



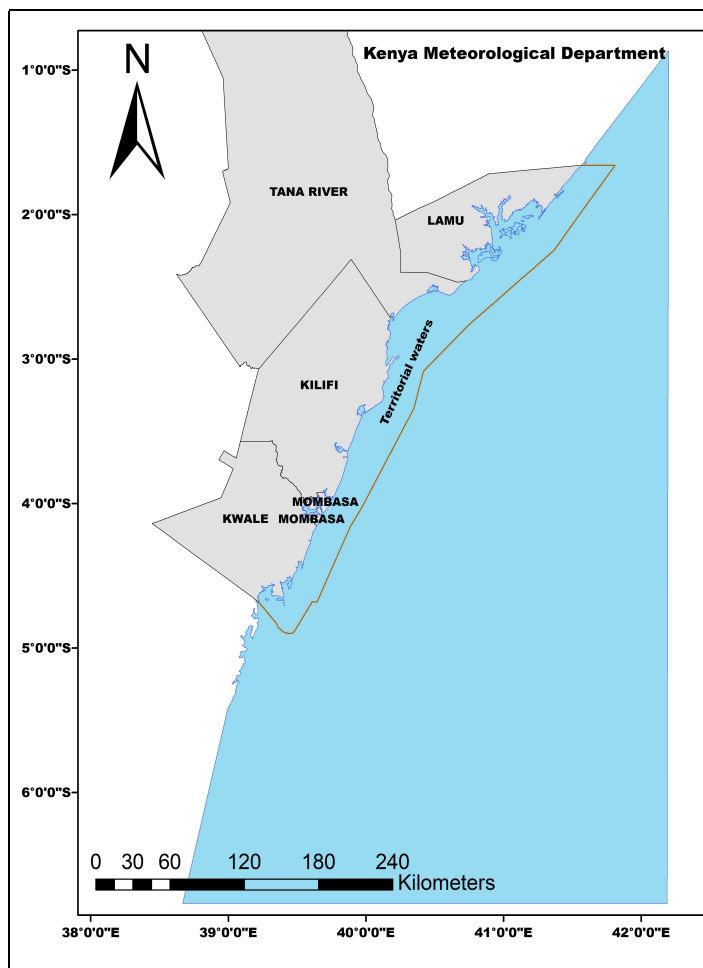
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

Issued at: 1500 EAT on 21<sup>st</sup> January, 2026

Valid: 0000 EAT on 22<sup>nd</sup> January, 2026 to 0000 EAT on 23<sup>rd</sup> January, 2026



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to fresh breeze NNW to E winds (03-15knots) with smooth to moderate choppy seas. NE to ESE waves of (4ft) (1.2m) with small short to small mid period waves of (7-12sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to strong breeze NE to E winds (13-27knots) with moderate to strong very choppy seas. NE to ESE waves of 4-5feet (1.2-1.5m) with small short to moderate short period waves of (7-11sec) 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 Winds: N 9 to 10 knots.
- Morning Waves: NE 4 feet at 7 seconds.
- Morning sea state: Light N winds with a slight chop. Small short period waves.
- Afternoon Winds: NE 20 to 27 knots.
- Afternoon Waves: NE 5 feet at 7 seconds.
- Afternoon sea state: Strong NE winds with very choppy seas. Small Craft Advisory. Moderate short period waves.
- Sunrise; **6:23AM** and sunset; **6:44PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **6:11AM; 3.5m ,6:36PM;3.3m**
- Low Tide: **12:26AM; 0.3m**

### **ii. MOMBASA**

- Morning Winds: NNW 3 to 4 knots.
- Morning Waves: ESE 4 feet at 11 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: ENE 13 to 18 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Sunrise; **6:23AM** and sunset; **6:42PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:16AM; 3.5m, 6:43AM; 3.3m**
- Low Tide: **12:28PM;0.3m**

### **iii. KILIFI**

- Morning Winds: NNW 3 to 4 knots.
- Morning Waves: ESE 4 feet at 12 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: ENE 12 to 15 knots.
- Afternoon Waves: ESE 4 feet at 7 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:23AM** and sunset; **6:41 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:06AM; 3.2m, 6:33PM; 3m**
- Low Tide: **12:22PM; 0.1m**

### **iv. LAMU**

- Morning Winds: E 10 to 15 knots.
- Morning Waves: ESE 4 feet at 11 seconds.
- Morning sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Afternoon Winds: E 13 to 20 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Sunrise; **6:20AM** and Sunset; **6:35PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:06PM; 3.1m, 6.35AM; 2.8m**
- Low Tide: **12:24PM;0.1M**

### **Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of (1.2-1.5m) in Kwale, Mombasa, Kilifi and Lamu.
- Light to strong breeze of (03-27knots) expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. Small boats and crafts are advised to be cautious while venturing into deep sea areas Kwale.

### **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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**For DIRECTOR,  
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