REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
KENYA METEOROLOGICAL SERVICE AUTHORITY
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7-Day Marine Forecast for the Kenya Coast and Off Shore Areas Along the Western Indian Ocean Region Validity: 11/11/2026 - 17/11/2026

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 20 knots (1-10m/s) throughout the forecast period.

1.2 Sig. Wave Height and Direction:

Easterly to South-Easterly waves are expected over Kenya and Tanzania waters with wave heights of 0.2-1.4m (≈ 0.6-4.2ft) throughout the forecast period.

East North Easterly to South-Easterly waves are expected over Somalia waters with wave heights of 0.2-2.0m (≈ 0.6-6.0ft) throughout the forecast period.

1.3 Sea condition

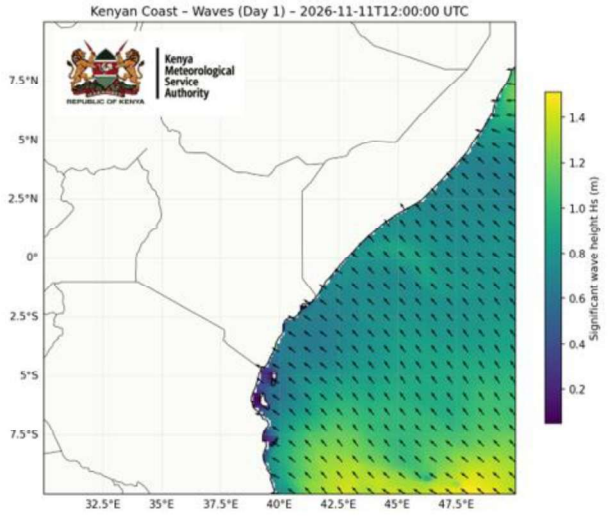
- Light to fresh breeze with wind speeds of 02 to 20 knots (1-10m/s) expected over Kenya Tanzania and Somalia waters throughout the forecast period.

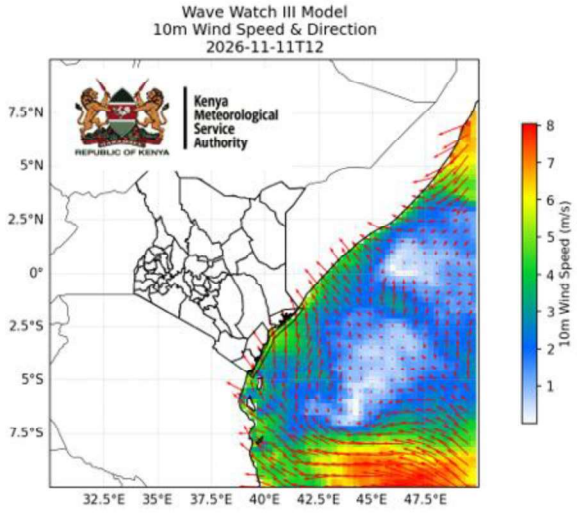
- Slight to moderate Sea condition with wave heights of 0.2-1.4m (≈ 0.6-4.2ft) expected over Kenya and Tanzania waters throughout the forecast period.
- Slight to moderate Sea condition with wave heights of 0.2-2.0 m (≈ 0.6-6.0ft) expected over Somalia waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 11TH NOVEMBER, 2026 TO 17TH NOVEMBER, 2026.

2.1 Wednesday 11th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

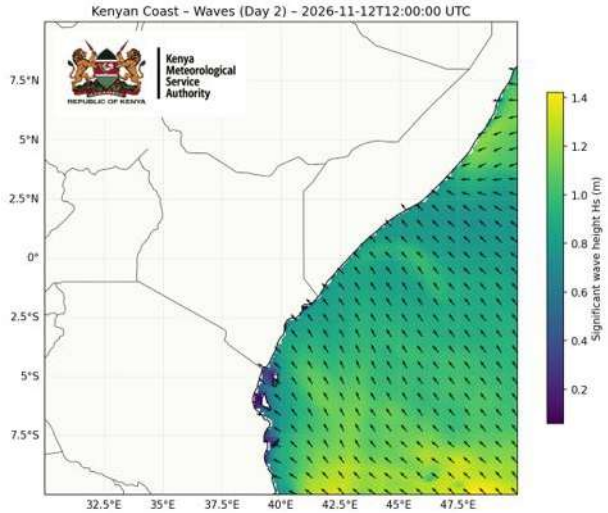
Wave height: 0.2 m to 1.4 m (≈ 0.2 -4.2ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)

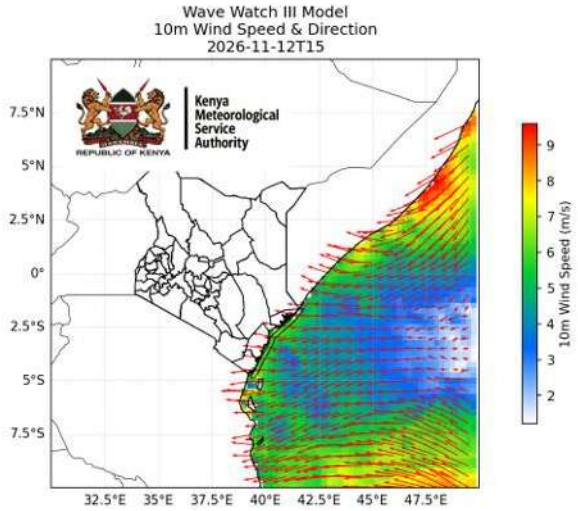




2.2 Thursday 12th November 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

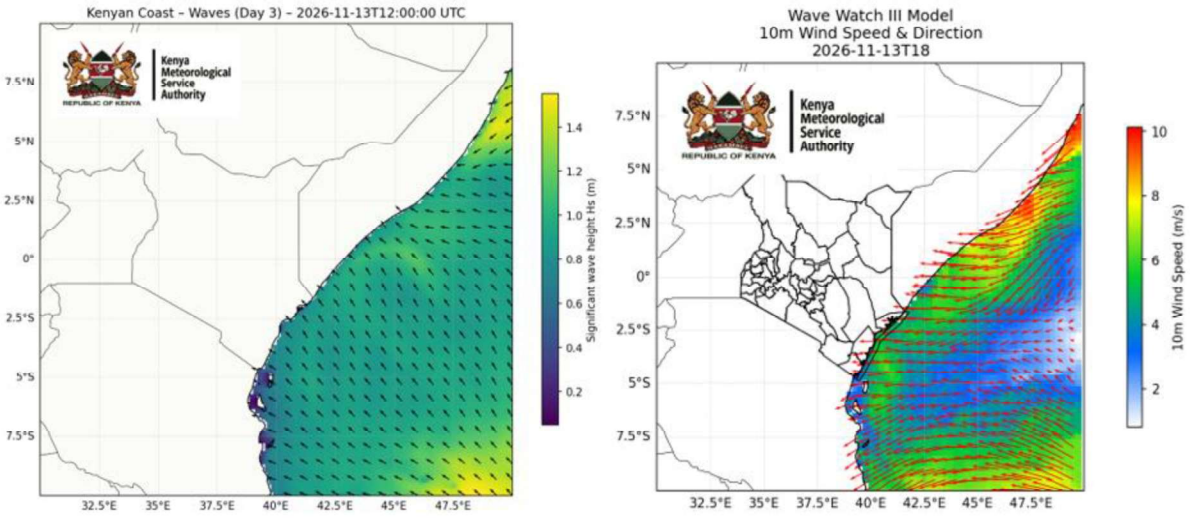
Wave height: 0.2 m to 1.4 m (≈ 0.6–4.2ft) 10m Winds: 02-16 knots (≈ 2–9m/s)





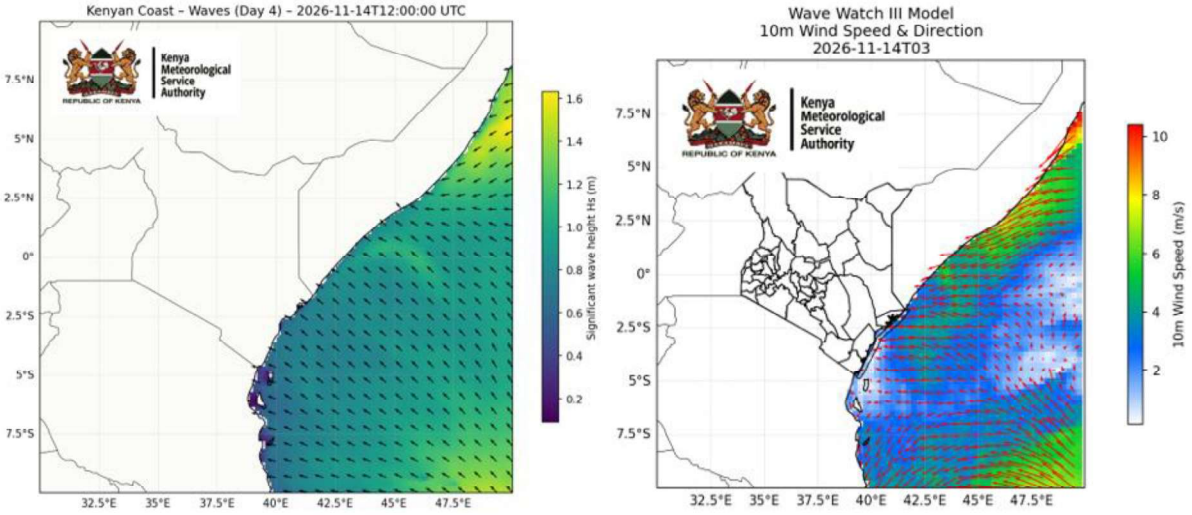
2.3 Friday 13th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 1.4 m (≈ 0.6– 4.2ft) 10m Winds: 4-20 knots (≈ 2 –10m/s)



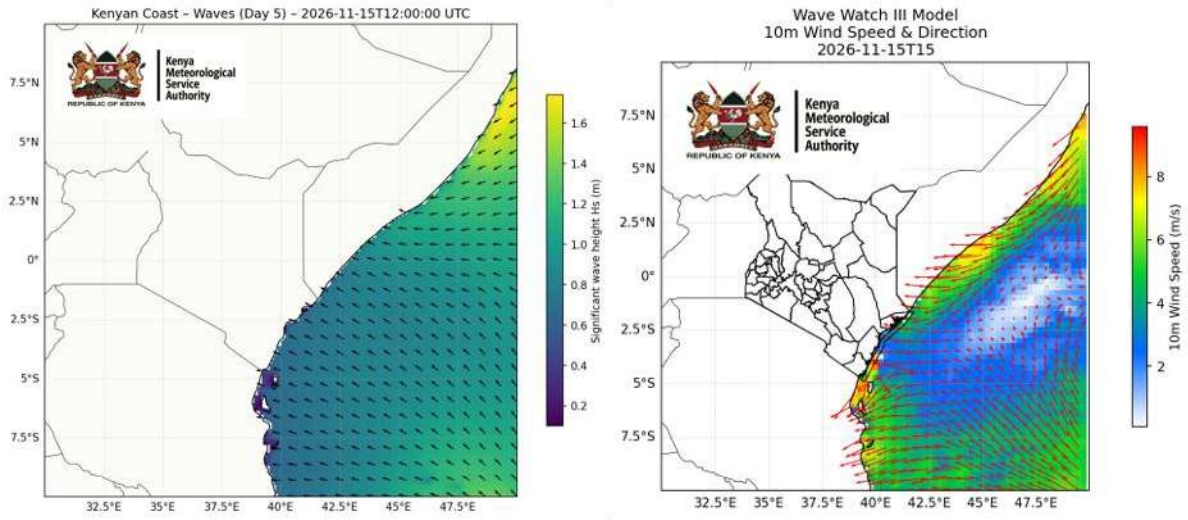
2.4 Saturday 14th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

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



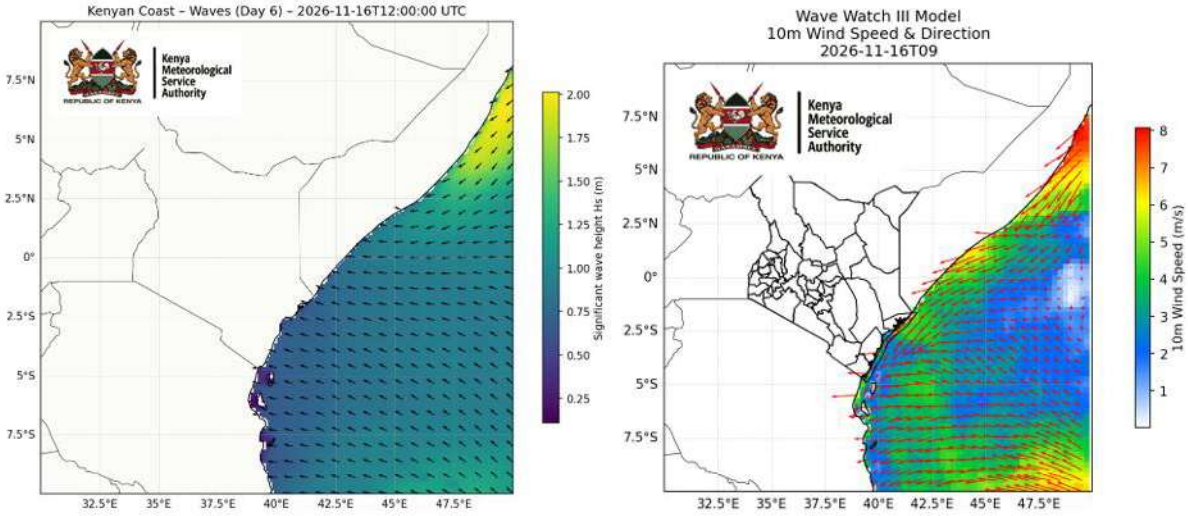
2.5 Sunday 15th November, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2m to 1.6m (≈0.6– 3.6ft) 10m Winds:6-16 knots (≈ 2– 8m/s)



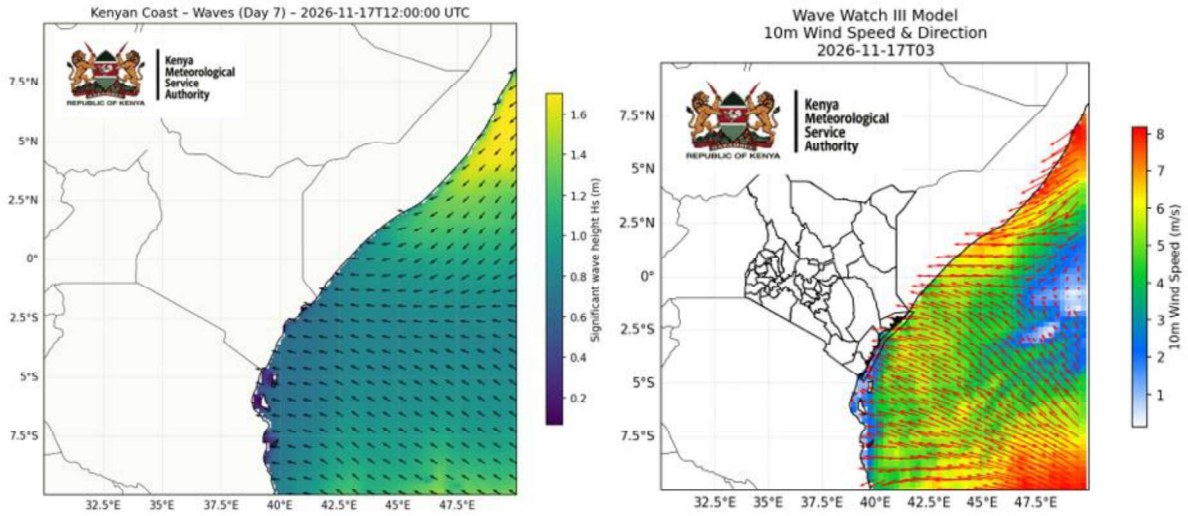
2.6 Monday 16thNovember, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.2 m to 2.0 m (≈ 0.6– 6.0ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)



2.7 Tuesday 17th 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– 3.6ft) 10m Winds: 2-16 knots (≈ 1– 8m/s)

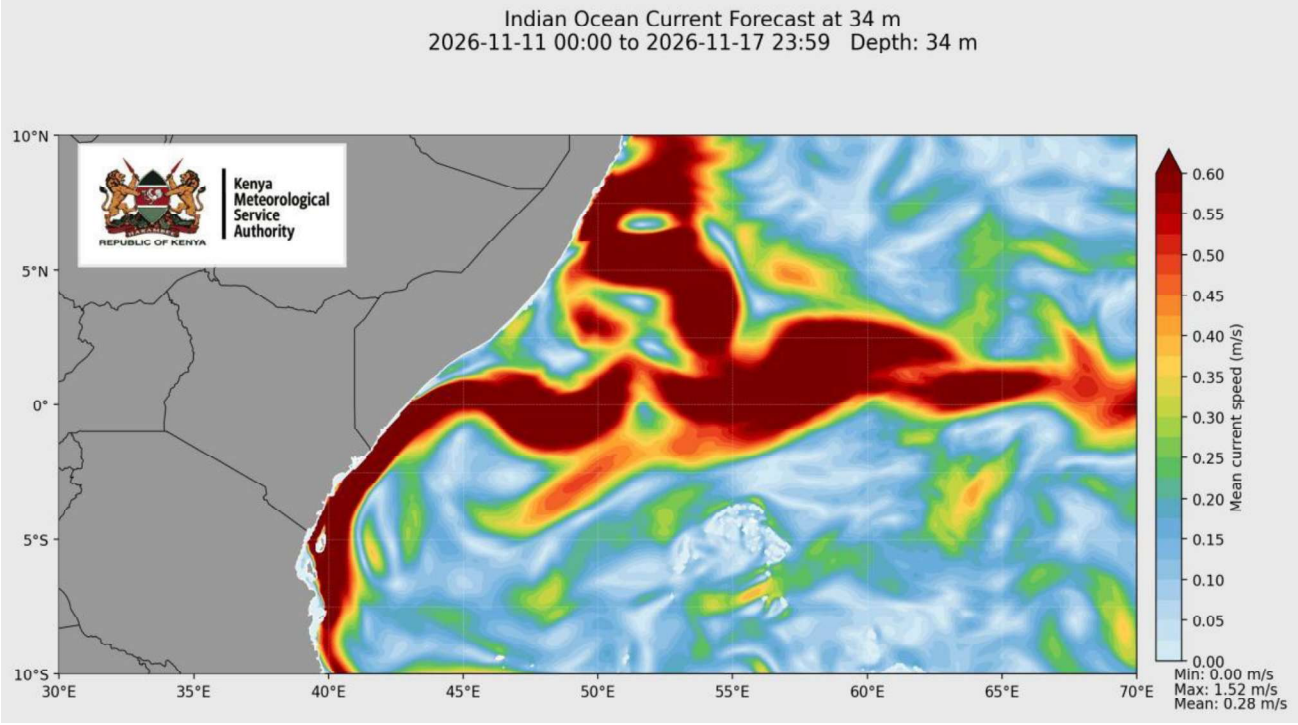


3.0 TIDE FORECAST VALID FROM 11TH NOVEMBER, 2026 TO 17TH NOVEMBER, 2026.

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
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
Tue 17th November, 2026	**1st Tide**	8:41 AM	2.47 m	2:13 AM	1.42 m
	2nd Tide	10:00 PM	2.21 m	3:28 PM	1.23 m

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECOND (M/S) FORECAST VALID 11TH NOVEMBER, 2026 TO 17TH 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