



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

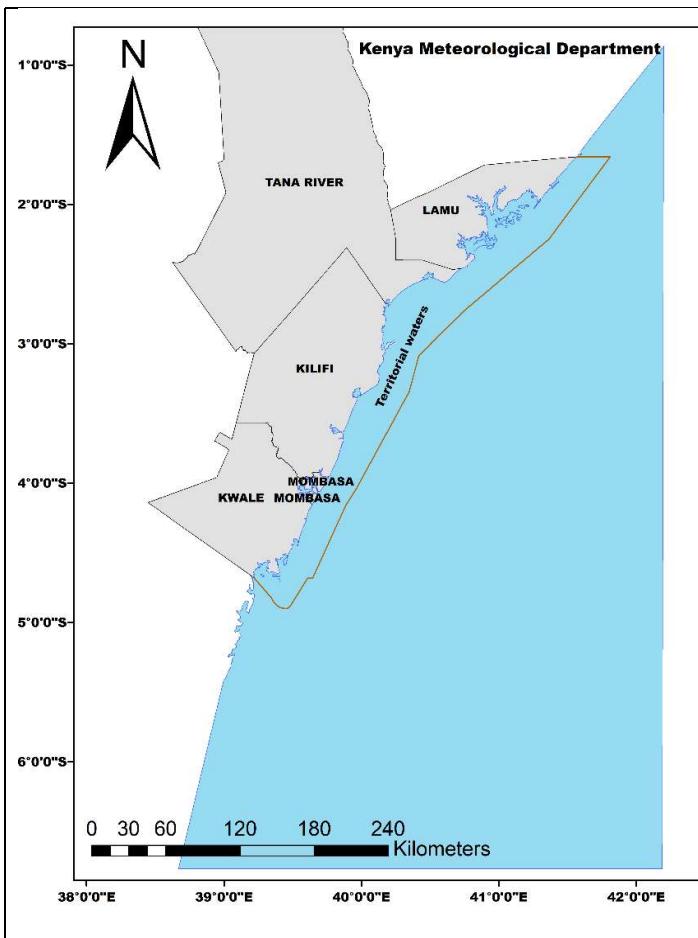
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 27<sup>th</sup> January, 2026**

**Valid: 0000 EAT on 28<sup>th</sup> January, 2026 to 0000 EAT on 29<sup>th</sup> January, 2026.**



### **GENERAL OUTLOOK**

#### **Morning sea state:**

- Light to gentle breezy NNW to NNE winds (04-13 knots) with smooth to moderate choppy seas. ENE to E waves of 4-5 ft (1.2-1.5 m) with small short period waves of (7-8 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

#### **Afternoon sea state:**

- Gentle to strong breezy ENE to E winds (12-25 knots) with moderate to choppy seas. ENE to E waves of 4-6 ft (1.2-1.8 m) with small very short to moderate short period waves of (5-8 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: NNW 9 to 12 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 20 to 25 knots.
- Afternoon Waves: ENE 6 feet at 7 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Moderate short period waves.
- Sunrise: **6:25 AM** and sunset: **6:45 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **11:44 AM; 2.23 m**
- Low Tide: **5:36 AM; 1.31 m, 5:25 PM; 1.28 m**

### **ii. MOMBASA**

- Morning Winds: NNW 6 to 7 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 19 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:25 AM** and sunset: **6:43 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **11:37 AM; 2.12 m**
- Low Tide: **5:41 AM; 1.25 m, 5:18 PM; 1.23 m**

### **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 16 to 21 knots.
- Afternoon Waves: ENE 5 feet at 7 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Moderate short period waves.
- Sunrise: **6:26 AM** and sunset: **6:42 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **11:27 AM; 1.83 m**
- Low Tide: **5:35 AM; 1.07 m, 5:09 PM; 1.08 m**

### **iv. LAMU**

- Morning Winds: N 4 to 5 knots.
- Morning Waves: E 4 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 12 to 23 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: **6:22 AM** and Sunset: **6:35 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **11:24 AM; 1.73 m**
- Low Tide: **5:39 AM; 1.03 m, 5:06 PM; 1.02 m**

### **Advisory**

- Slight to moderate sea conditions is expected with a significant wave height of 1.2-1.8 m in Kwale, Mombasa, Kilifi and Lamu.
- Light to strong breeze of 04-25 knots 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.**

### **KEY ON SEA STATE**

WAVE HEIGHT RANGE (Meters)	DESCRIPTION	IMPACT
0.6 – 1.0 m (≈ 1.8 – 3.0 ft)	Slight	Conditions suitable for Marine activities
1.0 – 1.9 m (≈ 3.0 – 5.7 ft)	Slight – Moderate	
2.0 – 2.9 m (≈ 6.0 – 8.7 ft)	Moderate-Rough	Caution on operating marine activities
3.0 – 4.0 m (≈ 9.0 – 12.0 ft)	Rough	Warning in place!!!!
4.1 – 5.5 m (≈ 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 – ≥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

For Director  
**KENYA METEOROLOGICAL DEPARTMENT**