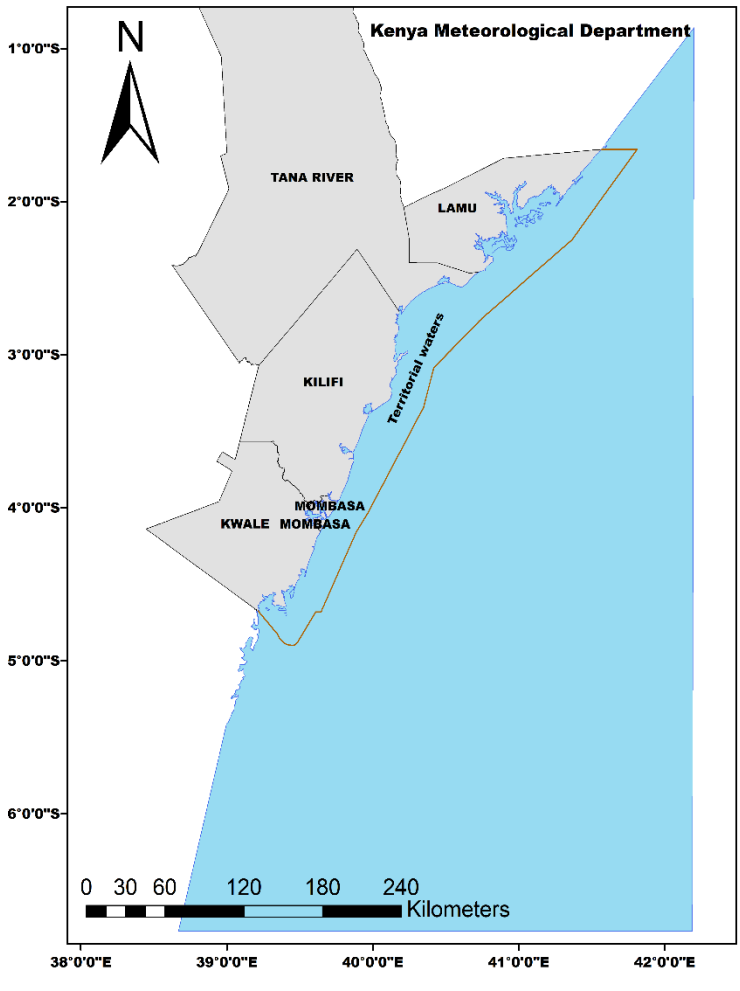
REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 4th November, 2026
Valid: 0000 EAT on 5th November, 2026 to 0000 EAT on 6th November 2026.



GENERAL OUTLOOK

Morning sea state:

- Predominantly light and variable winds (4-7 knots) with smooth to slight chop seas. ESE waves of 3-4ft (0.9-1.2m) with small to moderate mid period waves of (10sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light to breezy E to SE winds (8-16knots) with moderate choppy seas. ESE waves of 3ft (0.9m) with small to moderate mid period waveBs of (10sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Visibility:

- Moderate visibility **(9-10 km)** expected in Kwale, Mombasa, Kilifi and Lamu.

COASTAL COUNTIES MARINE NEAR SHORE FORECAST

i. KWALE

- Morning Winds: ESE 4 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: E 12 to 16 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Sunrise**: 5:58 AM** and sunset: **6:14 PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **1:22 AM: 2.94m, 1:39 PM: 2.92m**
- Low Tide**: 7:39 AM: 0.99m, 7:52 PM: 0.77 m**

ii. MOMBASA

- Morning Winds: SE 5 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate mid period waves.
- Afternoon Winds: ESE 11 to 15 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate mid period waves.
- Sunrise: **5:56 AM** and Sunset: **6:12 PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 1:27 AM: 2.81m, 1:47 PM: 2.72 m**
  Low Tide: **7:43 AM: 0.93m, 7:51 PM: 0.77m**

iii.KILIFI

- Morning Winds: SE 5 to 6 knots.
- Morning Waves: ESE 4 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate mid period waves.
- Afternoon Winds: E 11 to 14 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate mid period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:18 AM: 2.62m, 1:39 PM: 2.51m**
- Low Tide: **7:35 AM: 0.81m, 7:41 PM: 0.67m**

iv. LAMU

- Morning Winds: SE 6 to 7 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light SE winds with a slight chop. Moderate mid period waves.
- Afternoon Winds: ESE 8 to 11 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Moderate mid period waves.
- Sunrise: **5:53AM** and Sunset: **6:06PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:20 AM: 2.52m, 1:38 PM: 2.39m**
- Low Tide: **7:36 AM: 0.78m, 7:41 PM: 0.63m**

Advisory

- Slight to moderate sea conditions are expected with a significant wave height of **0.9 to 1.2m** in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of **04-16knots** expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period.

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 – 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

WIND	RANGE	DESCRIPTIONS	IMPACT
	< 1 – 6 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!!!!!**

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