



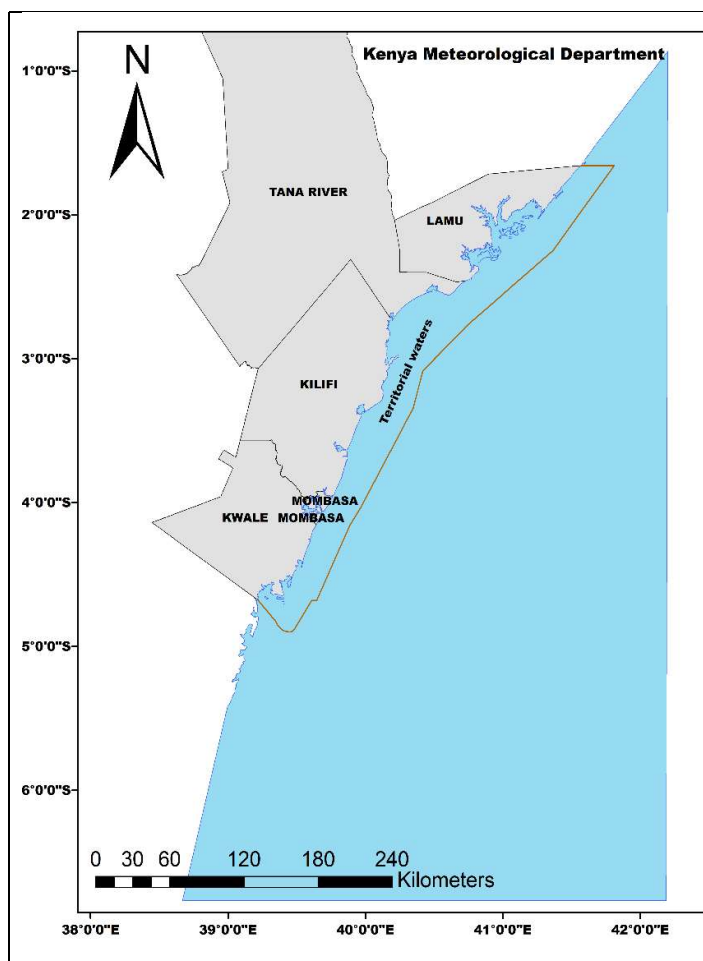
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 13<sup>th</sup> January, 2026**

**Valid: 0000 EAT on 14<sup>th</sup> January, 2026 to 0000 EAT on 15<sup>th</sup> January, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to fresh breezy NNW to NNE winds (03-15knots) with smooth to moderate choppy seas. ENE to E waves of 4-5ft (1.2-1.5m) with small short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to strong breezy ENE to E winds (10-24knots) with moderate to very choppy seas. ENE to E waves of 4-6ft (1.2-1.8m) with small very short period to small short period waves of (5-9sec) 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 12 to 15 knots.
- Morning Waves: ENE 4 feet at 8 seconds.
- Morning sea state: Breezy NNW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: ENE 21 to 24 knots.
- Afternoon Waves: ENE 6 feet at 6 seconds.
- Afternoon sea state: Strong ENE winds with very choppy seas. Moderate very short period waves.
- Sunrise: **6:20AM** and sunset: **6:42PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8 00:54AM;2.75m, 1:44PM;2.23m**
- Low Tide: **7:54AM;1.28m, 7:21PM;1.38m**

### **ii. MOMBASA**

- Morning Winds: NNW 7 to 11 knots.
- Morning Waves: ENE 4 feet at 8 seconds.
- Morning sea state: Light NNW winds with a slight chop. Small short period waves.
- Afternoon Winds: ENE 15 to 18 knots.
- Afternoon Waves: E 4 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:20AM** and sunset: **6:40PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **00:55AM;2.64m, 1:45PM;2.10m**
- Low Tide: **7:48AM;1.29m, 7:14PM;1.34m**

### **iii. KILIFI**

- Morning Winds: NNE 11 to 13 knots.
- Morning Waves: ENE 5 feet at 8 seconds.
- Morning sea state: Breezy NNE winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: ENE 15 to 19 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: **6.21AM** and sunset: **6:39PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:51AM;2.35m, 1:51PM;1.84m**
- Low Tide: **7:51AM;1.07m, 7:14PM;1.18m**

### **iv. LAMU**

- Morning Winds: N 3 to 4 knots.
- Morning Waves: E 4 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 10 to 19 knots.
- Afternoon Waves: E 5 feet at 5 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small very short period waves.
- Sunrise: **6:18AM** and Sunset: **6:32PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:50AM;2.28m, 1:51PM;1.74m**
- Low Tide: **7:55AM;1.02m, 7:13PM;1.13m**

### **Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of 1.2-1.8m in Kwale, Mombasa, Kilifi and Lamu.
- Light to strong breeze of 03-24knots 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, especially in 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!!!! 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.*

Okello and Muriithi  
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