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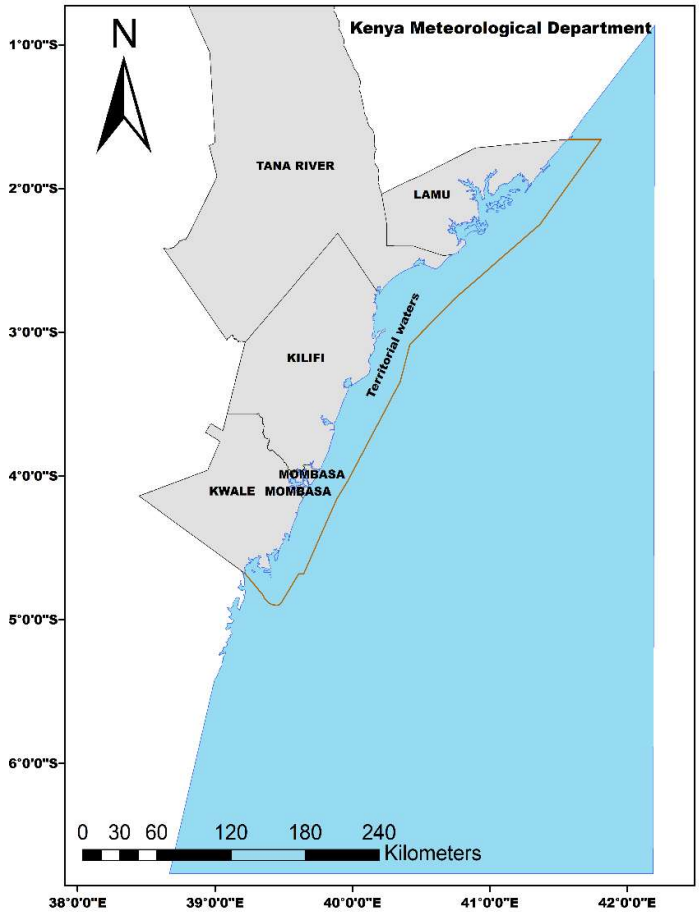
DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 11th April, 2026
Valid: 0000 EAT on 12th April, 2026 to 0000 EAT on 13th April, 2026.



GENERAL OUTLOOK

Morning sea state:

- Light to moderate to strong S to SW winds (04-16knots) with smooth to choppy seas. ESE to SE waves of 4-5ft (1.2 - 1.5m) with Small very short period waves. of (8 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light SE to SSE winds (07-10knots) with slight to choppy seas. SE waves of 2-3ft (0.6 - 0.9m) with very Small to small short period waves of (7-8sec) 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: SSW 15 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Moderate to strong SSW winds with choppy seas. Small short period waves.
- Afternoon Winds: SSE 9 knots.
- Afternoon Waves: SE 2 feet at 7 seconds.
- Afternoon sea state: Light SSE winds with a slight chop. Very small short period waves.
- Sunrise: **6:22AM** and sunset: **6:23PM**
- Visibility: Moderate **(9-10 km**)
- High Tide**: 1:17 PM;2.4m**
- Low Tide: **7:06AM;1.4m, 7:15PM;1.4m**

ii. MOMBASA

- Morning Winds: SW 12 to 16 knots.
- Morning Waves: SE 4 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: SSE 8 to 10 knots.
- Afternoon Waves: SE 3 feet at 8 seconds.
- Afternoon sea state: Light SSE winds with a slight chop. Small short period waves.
- Sunrise: **6:21AM** and sunset: **6:22PM**
- Visibility: **Moderate (9-10 km**)
- High Tide: **1:19PM;2.3m**
- Low Tide**: 6:56AM;1.4m, 7:10PM;1.5m**

iii. KILIFI

- Morning Winds: SW 9 to 16 knots.
- Morning Waves: SE 5 feet at 8 seconds.
- Morning sea state: Light SW winds with a slight chop. Small short period waves.
- Afternoon Winds: SSE 8 to 10 knots.
- Afternoon Waves: SE 3 feet at 8 seconds.
- Afternoon sea state: Light SSE winds with a slight chop. Small short period waves
- Sunrise: **6:20AM** and Sunset: **6:22PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:27PM;2m**
- Low Tide: **6:58AM;1.1m, 7:08PM;1.3m**

iv. LAMU

- Morning Winds: S 4 to 8 knots.
- Morning Waves: SE 4 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: SE 7 to 10 knots
- Afternoon Waves: SE 3 feet at 8 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Small short period waves
- Sunrise: **6:15AM** and Sunset: **6:19PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:30PM;1.9m**
- Low Tide: 7:01**AM;1.1m, 7:09PM;1.3m**

Advisory

- Slight sea conditions are expected with a significant wave height of 0.6 -1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle 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.

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For DIRECTOR,
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