



**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
**KENYA METEOROLOGICAL SERVICE AUTHORITY**

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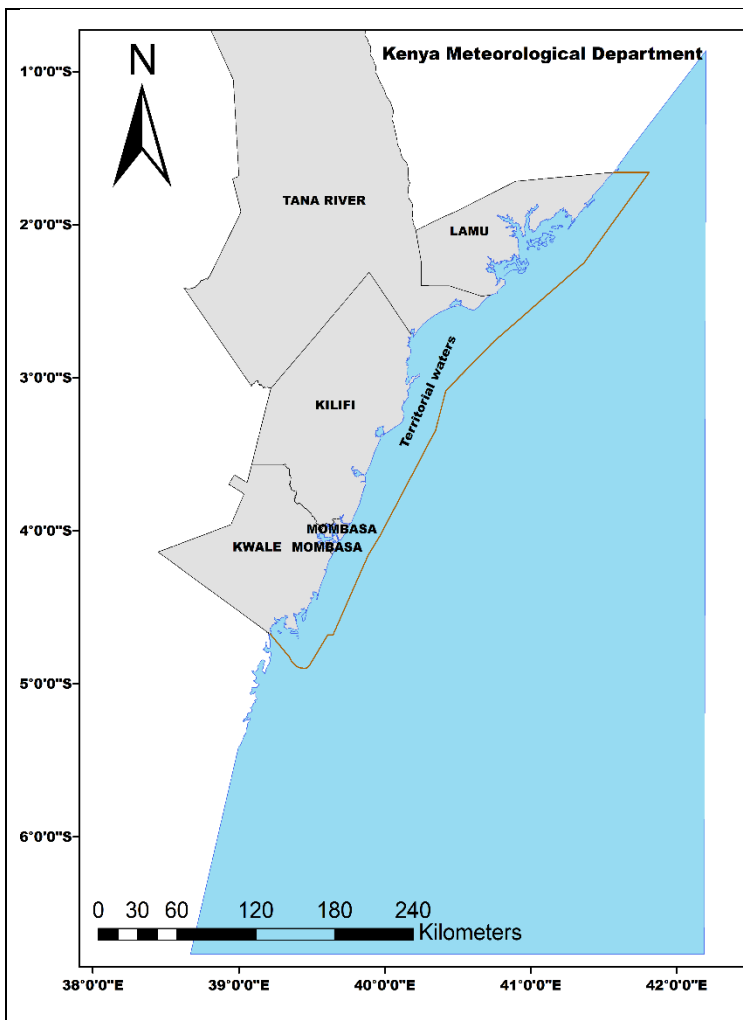
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 1<sup>st</sup> June, 2026**

**Valid: 0000 EAT on 2<sup>nd</sup> June, 2026 to 0000 EAT on 3<sup>rd</sup> June, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light S to SW winds (7-11knots) with slight choppy seas. ESE to SE waves of 4-5ft (1.2-1.5m) with moderate short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Breezy S winds (11-18knots) with moderate choppy seas. ESE waves of 4-5ft (1.2-1.5m) 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: SW 9 to 11 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light SW winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 12 to 16 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **6:24AM** and sunset: **6:18PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **5:12AM;2.87m, 5:18PM;3.48m**
- Low Tide: **10:59AM;0.73m, 11:45PM;0.56m**

### ii. MOMBASA

- Morning Winds: SW 8 to 11 knots.
- Morning Waves: SE 5 feet at 8 seconds.
- Morning sea state: Light SW winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 12 to 17 knots.
- Afternoon Waves: ESE 5 feet at 8 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **6:22AM** and sunset: **6:16PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:18AM;2.8m, 5:22PM;3.38m**
- Low Tide: **11:00AM;0.74m, 11:46PM;0.54m**

### iii. KILIFI

- Morning Winds: SSW 7 to 11 knots.
- Morning Waves: SE 5 feet at 8 seconds.
- Morning sea state: Light SSW winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 13 to 18 knots.
- Afternoon Waves: ESE 5 feet at 8 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **6:21AM** and Sunset: **6:17PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:10AM;2.5m, 5:14PM;3.06m**
- Low Tide: **10:55AM;0.56m, 11:41PM;0.35m**

### iv. LAMU

- Morning Winds: S 8 to 11 knots.
- Morning Waves: SE 5 feet at 8 seconds.
- Morning sea state: Light S winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 11 to 16 knots.
- Afternoon Waves: ESE 5 feet at 8 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **6:14AM** and Sunset: **6:14PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:11AM;2.37m, 5:14PM;2.95m**
- Low Tide: **10:56AM;0.54m, 11:44PM;0.32m**

## Advisory

- Slight to moderate sea conditions are expected with a significant wave height of 1.2-1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to fresh breeze of 07-18knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Small boasts and crafts are advised to be cautious while venturing into deep sea 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 – 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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