

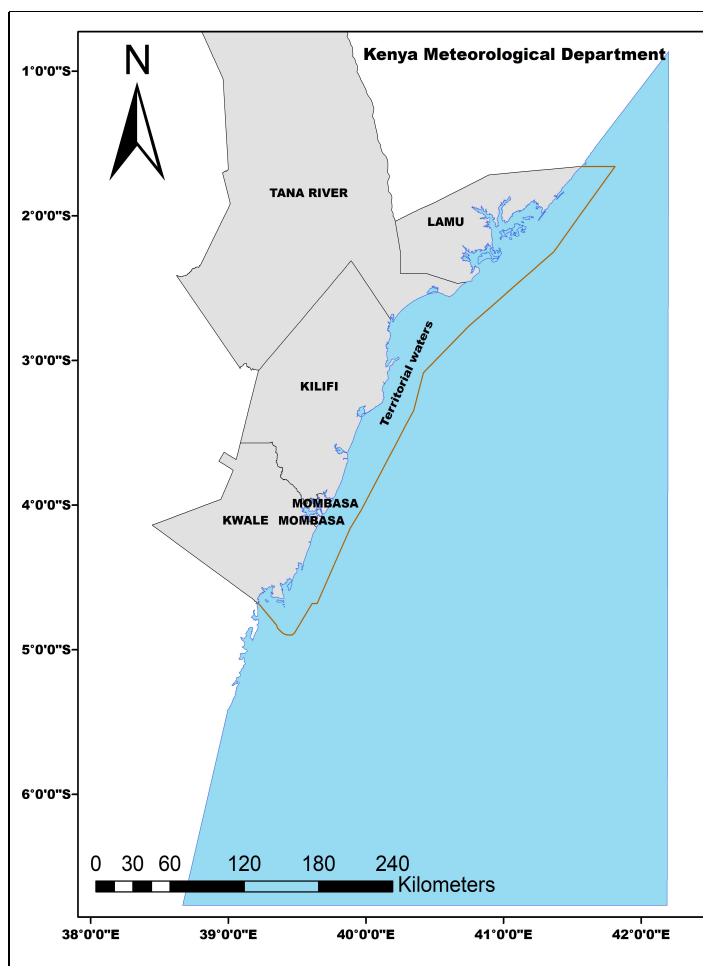


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**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**  
**Issued at: 1500 EAT on 08<sup>th</sup> January, 2026**  
**Valid: 0000 EAT on 09<sup>th</sup> January, 2026 to 0000 EAT on 10<sup>th</sup> January, 2026**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to fresh breeze N winds (04-15knots) with smooth to very choppy seas. ENE to E waves of (5-6ft) (1.5-1.8m) with small to moderate short period waves of (8 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to strong breeze ENE to E winds (10-23knots) with moderate to strong choppy seas. ENE to E waves of 5-6feet (1.5-1.8m) with small to moderate short period waves of (7-8sec) 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 15 knots.
- Morning Waves: ENE 6 feet at 8 seconds.
- Morning sea state: Breezy N winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: ENE 20 to 23 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; **6:18AM** and sunset; **6:40PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **7:55AM; 3.07m, 8:31PM; 2.95m**
- Low Tide: **1:43AM; 0.82m, 2:06PM; 0.72m**

### **ii. MOMBASA**

- Morning Winds: N 7 to 11 knots.
- Morning Waves: ENE 5 feet at 8 seconds.
- Morning sea state: Light N winds with a slight chop. Moderate short period waves.
- Afternoon Winds: ENE 15 to 21 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; **6:18AM** and sunset; **6:38PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **07:58AM; 2.69m, 8:34PM; 2.95m**
- Low Tide: **1:50AM; 0.82m, 2:09PM; 0.66m**

### **iii. KILIFI**

- Morning Winds: N 6 to 11 knots.
- Morning Waves: ENE 6 feet at 8 seconds.
- Morning sea state: Light N winds with slight chop seas. Moderate short period waves.
- Afternoon Winds: ENE 13 to 18 knots.
- Afternoon Waves: ENE 6 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Moderate short period waves.
- Sunrise; **6:17AM** and sunset; **6:37 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:47AM; 2.68m, 8:25PM; 2.68m**
- Low Tide: **1:43AM; 0.7m, 1:59 PM; 0.53m**

### **iv. LAMU**

- Morning Winds: N 4 to 6 knots.
- Morning Waves: E 5 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 6 feet at 6 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate very short period waves.
- Sunrise; **6:16AM** and Sunset; **6:31PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **7:46AM; 2:58m, 8:26PM; 2:58m**
- Low Tide: **1:44AM; 0.68m, 2:01PM; 0.32m**

### Advisory

- Slight to moderate sea conditions are expected with a significant wave height of (1.5-1.8m) in Kwale, Mombasa, Kilifi and Lamu.
- Light to strong breeze of (04-23knots) 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 ( $\approx$ 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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