



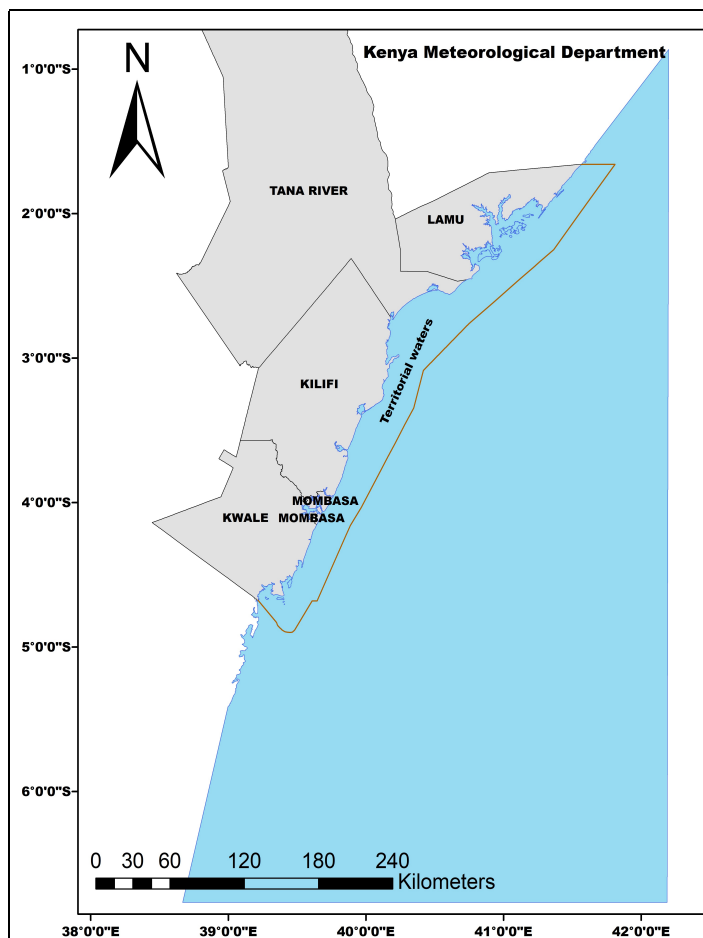
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

Issued at: 1500 EAT on 20<sup>th</sup> January, 2026

Valid: 0000 EAT on 21<sup>st</sup> January, 2026 to 0000 EAT on 22<sup>nd</sup> January, 2026



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to fresh breeze NNW to ENE winds (05-19knots) with slight to moderate choppy seas. ENE to ESE waves of (4-5ft) (1.2-1.5m) with small mid to moderate mid period waves of (7-12sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to strong breeze ENE winds (14-28knots) with moderate to strong very choppy seas. ENE to ESE waves of 4-5feet (1.2-1.5m) with small mid 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: NNW 10 to 11 knots.
- Morning Waves: ENE 4 feet at 7 seconds.
- Morning sea state: Breezy NNW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: ENE 21 to 28 knots.
- Afternoon Waves: NE 5 feet at 7 seconds.
- Afternoon sea state: Strong ENE 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: **5:40AM; 3.6m ,6.04PM;3.3m**
- Low Tide: **11:27AM; 0.3m**

### **ii. MOMBASA**

- Morning Winds: N 7 to 11 knots.
- Morning Waves: ESE 4 feet at 12 seconds.
- Morning sea state: Light N winds with a slight chop. Small mid period waves.
- Afternoon Winds: ENE 15 to 22 knots.
- Afternoon Waves: ESE 5 feet at 11 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small mid period waves.
- Sunrise; **6:23AM** and sunset; **6:42PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:44AM; 3.5m, 6:11AM; 3.2m**
- Low Tide: **12:00PM**

### **iii. KILIFI**

- Morning Winds: N 5 to 10 knots.
- Morning Waves: ESE 5 feet at 12 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: ENE 14 to 21 knots.
- Afternoon Waves: ESE 5 feet at 12 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Sunrise; **6:22AM** and sunset; **6:40 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:35AM; 3.3m, 6:03PM; 2.9m**
- Low Tide: **11:54AM; 0.1m, 11:56 PM; 0.4m**

### **iv. LAMU**

- Morning Winds: ENE 14 to 19 knots.
- Morning Waves: ESE 4 feet at 12 seconds.
- Morning sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Afternoon Winds: ENE 21 to 28 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Strong ENE winds with very choppy seas. Small Craft Advisory. Small mid period waves.
- Sunrise; **6:20AM** and Sunset; **6:35PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:35PM; 3.1m, 6.04AM; 2.8m**
- Low Tide: **11:56AM; 0.1m, 11:57PM; 0.4m**

### 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 (05-28knots) 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 and Lamu.

### 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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