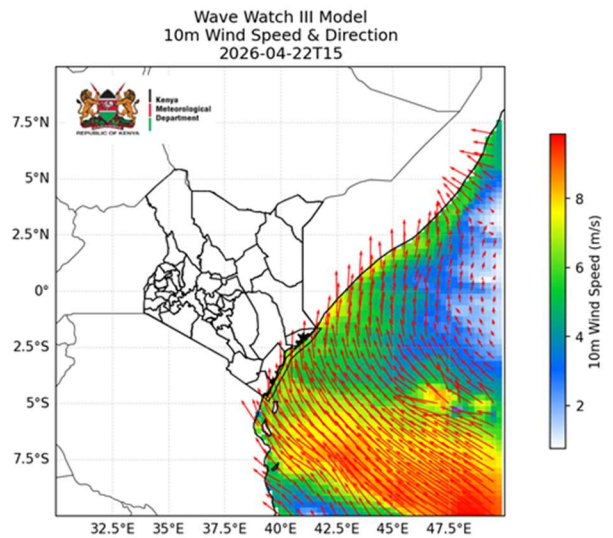
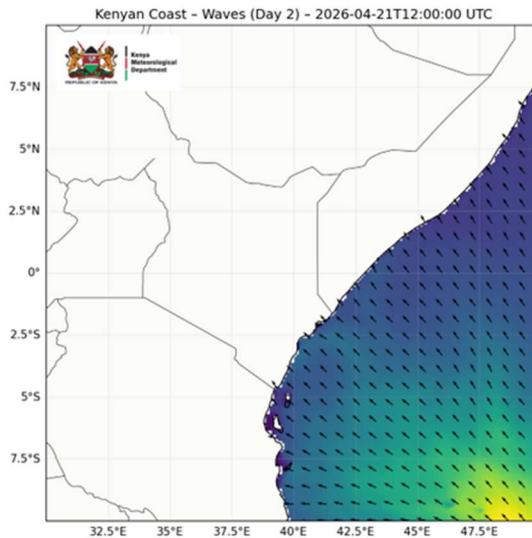
2.1 Tuesday 21st April, 2026, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.25 m to 2.0m (\approx 0.75– 6.0ft) 10m Winds: 04-20 knots (\approx 2– 10m/s)



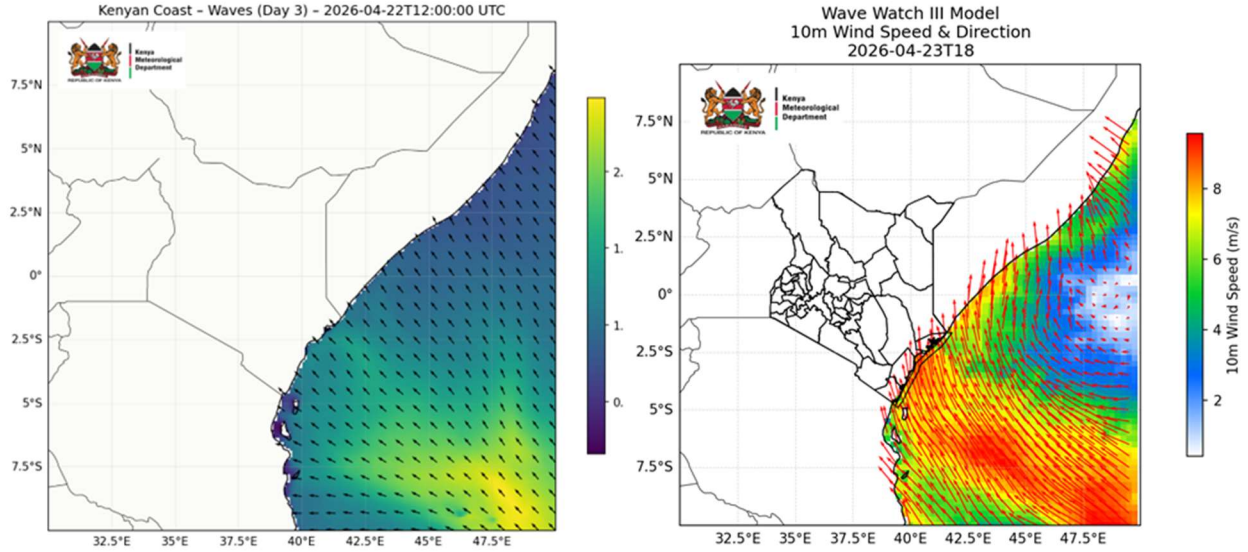
2.2 Wednesday 22nd April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft) 10m Winds: 04-16 knots (\approx 2 – 8m/s)



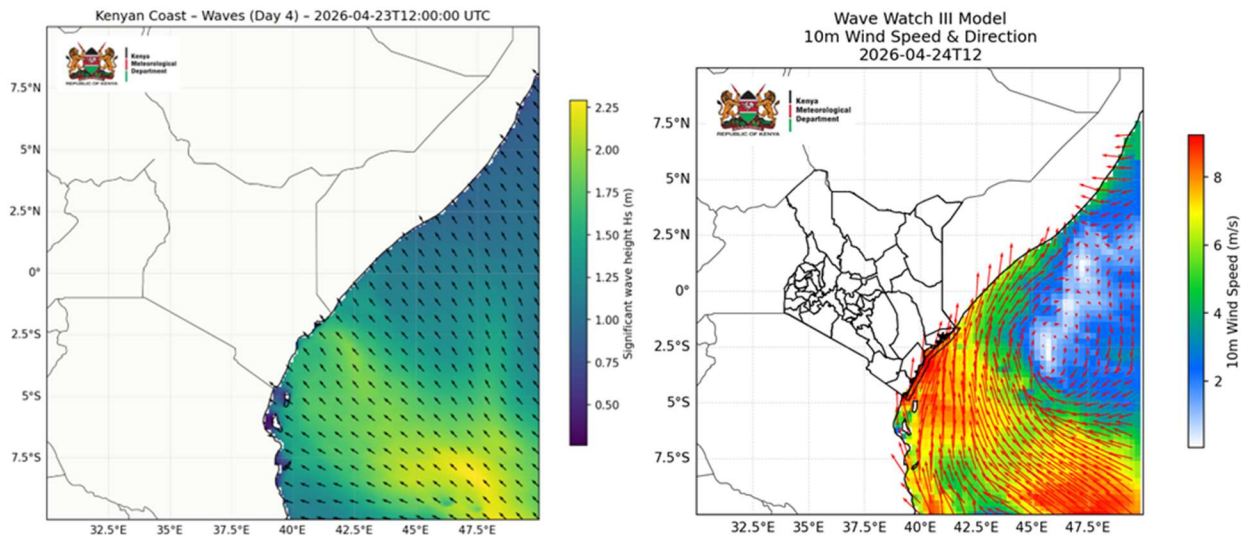
2.3 Thursday 23rd April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.0m to 2.0m (\approx 0.0– 6.0ft) 10m Winds: 04 -16 knots (\approx 2– 8m/s)



2.4 Friday 24th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

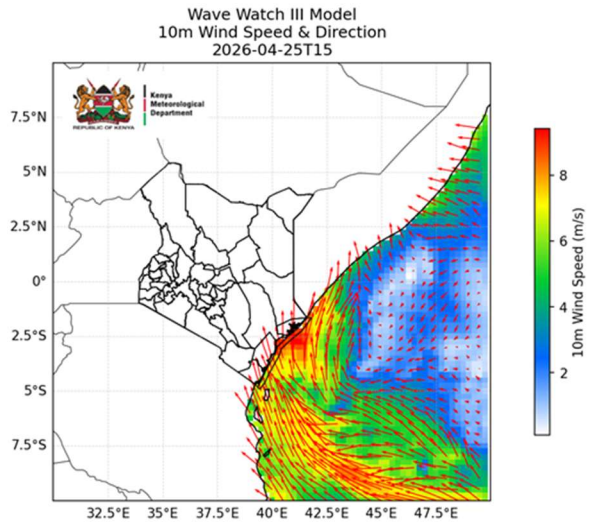
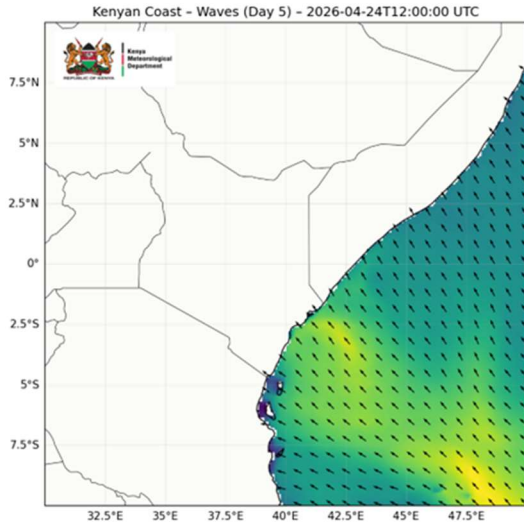
Wave height: 0.5 m to 2.25m (\approx 0.6– 6.75ft) 10m Winds: 04-16knots (\approx 2 – 8m/s)



2.5 Saturday 25th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.25 m to 1.75m (\approx 0.75– 5.25ft)

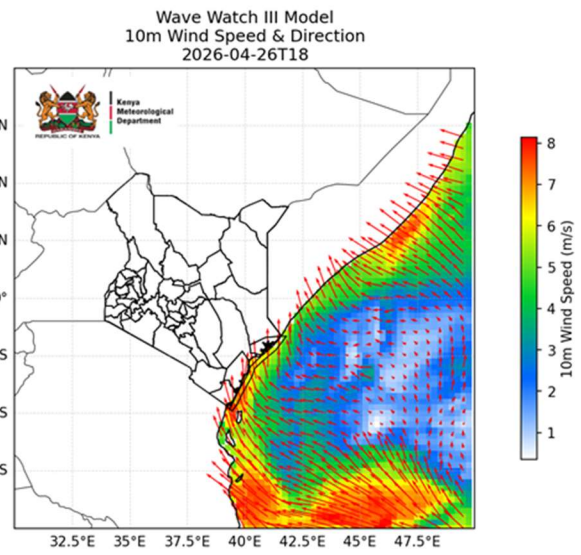
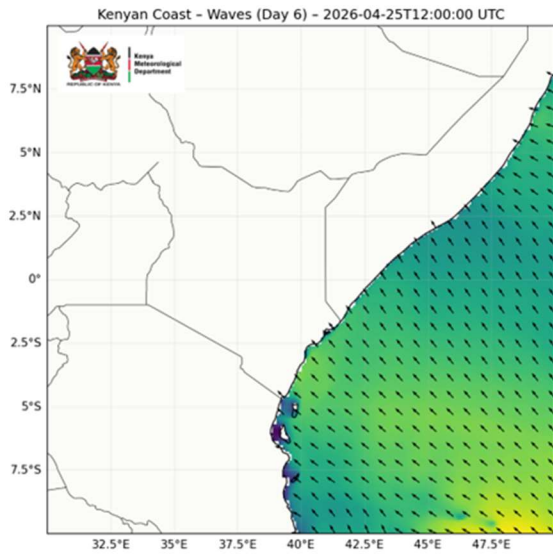
10m Winds: 04-16knots (\approx 2– 8m/s)



2.6 Sunday 26th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

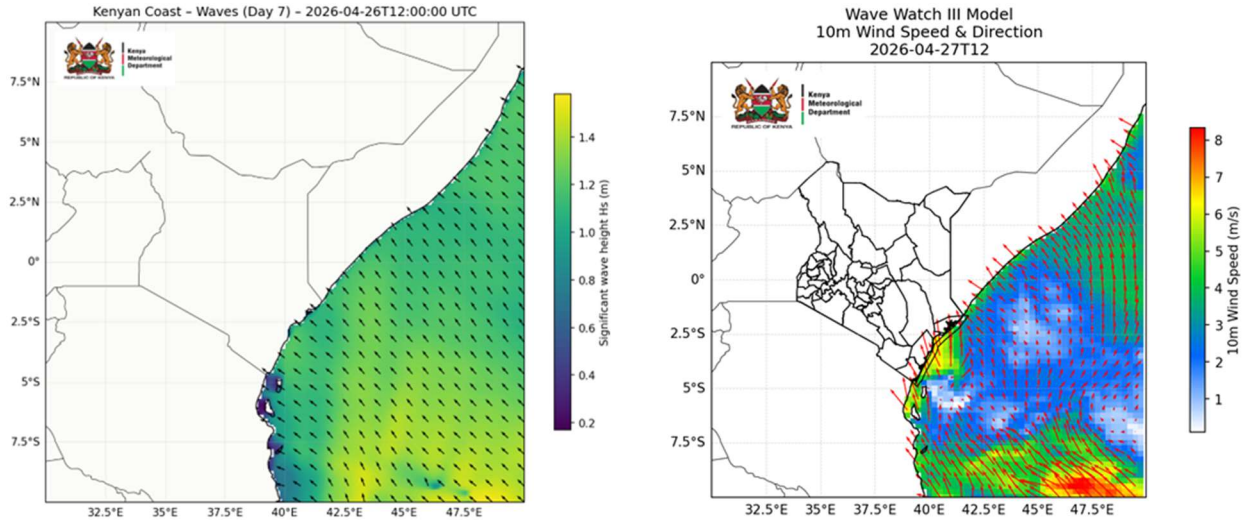
Wave height: 0.0 m to 1.0m (\approx 0.0– 3.0ft)

10m Winds: 02-16knots (\approx 1 – 8m/s)



2.7 Monday 27th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.4m (≈ 0.6– 4.2ft) 10m Winds: 02-14 knots (≈ 1 – 8m/s)

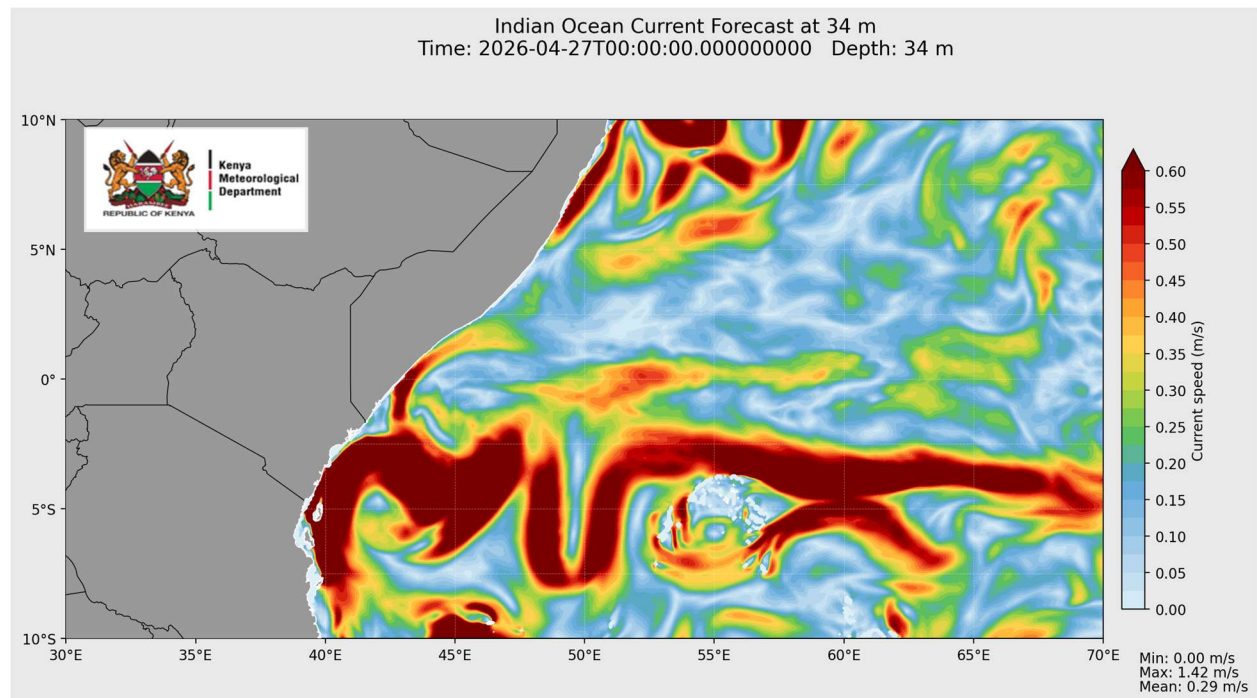


3.0 TIDE FORECAST VALID FROM 21st April, 2026 TO 27th April, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Tue 21 st April, 2026	1 st Tide	06:21 AM	3.36 m	12:18 AM	0.21 m
	2 nd Tide	06:39 PM	3.95 m	12:16 PM	0.43 m
Wed 22 nd April, 2026	1 st Tide	07:08 AM	3.08 m	01:01 AM	0.51 m
	2 nd Tide	07:30 PM	3.59 m	12:58 PM	0.74 m
Thu 23 rd April, 2026	1 st Tide	08:09 AM	2.79 m	01:51 AM	0.86 m
	2 nd Tide	08:38 PM	3.21 m	01:50 PM	1.10 m
Fri 24 th April, 2026	1 st Tide	09:37 AM	2.59 m	02:57 AM	1.20 m
	2 nd Tide	10:12 PM	2.93 m	03:04 PM	1.44 m
Sat 25 th April, 2026	1 st Tide	11:22 AM	2.62 m	04:43 AM	1.38 m
	2 nd Tide	11:50 PM	2.87 m	05:22 PM	1.56 m

Sun 26th April, 2026	1st Tide	12:47 PM	2.87 m	06:34 AM	1.27 m
	2nd Tide			07:10 PM	1.32 m
Mon 27th April, 2026	1st Tide	01:08 AM	2.97 m	07:34 AM	1.05 m
	2nd Tide	01:46 PM	3.18 m	08:06 PM	1.02 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID
21/04/2026 TO 27/04/2026**



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. K.Langat.

FOR DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT