REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
KENYA METEOROLOGICAL SERVICE AUTHORITY

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: 254 (0) 20 3867880-7, 0724 255 153/4
E-mail: director@meteo.go.ke, info@meteo.go.ke **Website:** https://www.meteo.go.ke

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7-Day Marine Forecast for the Kenya Coast and Off Shore Areas Along the Western Indian Ocean Region Validity: 10/11/2026 - 16/11/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

North-North-Easterly to South-South-Easterly winds are expected over Kenya, Tanzania and Somalia waters with wind speeds of 02 to 18 knots (1-9m/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 0.2-1.8m (≈ 0.6-5.4ft) throughout the forecast period.

1.3 Sea condition

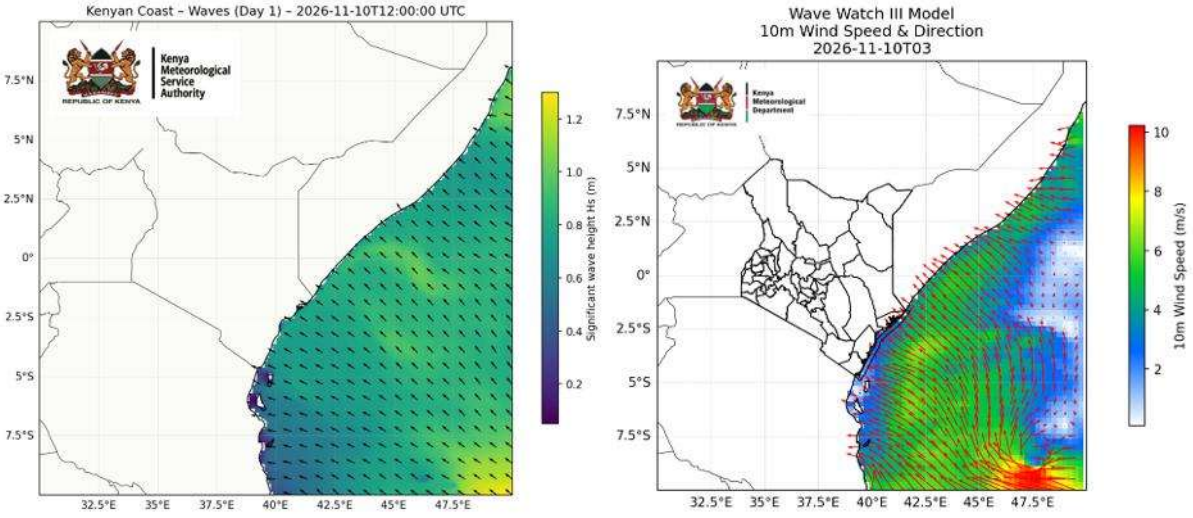
- Light to fresh breeze with wind speeds of 02 to 18 knots (1-9m/s) expected over Kenya Tanzania and Somalia waters throughout the forecast period.

- Slight to moderate Sea condition with wave heights of 0.2-1.8sm (≈ 0.6-5.4ft) expected over Kenya, Tanzania and Somalia waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 10TH NOVEMBER, 2026 TO 16TH NOVEMBER, 2026.

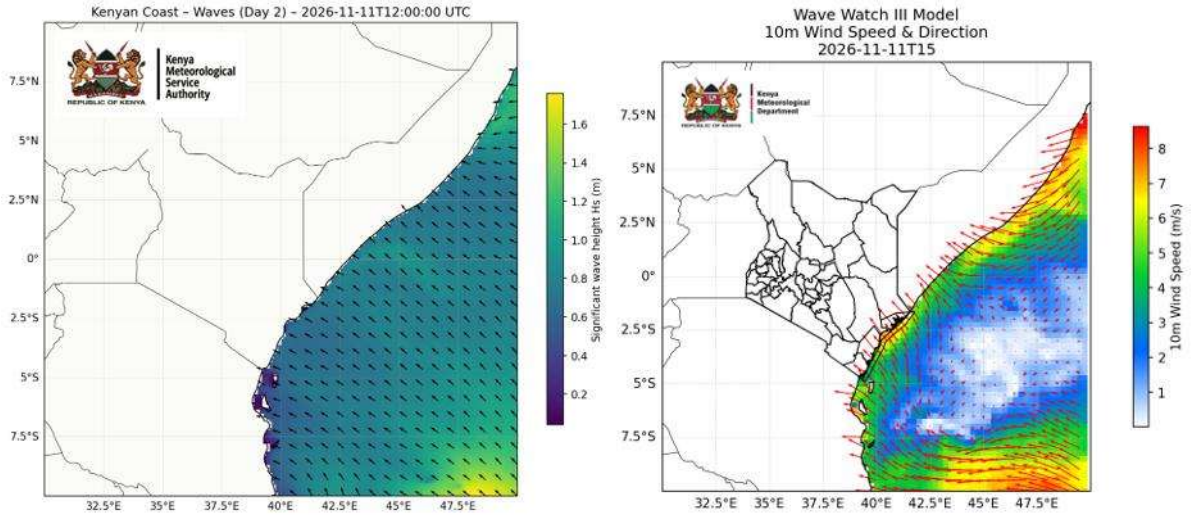
2.1 Tuesday 10th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.2 m (≈ 0.2 -3.6ft) 10m Winds: 4-20 knots (≈ 2– 10m/s)



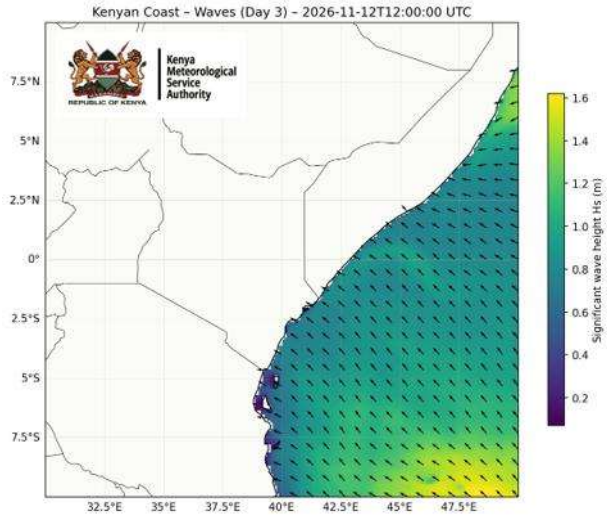
2.2 Wednesday 11thNovember 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

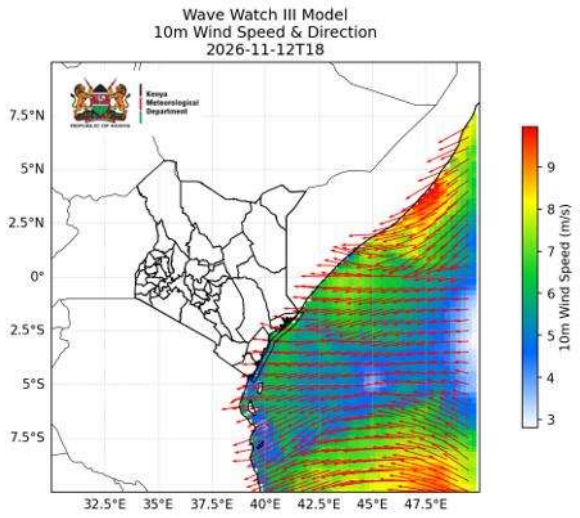
Wave height: 0.2 m to 1.6 m (≈ 0.6–3.6ft) 10m Winds: 02-16 knots (≈ 1–8m/s)



2.3 Thursday 12th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

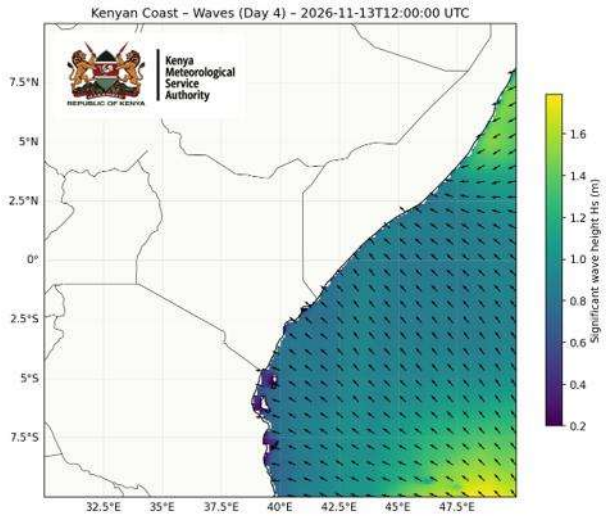
Wave height: 0.2 m to 1.6 m (≈ 0.6– 4.8ft) 10m Winds: 6-18 knots (≈ 3 –9m/s)

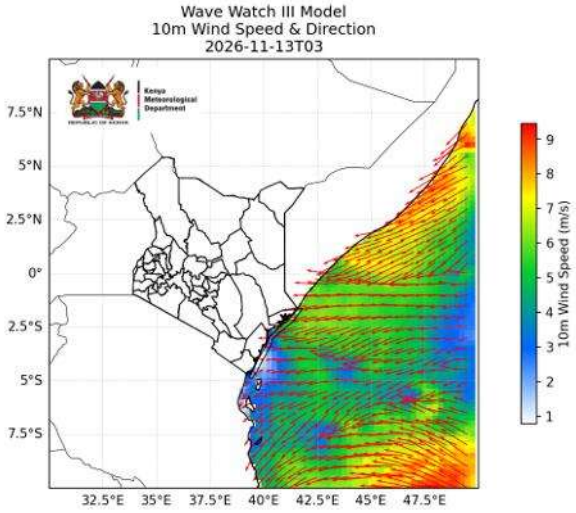




2.4 Friday 13th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

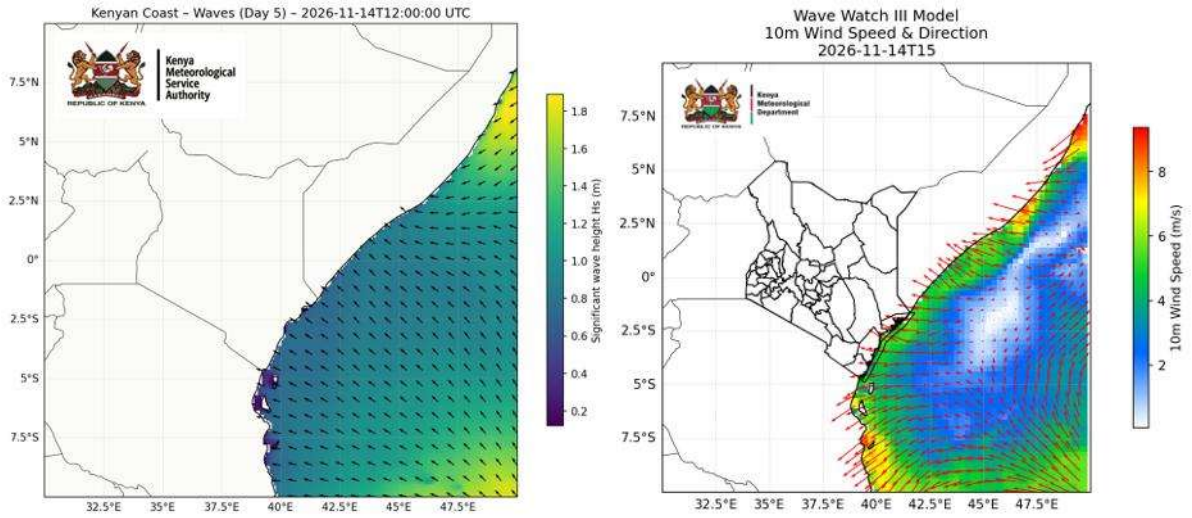
Wave height: 0.2 m to 1.6m (≈ 0.6– 4.8ft) 10m Winds: 2-18 knots (≈ 1– 9m/s)





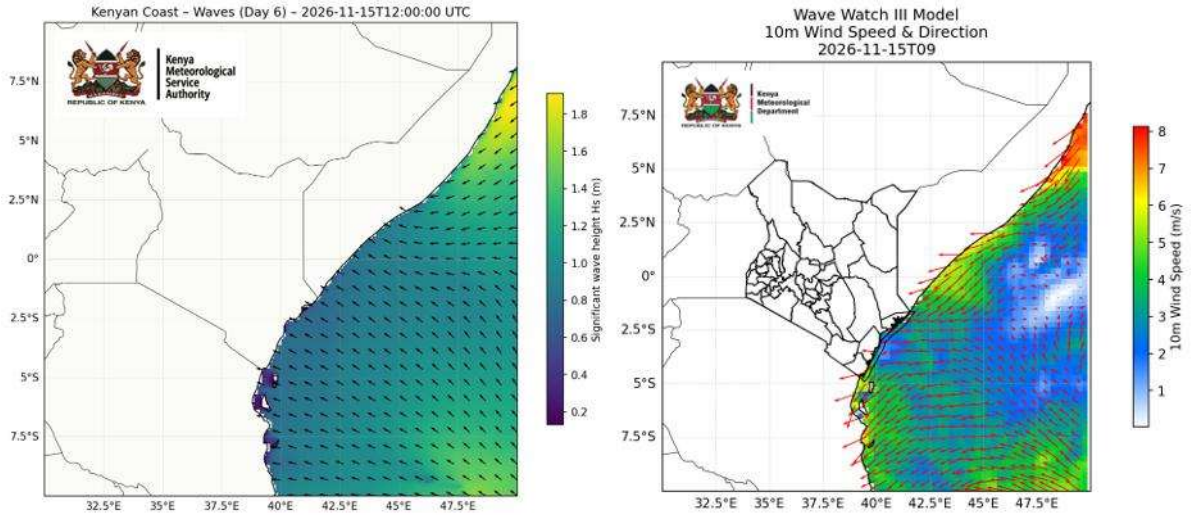
2.5 Saturday 14th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2m to 1.8m (≈0.6– 5.4ft) 10m Winds:6-16 knots (≈ 2– 8m/s)



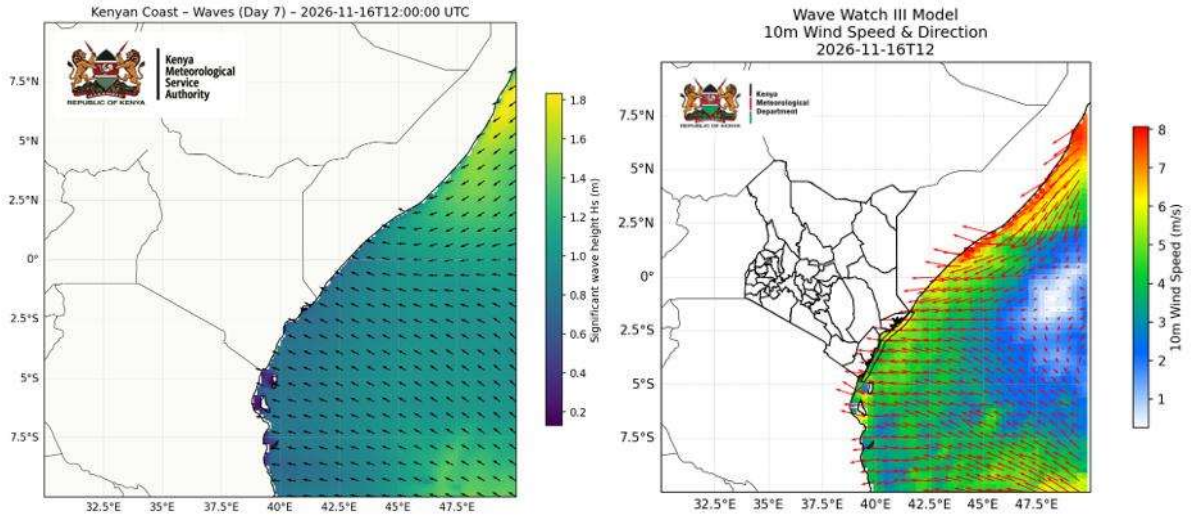
2.6 Sunday 15th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.8 m (≈ 0.6– 5.4ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)



2.7 Monday 16th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.8m (≈ 0.6– 5.4ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)

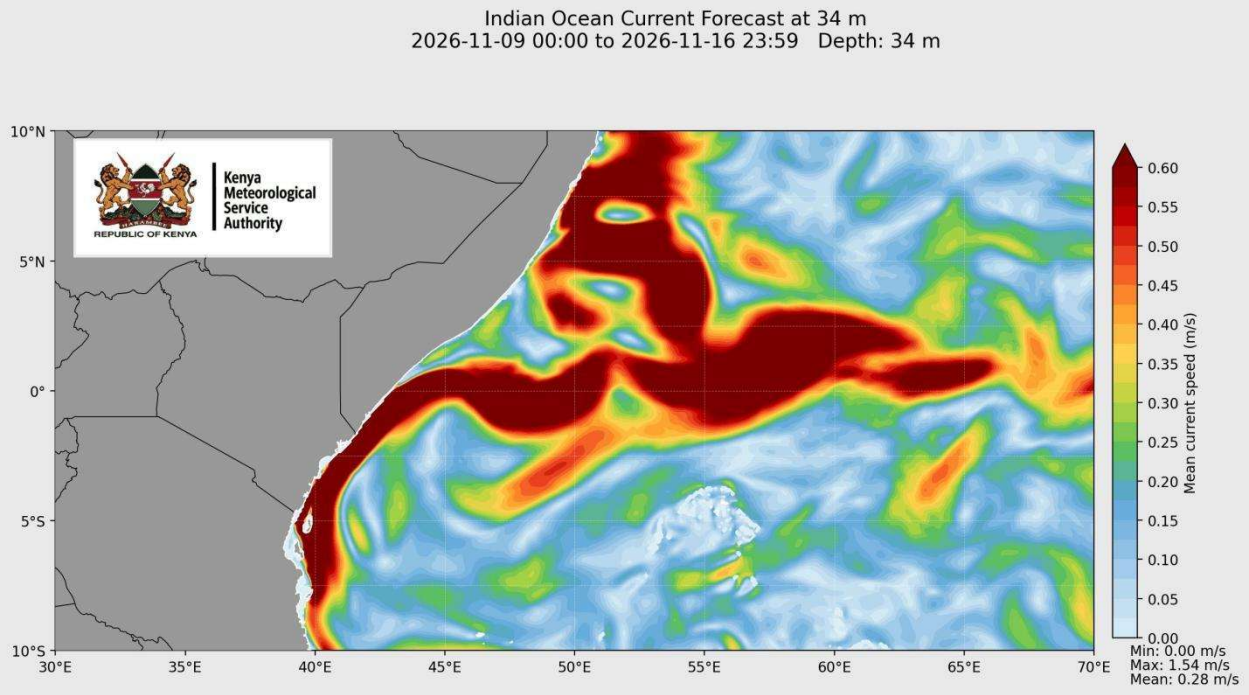


3.0 TIDE FORECAST VALID FROM 10TH NOVEMBER, 2026 TO 16TH NOVEMBER, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Tue 10th November, 2026	1st Tide	04:25 AM	3.61 m	10:42 AM	0.27 m
	2nd Tide	04:47 PM	2.99 m	10:33 PM	0.46 m
Wed 11th November, 2026	1st Tide	04:54 AM	3.56 m	11:12 AM	0.32 m
	2nd Tide	05:17 PM	2.92 m	11:02 PM	0.54 m
Thu 12th November, 2026	1st Tide	05:16 AM	3.59 m	11:40 AM	0.46 m
	2nd Tide	05:40 PM	2.9 m	11:30 PM	0.71 m
Fri 13th November, 2026	1st Tide	05:53 AM	3.32 m		
	2nd Tide	06:18 PM	2.68 m	12:14 PM	0.57 m

Sat 14th November, 2026	**1st Tide**	06:25 AM	3.13 m	00:02 AM	0.82 m
	2nd Tide	06:54 PM	2.53 m	12:49 PM	0.75 m
Sun 15th November, 2026	**1st Tide**	7:00 AM	2.92 m	00:35 AM	1.01 m
	2nd Tide	7:37 PM	2.37 m	1:28 PM	0.93 m
Mon 16th November, 2026	**1st Tide**	7:42 AM	2.69 m	1:15 AM	1.22 m
	2nd Tide	8:35 PM	2.25 m	2:18 AM	1.1 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECOND (M/S) FORECAST VALID 10TH NOVEMBER, 2026 TO 16TH NOVEMBER, 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!!!!**
4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	**Warning in place and marine activities on hold**

KEY ON SEA STATE

	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.

Phillip Okello



For Ag. DIRECTOR GENERAL, KENYA METEOROLOGICAL SERVICE AUTHORITY