



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

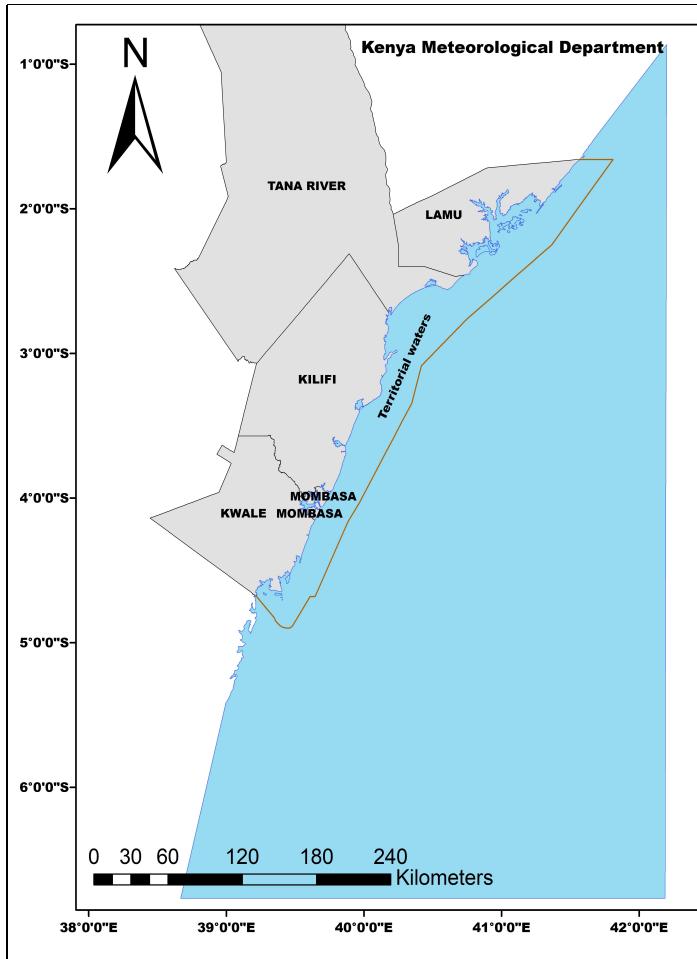
Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya  
Telephone: 254 (0) 20 3867880-7, Fax: 254 (0) 20 3876955/3877373/3867888,  
e-mail: [director@meteo.go.ke](mailto:director@meteo.go.ke), [info@meteo.go.ke](mailto:info@meteo.go.ke) Website: <http://www.meteo.go.ke>

---

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

**Issued at: 1500 EAT on 14<sup>th</sup> January, 2026**

**Valid: 0000 EAT on 15<sup>th</sup> January, 2026 to 0000 EAT on 16<sup>th</sup> January, 2026**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to gentle breeze N to E winds (03-13knots) 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 breeze ENE winds (10-24knots) with moderate to very choppy seas. ENE to ESE waves of 4-6feet (1.2-1.8m) with small to moderate short period waves of (8-11sec) 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 11 to 13 knots.
- Morning Waves: ENE 4 feet at 8 seconds.
- Morning sea state: Breezy N winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: ENE 22 to 24 knots.
- Afternoon Waves: ENE 6 feet at 8 seconds.
- Afternoon sea state: Strong ENE winds with very choppy seas. Small Craft Advisory. Moderate short period waves.
- Sunrise: **6:21AM** and sunset: **6:42PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **1:58AM; 2.9m, 2:41PM; 2.4m**
- Low Tide: **8:49AM; 1.1m, 8:22PM; 1.2m**

### **ii. MOMBASA**

- Morning Winds: N 6 to 9 knots.
- Morning Waves: ENE 4 feet at 8 seconds.
- Morning sea state: Light N winds with a slight chop. Small short period waves.
- Afternoon Winds: ENE 15 to 18 knots.
- Afternoon Waves: ENE 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: **2:02AM; 2.8m, 2:47PM; 2.3m**
- Low Tide: **8:46AM; 1.1m, 8:18PM; 1.2m**

### **iii. KILIFI**

- Morning Winds: NNE 11 to 12 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 18 knots.
- Afternoon Waves: ENE 5 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6.20AM** and sunset: **6:39 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:57AM; 2.5m, 2:48PM; 2m**
- Low Tide: **8:45AM; 0.9m, 8:17 PM; 1m**

### **iv. LAMU**

- Morning Winds: E 3 to 8 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: ENE 10 to 19 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:18AM** and Sunset: **6:33NPM**
- Visibility: **Moderate (9-10km)**
- High Tide: **1:57AM; 2.4m, 2:49PM; 1.9m**
- Low Tide: **8:49AM; 0.8m, 8:16PM; 1m**

**Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of (1.2-1.8m) in Kwale, Mombasa, Kilifi and Lamu.
- Gentle 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 in Kwale.**

**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 & Esibwe  
Duty Analysts  
Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT