



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

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REF.NO: KMD/FCST/04-2026/MARINE/16

Date: Issued on 15th April, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 16/04/2026 - 22/04/2026

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 16 knots (1-8 m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

South-Easterly to Southerly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.2-1.2m (\approx 0.6-3.6ft) throughout the forecast period.

1.3 Sea conditions

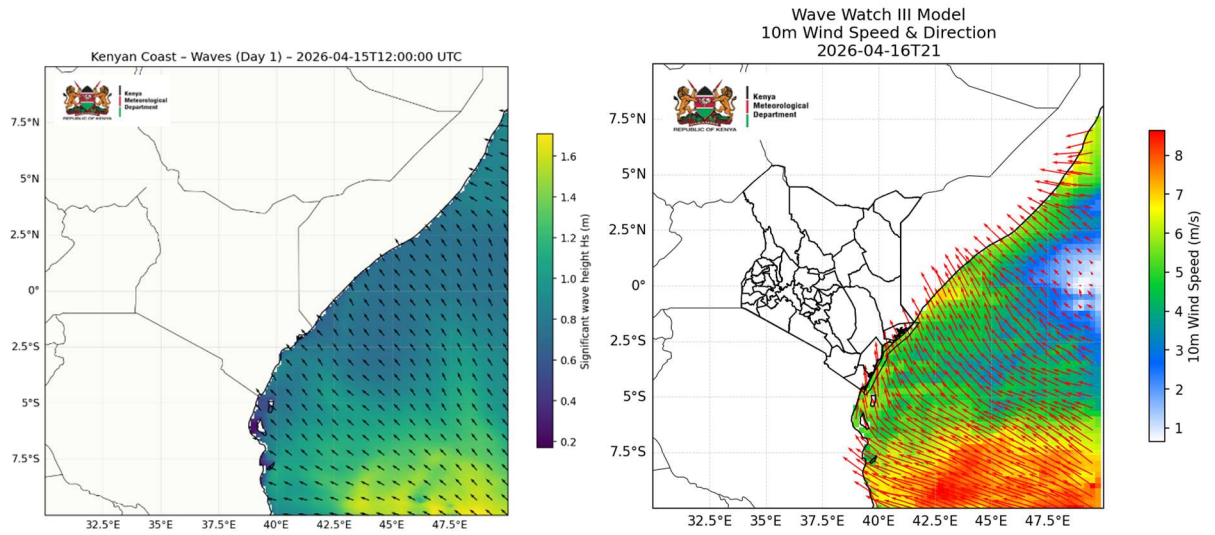
- Slight to moderate sea condition with wave heights of 0.2-1.2m (0.6-3.6ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.
- Light breeze to fresh breeze with wind speeds of 01-8m/s (02 to 16 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 16TH APRIL, 2026 TO 23ND APRIL, 2026.

2.1 Thursday 16th 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)

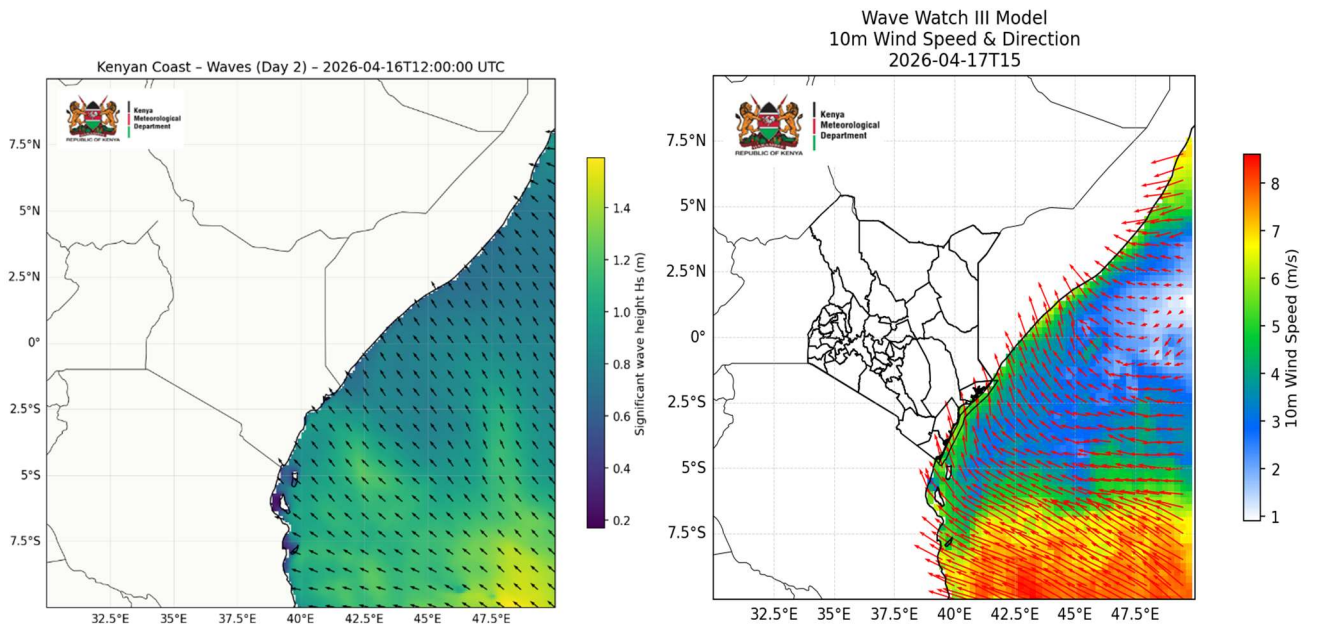
10m Winds: 02-16 knots (\approx 1– 08m/s)



2.2 Friday 17th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

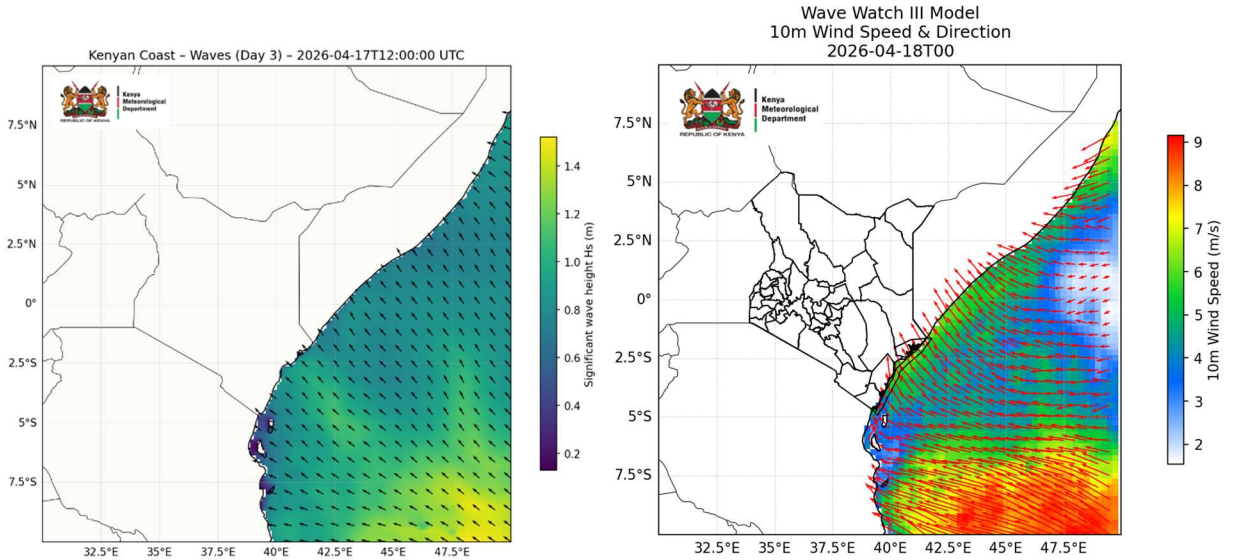
Wave height: 0.2 m to 1.2m (\approx 0.6– 3.6ft)

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



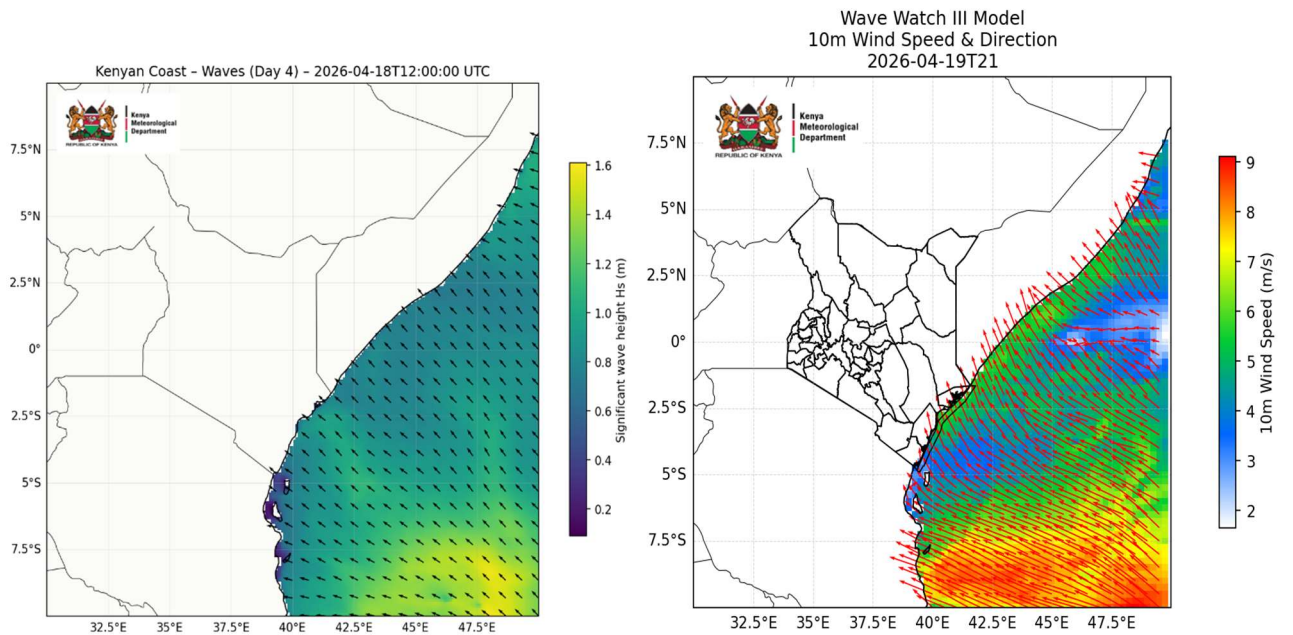
2.3 Saturday 18th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.2m (≈ 0.6– 3.6ft) 10m Winds: 06 -16 knots (≈3– 8m/s)



2.4 Sunday 19th April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

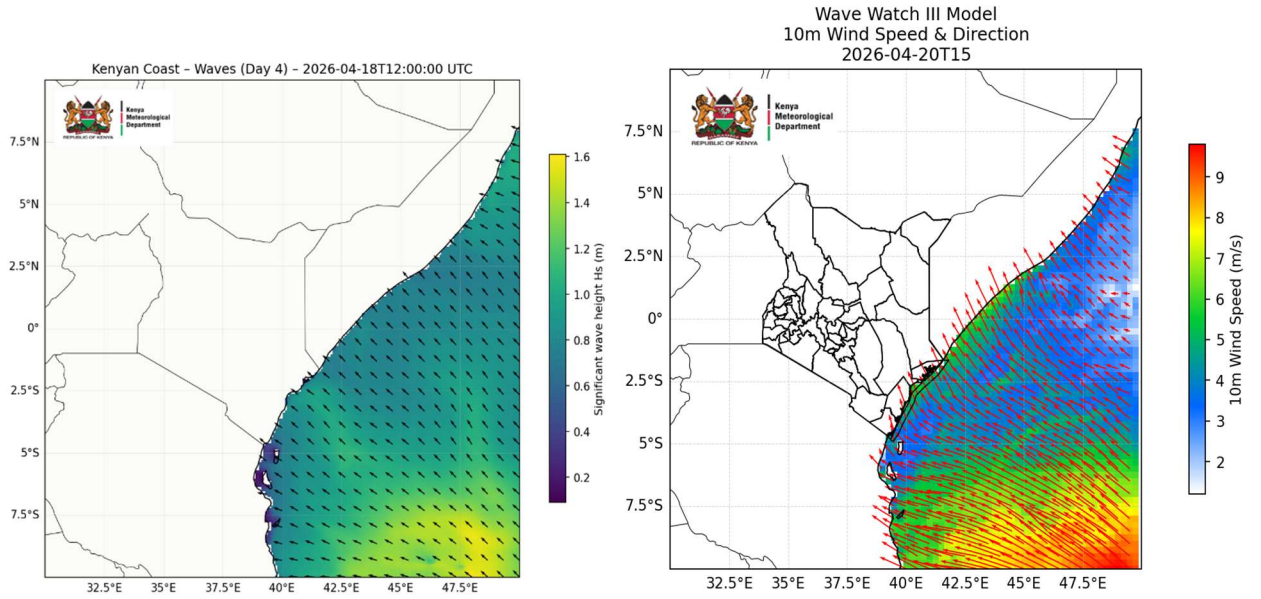
Wave height: 0.2 m to 1.2m (≈ 0.6– 3.6ft) 10m Winds: 04-16 knots (≈ 02 – 08m/s)



2.5 Monday 20th 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– 3.0ft)

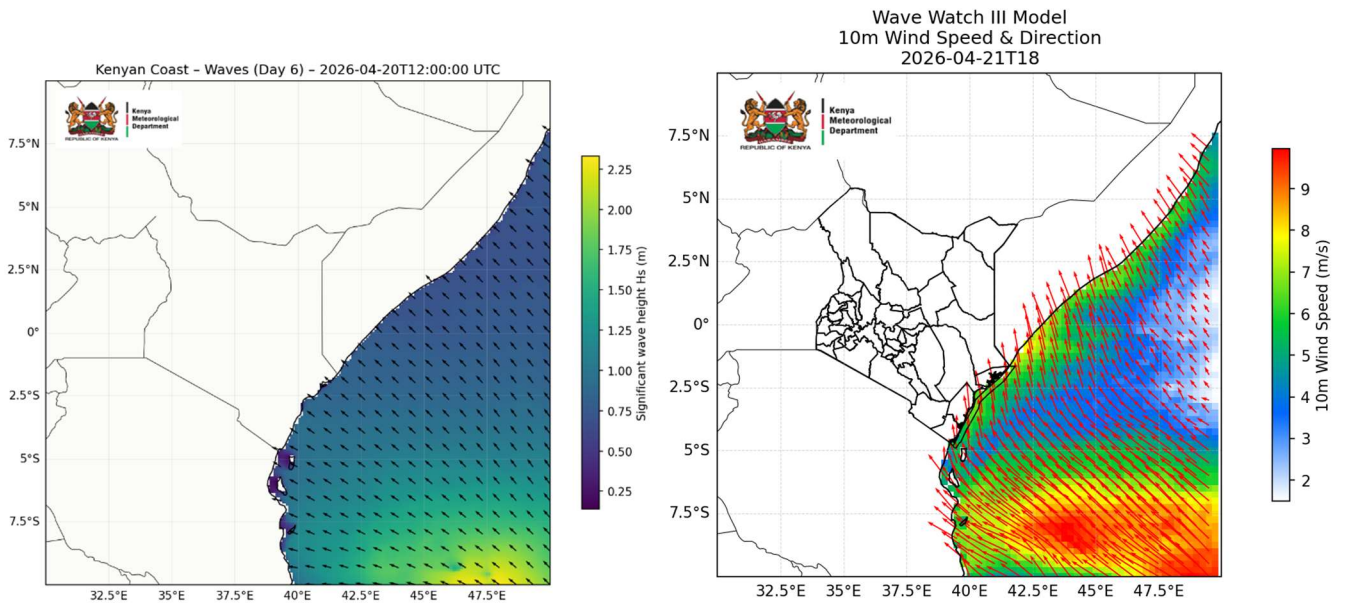
10m Winds: 04-16knots (\approx 2– 8m/s)



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

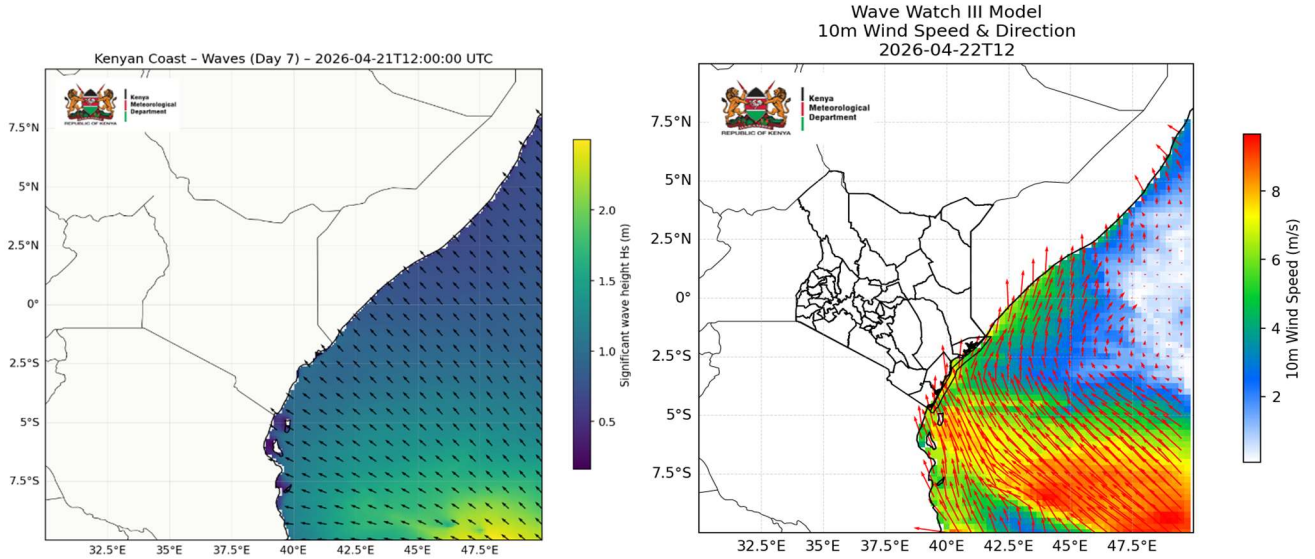
Wave height: 0.4 m to 1.2m (\approx 1.2– 3.6ft)

10m Winds: 04-18knots (\approx 2 – 9m/s)



2.7 Wednesday 22nd 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 (≈ 0.6– 3.6ft) 10m Winds: 04-16 knots (≈ 2 – 8m/s)

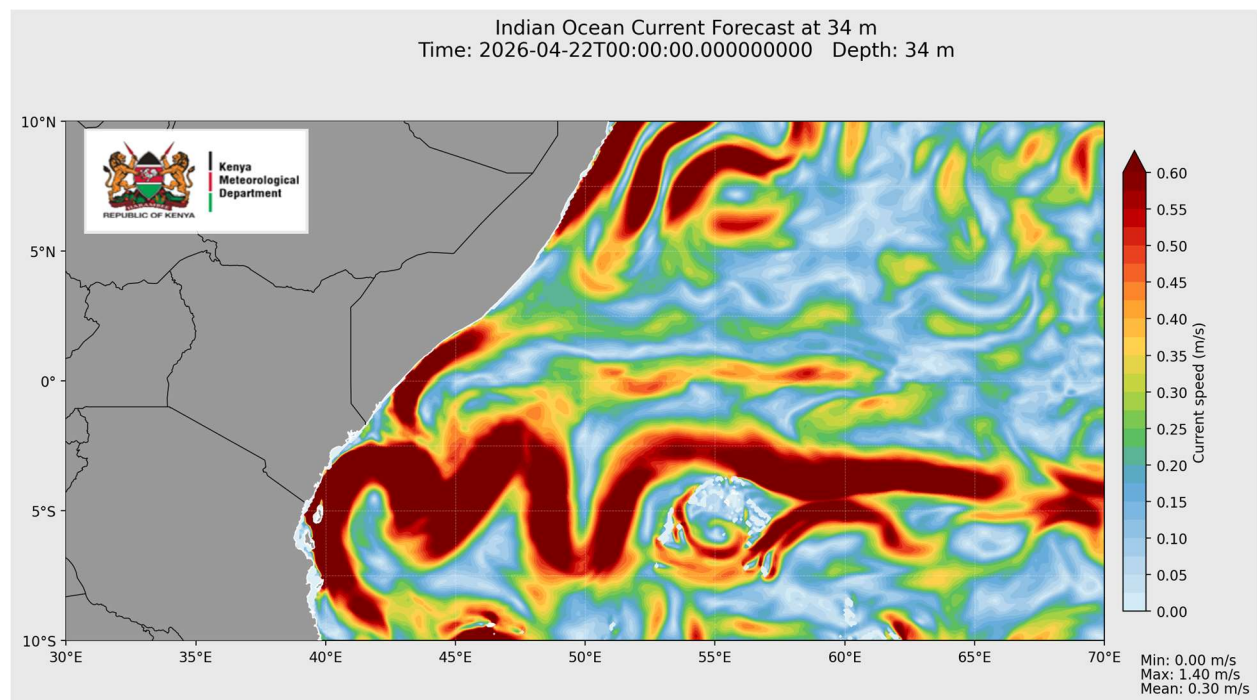


3.0 TIDE FORECAST VALID FROM 16TH April, 2026 TO 22ND April, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Thu 16 th April, 2026	1 st Tide	03:28AM	3.22 m	09:27 AM	0.43 m
	2 nd Tide	03:43 PM	3.61 m	09:55 PM	0.22 m
Fri 17 th April, 2026	1 st Tide	04:04AM	3.36 m	09:58 AM	0.27 m
	2 nd Tide	04:16 PM	3.84 m	10:31 PM	0.05 m
Sat 18 th April, 2026	1 st Tide	04:39AM	3.41 m	10:30 AM	0.19 m
	2 nd Tide	04:51 PM	3.98 m	11:07 PM	-0.01 m
Sun 19 th April, 2026	1 st Tide	05:28 PM	3.99 m	11:45 PM	0.05 m
	2 nd Tide	05:53AM	3.25 m	11:40 AM	0.28 m

Mon 20th April, 2026	1st Tide	05:53AM	3.25 m	11:40 AM	0.28 m
	2nd Tide	06:07 PM	3.87 m		
Tue 21st April, 2026	1st Tide	06:33AM	3.05 m	12:26 AM	0.23 m
	2nd Tide	06:49 PM	3.63 m	12:18 PM	0.47 m
Wed 22nd April, 2026	1st Tide	07:17AM	2.80 m	01:10 AM	0.50 m
	2nd Tide	07:36 PM	3.30 m	01:01 PM	0.74 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID
16/04/2026 TO 22/04/2026**



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