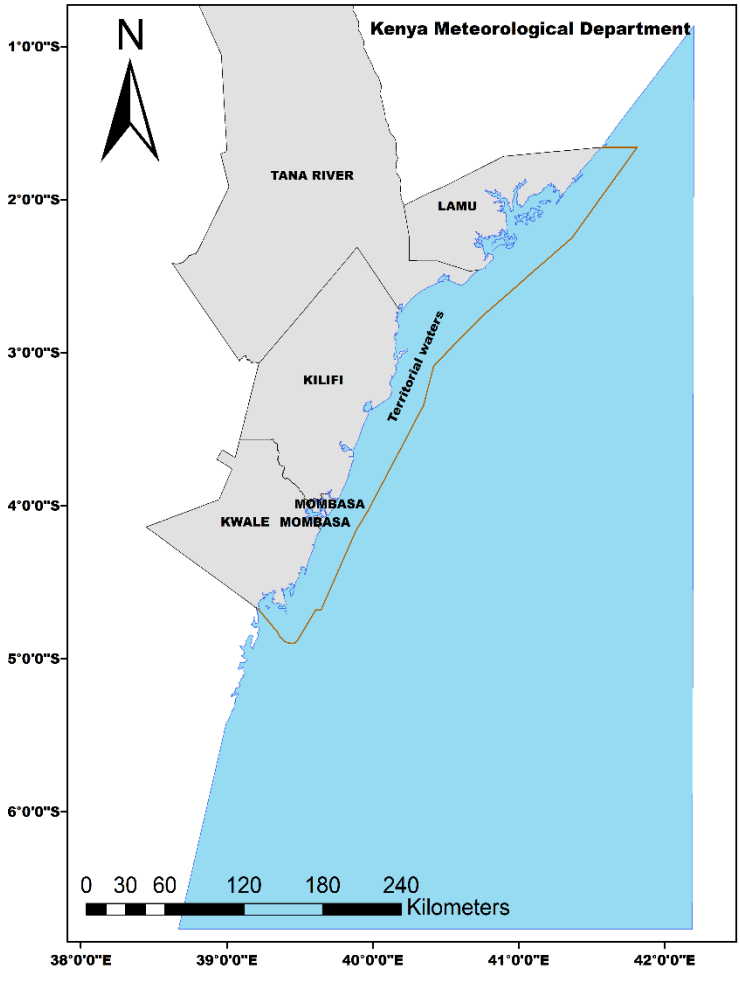
# REPUBLIC OF KENYA

**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 28th October, 2026**
**Valid: 0000 EAT on 29th October, 2026 to 0000 EAT on 30th October 2026.**




## GENERAL OUTLOOK

### Morning sea state:

- Light SE to WNW winds (2-8 knots) with smooth to slight chop seas. ESE waves of 4ft (1.2m) with moderate short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

### Afternoon sea state:

- Breezy E to ESE winds (10-16knots) with slight chop to moderate choppy seas. ESE waves of 3-4ft (0.9-1.2m) with moderate short period waves of (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: WNW 3 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: E 12 to 16 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state:Breezy E winds with moderate choppy seas. Moderate short period waves.
- Sunrise**: 5:58 AM** and sunset: **6:14 PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **5:32AM;3.9m,5:56PM;3.1m**
- Low Tide**: 11:56AM;0.2m, 11:53PM;0.5m**

### ii. MOMBASA

- Morning Winds: SW 2 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: E 11 to 15 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 5:40AM;3.8m,6:07PM;3m**
  Low Tide: **12:00 PM; 0.2 m, 11:51PM; 0.4m**

### iii.KILIFI

- Morning Winds: SSE 3 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves..
- Afternoon Winds: E 10 to 13 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:57AM** and Sunset: **6:11 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:28AM;3.5m,5:55PM;2.7m**
- Low Tide: **11:53AM;0m, 11:45PM;0.3m**

### iv. LAMU

- Morning Winds: SE 7 to 8 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light SE winds with a slight chop. Moderate short period waves.
- Afternoon Winds: ESE 11 to 15 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:54AM** and Sunset: **6:06PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:28AM;3.4m,5:55PM;2.6m**
- Low Tide: **11:56AM;0m, 11:45PM;0.3m**

**Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of **0.9m to 1.5m** in Kwale, Mombasa, Kilifi and Lamu.
- Gentle breeze of **02-16knots** 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.***

Phillip Okello



**For Ag. DIRECTOR GENERAL, KENYA METEOROLOGICAL SERVICE AUTHORITY**