



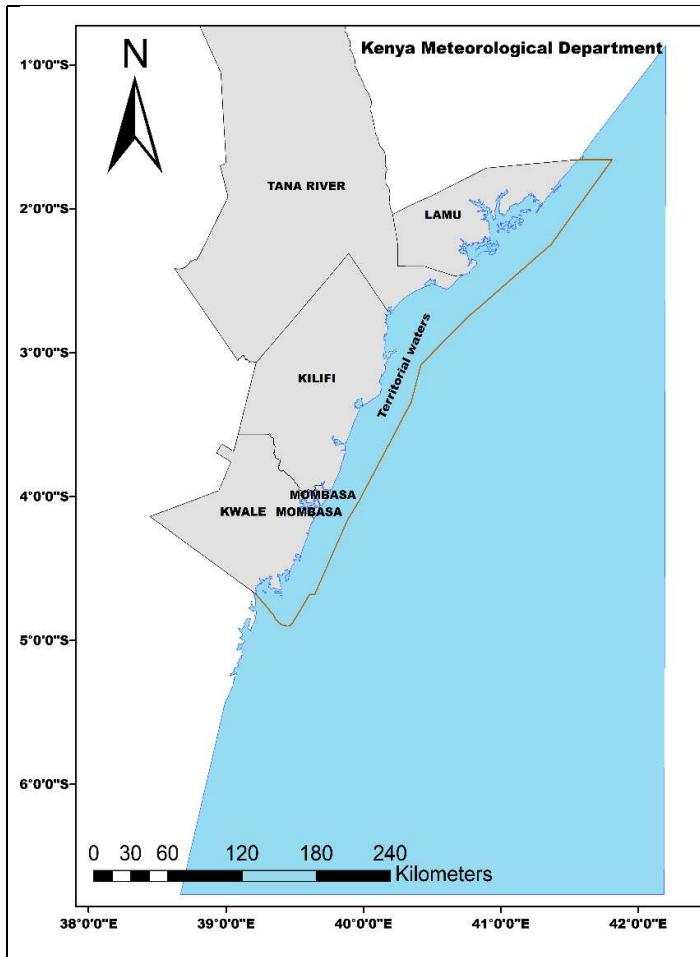
REPUBLIC OF KENYA
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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 10th January, 2026

Valid: 0000 EAT on 11th January, 2026 to 0000 EAT on 12th January, 2026.



GENERAL OUTLOOK

Morning sea state:

- Calm to Light breeze WNW to NNE winds (02-05knots) with smooth to choppy seas. ENE to E waves of 3-5ft (0.9-1.5m) with small short period waves of (9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Gentle to fresh breeze ENE to E winds (11-21knots) with moderate to choppy seas. ENE to E waves of 4ft (1.2m) with small short period waves of (9sec) 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: NW 5 knots.
- Morning Waves: ENE 5 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: ENE 18 to 21 knots.
- Afternoon Waves: ENE 4 feet at 9 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small short period waves.
- Sunrise: **6:18AM** and sunset: **6:41PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **9:34AM;2.46m, 10:22PM;2.71m**
- Low Tide: **3:24AM;1.24m, 3:29PM;1.18m**

ii. MOMBASA

- Morning Winds: WNW 4 knots.
- Morning Waves: ENE 4 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: ENE 15 to 18 knots.
- Afternoon Waves: ENE 4 feet at 9 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:18AM** and sunset: **6:39PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **9:25AM;2.38m, 10:18PM;2.68m**
- Low Tide: **3:34AM;1.24m, 3:32PM;1.09m**

iii. KILIFI

- Morning Winds: NNW 3 knots.
- Morning Waves: E 4feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 16 to 19 knots.
- Afternoon Waves: E 4 feet at 9 seconds.
- Afternoon sea state: Moderate to strong E winds with choppy seas. Small short period waves.
- Sunrise: **6.19AM** and sunset: **6:38PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:14AM;2.10m, 10:09PM;2.40m**
- Low Tide: **3:25AM;1.10m, 3:20PM;0.96m**

iv. LAMU

- Morning Winds: NNE 2 knots.
- Morning Waves: E 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 11 to 18 knots.
- Afternoon Waves: E 4 feet at 9 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves
- Sunrise: **6:16AM** and Sunset: **6:31PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:13AM;2.01m, 10:10PM;2.32m**
- Low Tide: **3:28AM;1.06m, 3:21PM;0.90m**

Advisory

- Slight to moderate sea conditions are expected with a significant wave height of 0.9-1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Calm to fresh breeze of 02-21 knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Small boats to be Cautious while carrying out marine activities especially in kwale areas.**

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

| 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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