



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

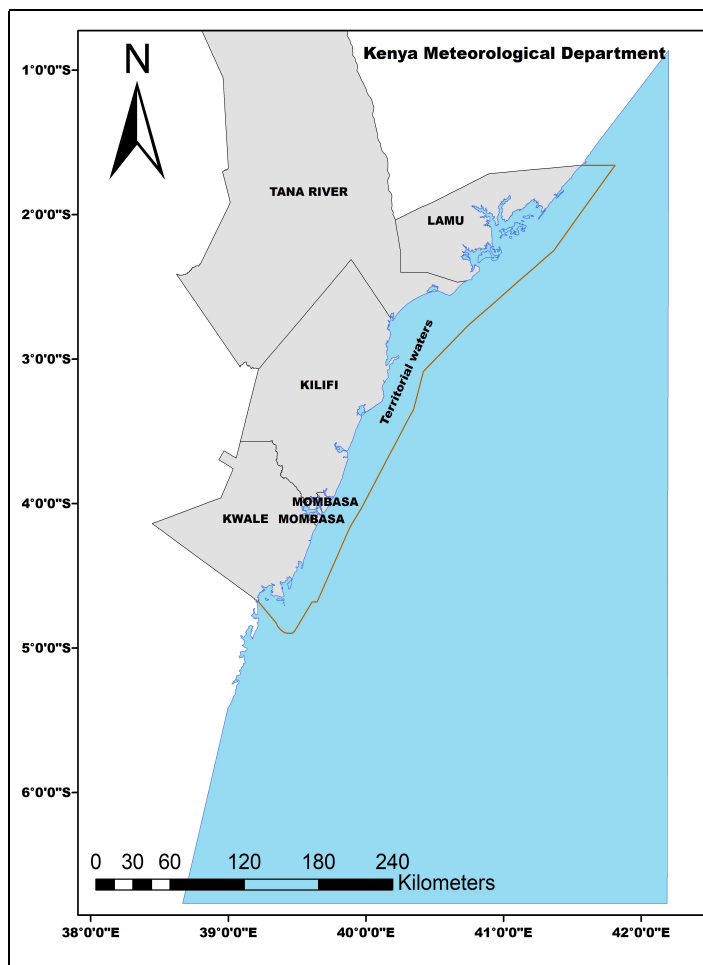
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

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

Valid: 0000 EAT on 14<sup>th</sup> February, 2026 to 0000 EAT on 15<sup>th</sup> February, 2026



**GENERAL OUTLOOK**

**Morning sea state:**

- Light N to E winds (04-11 knots) with smooth to slight chop seas. ENE to S waves of (3-4ft) (0.9 - 1.2m) with small short to small mid period waves of (6-16sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Breezy ENE to E winds (10-18 knots) with moderate choppy seas. ENE to E waves of (3-4feet) (0.9-1.2m) with Moderate very short to Small short period waves of (07 sec) 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 7 knots.
- Morning Waves: ENE 3 feet at 6 seconds.
- Morning sea state: Light N winds with a slight chop. Small very short period waves.
- Afternoon Winds: E 14 to 18 knots.
- Afternoon Waves: ENE 4 feet at 7 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:29AM** and sunset; **6:44PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:38AM; 2.9 m, 3:14PM; 2.5 m**
- Low Tide: **9:20AM; 1 m, 9:01PM; 1.1 m**

### **ii. MOMBASA**

- Morning Winds: NE 4 to 6 knots.
- Morning Waves: ENE 3 feet at 6 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small very short period waves.
- Afternoon Winds: ENE 14 to 16 knots.
- Afternoon Waves: ENE 3 feet at 7 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:28AM** and sunset; **6:42PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:41AM; 2.8 m, 3:22AM; 2.4 m**
- Low Tide: **9:19AM; 1 m, 9:01PM; 1.2 m**

### **iii. KILIFI**

- Morning Winds: NE 4 to 6 knots.
- Morning Waves: ENE 4 feet at 6 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small very short period waves.
- Afternoon Winds: ENE 13 to 15 knots.
- Afternoon Waves: ENE 4 feet at 7 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:27AM** and sunset; **6:41 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **2:38AM; 2.5 m, 3:22PM; 2.2m**
- Low Tide: **9:17M; 0.8m, 8:57PM; 1 m**

### **iv. LAMU**

- Morning Winds: E 6 to 11 knots.
- Morning Waves: S 4 feet at 16 seconds.
- Morning sea state: Light E winds with a slight chop. Small long period waves.
- Afternoon Winds: E 10 to 14 knots.
- Afternoon Waves: E 3 feet at 7 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:25AM** and Sunset; **6:36PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **2:37PM; 2.4 m, 3:24AM; 2.1 m**
- Low Tide: **9:19AM; 0.7 m, 8:57PM; 0.9 m**

### **Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of (0.9-1.2m) in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of (04-18 knots) expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Caution in carrying out marine activities.**

### **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.*

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For  
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