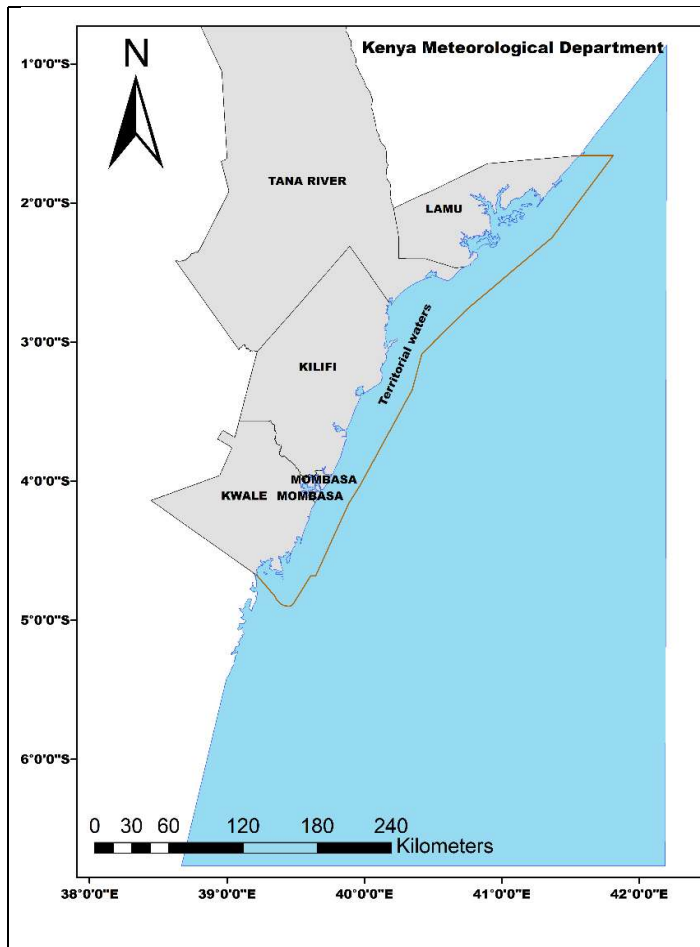




REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE
KENYA METEOROLOGICAL DEPARTMENT
Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: 254 (0) 20 3867880-7, **Fax:** 254 (0) 20 3876955/3877373/3867888,
e-mail: director@meteo.go.ke, info@meteo.go.ke **Website:** <http://www.meteo.go.ke>

DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST
Issued at: 1500 EAT on 13th May 2026
Valid: 0000 EAT on 14th May, 2026 to 0000 EAT on 15th May, 2026.



GENERAL OUTLOOK

Morning sea state:

- Breezy S to SSW winds (10-18knots) with moderate choppy seas. ESE waves of 4-5ft (1.2-1.5m) with small short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Breezy S winds (12-18knots) with moderate choppy seas. ESE waves of 4-5ft (1.2-1.5m) with small short to moderate short period waves of (7-9sec) 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: SSW 11 to 14 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: S 13 to 16 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:21AM** and sunset: **6:17PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:05AM;2.89m,2:25PM;3.45m**
- Low Tide: **8:04AM;0.72m, 8:47PM;0.53m**

ii. MOMBASA

- Morning Winds: SSW 11 to 14 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: S 12 to 17 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:19AM** and sunset: **6:15PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:09AM;2.79m,2:28PM;3.35m**
- Low Tide: **8:04AM;0.74m, 8:49PM;0.52m**

iii. KILIFI

- Morning Winds: SSW 10 to 16 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: S 14 to 18 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **6:19AM** and Sunset: **6:16PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:59AM;2.52m,2:17PM;3.07m**
- Low Tide: **7:55AM;0.59m, 8:40PM;0.37m**

iv. LAMU

- Morning Winds: S 12 to 18 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: S 12 to 17 knots.
- Afternoon Waves: ESE 5 feet at 7 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:12AM** and Sunset: **6:13PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:59AM;2.4m,2:18PM;2.95m**
- Low Tide: **7:55AM;0.57m, 8:43PM;0.35m**

Advisory

- Slight to moderate sea conditions are expected with a significant wave height of 1.2m-1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to fresh breeze of 10-18knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Caution in carrying out marine activities.**

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.

Mr. Kainga & Mr. K. Langat
Duty Analysts
Marine Forecasting Services

For
DIRECTOR,
KENYA METEOROLOGICAL DEPARTMENT