REPUBLIC OF KENYA

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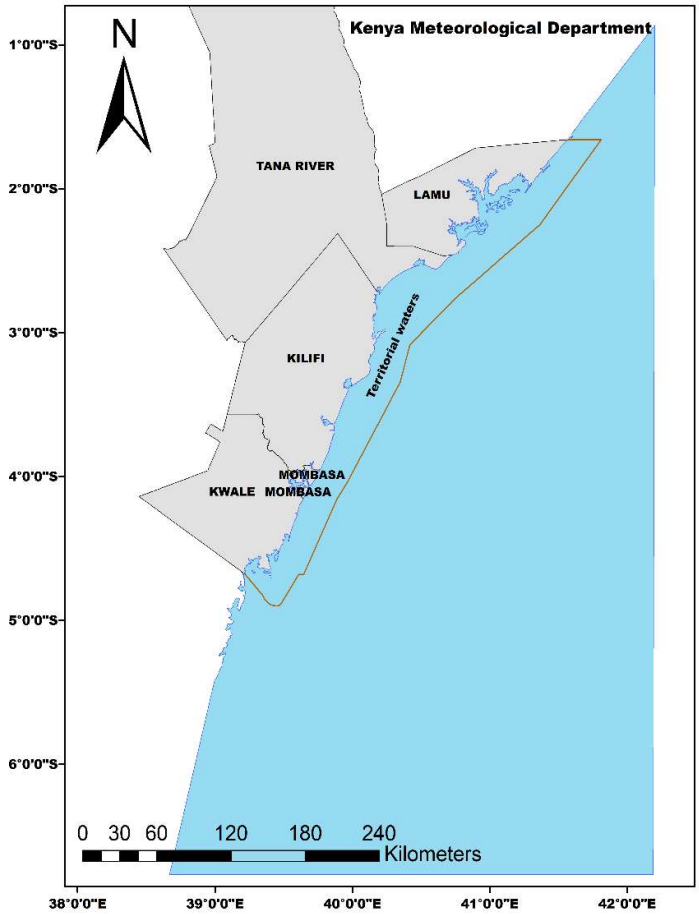
DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 9TH MARCH, 2026
Valid: 0000 EAT on 10TH MARCH, 2026 to 0000 EAT on 11TH MARCH, 2026.



GENERAL OUTLOOK

Morning sea state:

- Light and variable, predominantly ESE winds (02-06knots) with smooth to slightly choppy seas. ESE waves of 2-3ft (0.6-0.9m) with very small mid period waves of (10sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light E to ESE winds (08-10knots) with slightly choppy seas. ESE waves of 2-3ft (0.6m-0.9m) with very small 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: N 2 to 3 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: E 8 to 9 knots.
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small mid period waves.
- Sunrise: **6:28AM** and sunset: **6:37PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **7:33AM;2.57m, 7:56PM;2.88m**
- Low Tide: **1:42AM;0.96m, 1:32PM;1.02m**

ii. MOMBASA

- Morning Winds: ESE 3 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: E 8 knots.
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small mid period waves.
- Sunrise: **6:27AM** and sunset: **6:35PM**
- Visibility: **Moderate (9-10 km**)
- High Tide: **7:39AM;2.59m, 8:03PM;2.87m**
- Low Tide**: 1:45AM;0.95m, 1:33PM;0.97m**

iii.KILIFI

- Morning Winds: ESE 6 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light ESE winds with a slight chop. Very small mid period waves.
- Afternoon Winds: E 9 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small mid period waves.
- Sunrise: **6:27AM** and Sunset: **6:35PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:25AM;2.23m, 7:47PM;2.53m**
- Low Tide: **1:37AM;0.76m, 1:22PM;0.81m**

iv. LAMU

- Morning Winds: ESE 4 to 5 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: ESE 8 to 10 knots.
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Very small mid period waves.
- Sunrise: **6:22AM** and Sunset: **6:30PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:26AM;2.13m, 7:49PM;2.45m**
- Low Tide: **1:40AM;0.73m, 1:22PM;0.76m**

Advisory

- Slight sea conditions are expected with a significant wave height of 0.6-0.9m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of 02-10knots 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
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