



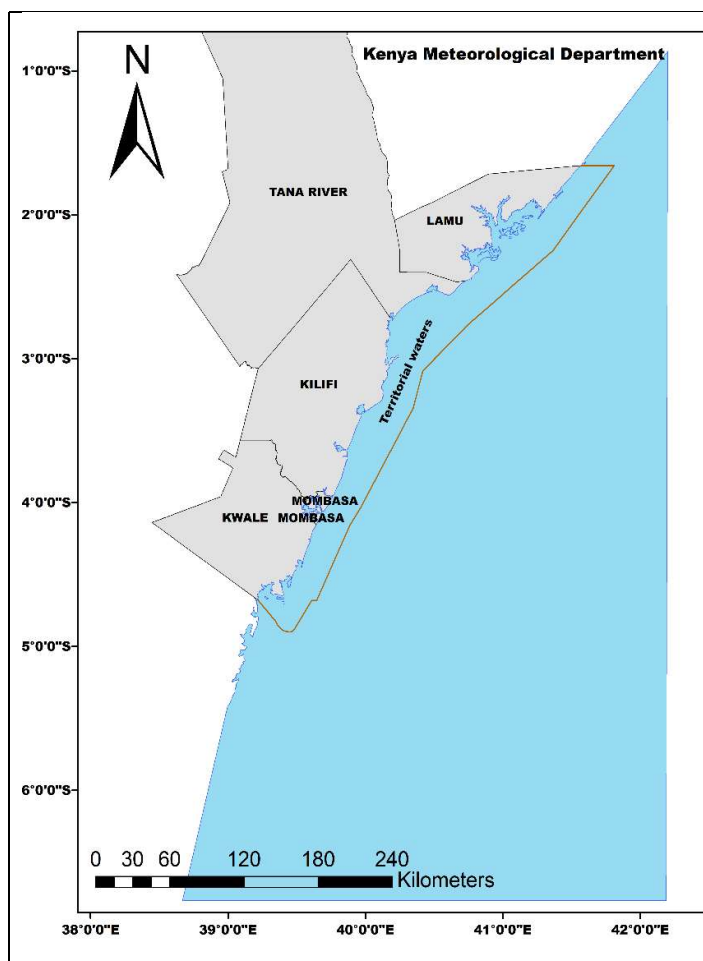
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

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

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



**GENERAL OUTLOOK**

**Morning sea state:**

- Light N to ENE winds (07-11 knots) with slight choppy seas. ESE waves of 2-3 ft (0.6-0.9 m) with very small short to very small mid period waves of (9-20 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to Strong NE to E winds (09-20 knots) with slight to moderate choppy seas. NE to E waves of 3-4 ft (0.9-1.2 m) with small very short to small mid period waves of (6-11sec) 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 N 8 to 9 knots.
- Morning Waves: ESE 2 feet at 12 seconds.
- Morning sea state: Light N winds with a slight chop. Very small mid period waves.
- Afternoon Winds: ENE 17 to 20 knots.
- Afternoon Waves: NE 4 feet at 6 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small very short period waves.
- Sunrise: **6:16 AM** and sunset: **6:37 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:53 AM;3.58 m, 3:29 PM;2.94 m**
- Low Tide: **9:28 AM;0.46 m, 9:20 PM;0.61 m**

### **ii. MOMBASA**

- Morning Winds: NNE 6 to 8 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light NNE winds with a slight chop. Very small short period waves.
- Afternoon Winds: ENE 13 to 14 knots.
- Afternoon Waves: ESE 3 feet at 11 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:14 AM** and sunset: **6:35 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:59 AM;3.52 m, 3:37 PM;2.79 m**
- Low Tide: **9:32 AM;0.45 m, 9:18 PM;0.62 m**

### **iii. KILIFI**

- Morning Winds: NE 9 to 10 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light NE winds with a slight chop. Small short period waves.
- Afternoon Winds: NE 12 to 14 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Breezy NE winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:15 AM** and sunset: **6:35 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:48 AM;3.22 m, 3:29 PM;2.49 m**
- Low Tide: **9:26 AM;0.25 m, 9:11 PM;0.47 m**

### **iv. LAMU**

- Morning Winds: ENE 7 to 11 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light ENE winds with a slight chop. Small short period waves.
- Afternoon Winds: E 9 to 15 knots.
- Afternoon Waves: E 3 feet at 7 seconds.
- Afternoon sea state: Light E winds with a slight chop. Small short period waves.
- Sunrise: **6:12 AM** and Sunset: **6:27 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:48 AM;3.11 m, 3:29 PM;2.34 m**
- Low Tide: **9:28 AM;0.23 m, 9:11 PM;0.45 m**

### Advisory

- Slight sea conditions are expected with a significant wave height of 0.6-1.2 m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle breeze to fresh breeze of 07-20 knots 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 ( $\approx$ 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!!!!
4.1 – 5.5 m ( $\approx$ 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 – $\geq$ 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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