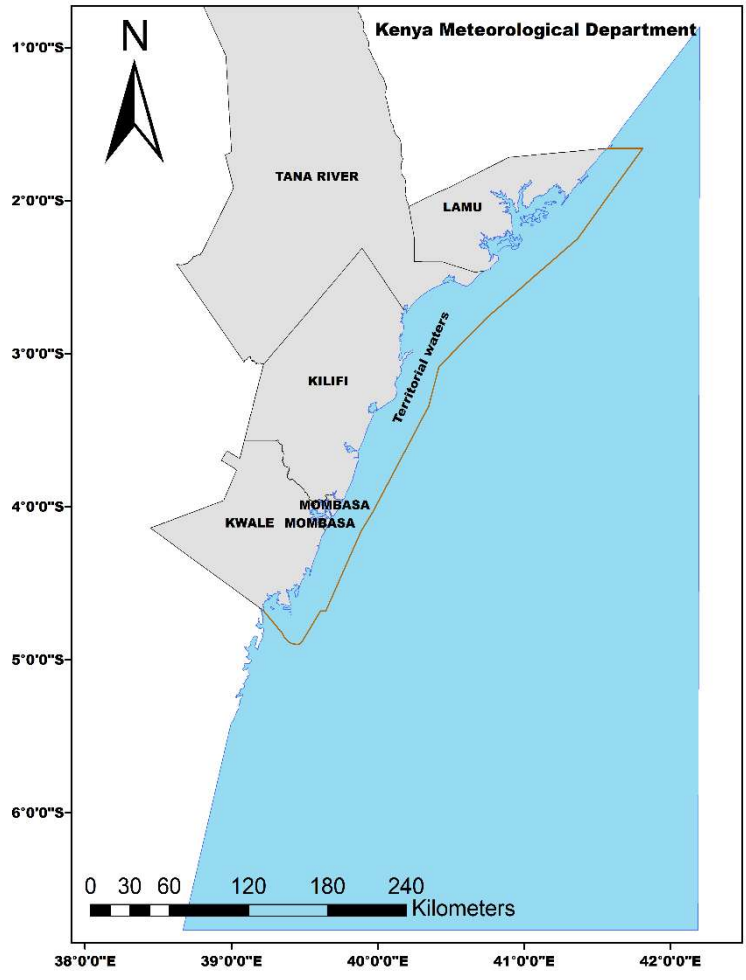
REPUBLIC OF KENYA

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

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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 1st November, 2026
Valid: 0000 EAT on 2nd November, 2026 to 0000 EAT on 3rd November 2026.



GENERAL OUTLOOK

Morning sea state:

- Light and variable winds (1-5 knots) with smooth seas. ESE to SE waves of 2-3ft (0.6-0.9m) with small to moderate mid period waves of (9-11sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light to breezy E to ESE winds (09-15knots) with slight to moderate choppy seas. ESE to SE waves of 2-3ft (0.6-0.9m) with small to moderate mid period waves 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: S 1 to 2 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: E 11 to 14 knots.
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Sunrise**: 5:58AM** and sunset: **6:14PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **9:25AM;2.73m, 10:52PM;2.41m**
- Low Tide**: 2:39AM;1.33m, 4:05PM;1.18m**

ii. MOMBASA

- Morning Winds: SSW 3 to 4 knots.
- Morning Waves: ESE 3 feet at 11 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate mid period waves.
- Afternoon Winds: E 9 to 12 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Light E winds with a slight chop. Small mid period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 9:22AM;2.66m, 10:42PM;2.29m**
  Low Tide: **2:37AM;1.23m, 4:09PM;1.12m**

iii.KILIFI

- Morning Winds: S 2 to 3 knots.
- Morning Waves: SE 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: E 10 to 12 knots.
- Afternoon Waves: SE 3 feet at 10 seconds.
- Afternoon sea state: Light E winds with a slight chop. Moderate mid period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:14AM;2.41m, 10:41PM;2.11m**
- Low Tide: **2:35AM;1.1m, 4:02PM;0.97m**

iv. LAMU

- Morning Winds: ESE 4 to 5 knots.
- Morning Waves: SE 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: ESE 11 to 15 knots.
- Afternoon Waves: SE 3 feet at 10 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate mid period waves.
- Sunrise: **5:54AM** and Sunset: **6:05PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:12AM;2.33m, 10:41PM;2.01m**
- Low Tide: **2:34AM;1.06m, 4:04PM;0.92m**

Advisory

- Slight sea conditions are expected with a significant wave height of **0.6 to 0.9m** in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of **01-15knots** 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!!!!** **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 – 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