



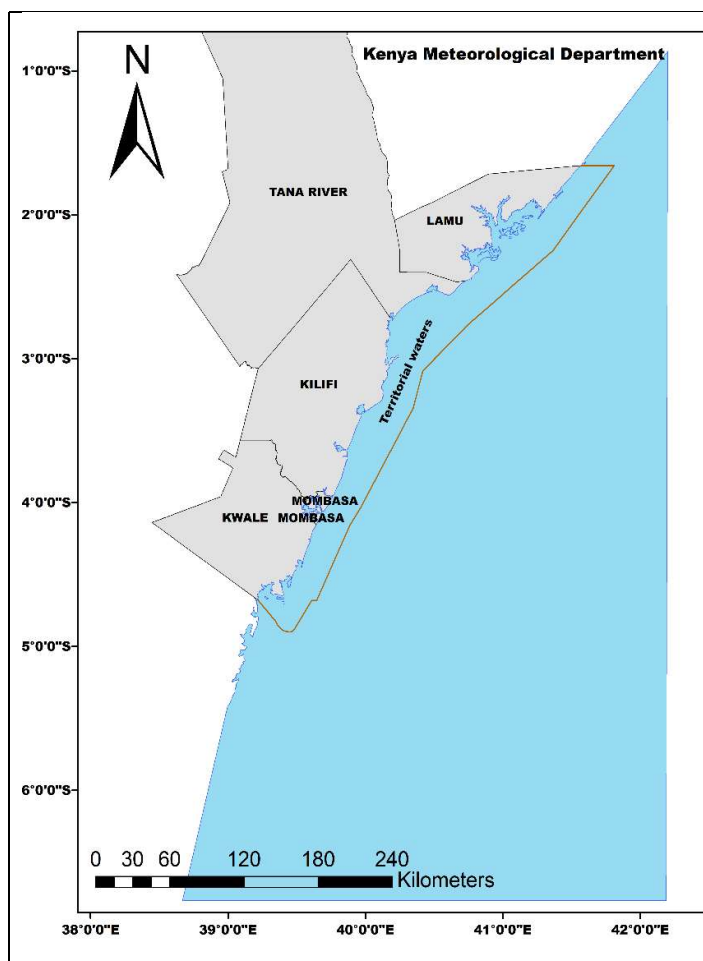
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 25th December, 2025**

**Valid: 0000 EAT on 26<sup>th</sup> December, 2025 to 0000 EAT on 27<sup>th</sup> December, 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Calm to Gentle breeze NNW to NNE winds (02-14knots) with smooth to moderate choppy seas. ENE to ESE waves of 4ft (0.6m) with short to mid period waves of (9-10sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to strong breeze E to ENE winds (11-23knots) with moderate choppy to choppy seas. ENE to E waves of 4-5ft (0.6-1.5m) with small very short to mid period waves of (5-10sec) 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: NNW 11 to 14 knots.
- Morning Waves: ENE 4 feet at 9 seconds.
- Morning sea state: Breezy NNW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: ENE 18 to 23 knots.
- Afternoon Waves: ENE 5 feet at 8 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small short period waves.
- Sunrise: **6:12AM** and sunset: **6:34PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **7:43AM;2.98m, 8:28PM;2.83m**
- Low Tide: **1:34AM;0.99m, 2:05PM;0.78m**

### **ii. MOMBASA**

- Morning Winds: N 7 to 10 knots.
- Morning Waves: E 4 feet at 10 seconds.
- Morning sea state: Light N winds with a slight chop. Small mid period waves.
- Afternoon Winds: ENE 13 to 17 knots.
- Afternoon Waves: ESE 4 feet at 10 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:11AM** and sunset: **6:32PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **7:47AM;2.97m, 8:30PM;2.79m**
- Low Tide: **1:31AM;0.96m, 2:05PM;0.72m**

### **iii. KILIFI**

- Morning Winds: NNW 5 to 8 knots.
- Morning Waves: ENE 4 feet at 9 seconds.
- Morning sea state: Light NNW winds with a slight chop. Small short period waves.
- Afternoon Winds: ENE 11 to 15 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:12AM** and sunset: **6:31PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:32AM;2.72m, 8:16PM;2.6m**
- Low Tide: **1:24AM;0.83m, 1:55PM;0.57m**

### **iv. LAMU**

- Morning Winds: N 2 knots.
- Morning Waves: ESE 4 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: E 11 to 20 knots.
- Afternoon Waves: E 4 feet at 5 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small very short period waves.
- Sunrise: **6:09AM** and Sunset: **6:24PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:31AM;2.62m, 8:18PM;2.45m**
- Low Tide: **1:25AM;0.81m, 1:57PM;0.53m**

### Advisory

- Slight to moderate sea conditions are expected with a significant wave height of 0.6-1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Calm to strong breeze of 02-23knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. The prevailing conditions are not suitable for marine operations.

### KEY ON SEA STATE

| WAVE HEIGHT RANGE<br>(Meters)           | DESCRIPTION       | IMPACT   |
|---|-------------------|--|
| 0.6 – 1.0 m ( $\approx$ 1.8 – 3.0 ft)   | Slight            | Conditions suitable for Marine activities                              |
| 1.0 – 1.9 m ( $\approx$ 3.0 – 5.7 ft)   | Slight – Moderate |  |
| 2.0 – 2.9 m ( $\approx$ 6.0 – 8.7 ft)   | Moderate-Rough    | Caution on operating marine activities                                 |
| 3.0 – 4.0 m ( $\approx$ 9.0 – 12.0 ft)  | Rough             | Warning in place!!!!<br>Warning in place and marine activities on hold |
| 4.1 – 5.5 m ( $\approx$ 12.3 – 16.5 ft) | Very Rough        |  |

### 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 – $\geq$ 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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