

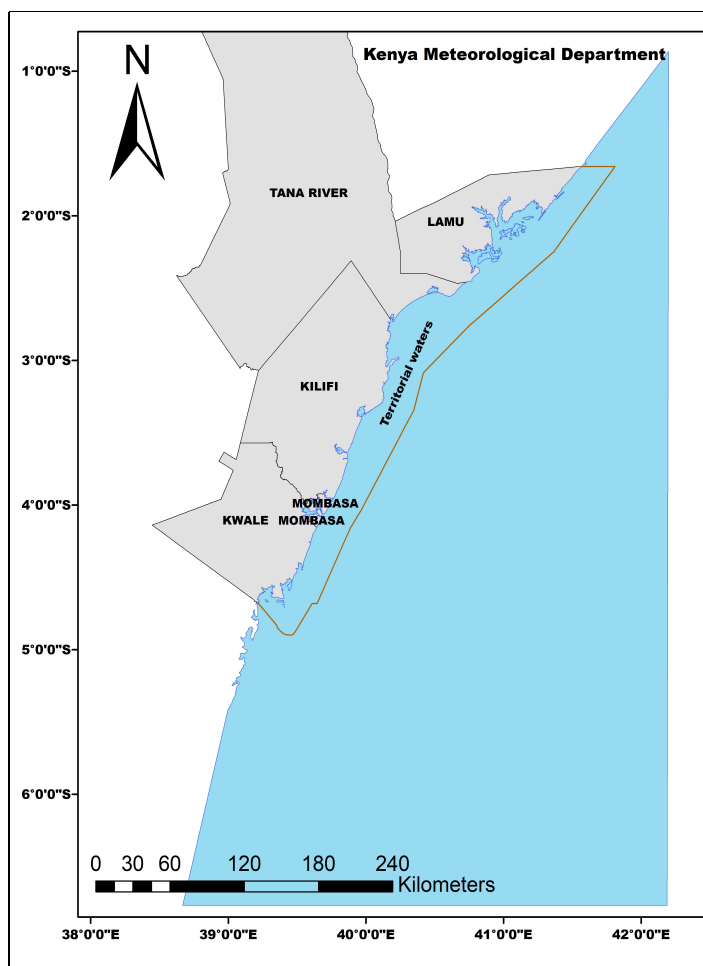


**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**  
**Issued at: 1500 EAT on 27<sup>th</sup> December, 2025**  
**Valid: 0000 EAT on 28<sup>th</sup> December, 2025 to 0000 EAT on 29<sup>th</sup> December, 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to fresh breeze N to NNE winds (03-19knots) with smooth to moderate choppy seas. ENE to E waves of (3-4ft) (0.9 – 1.2m) with very small to small short period waves of (7-8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to fresh breeze ENE to ESE winds (10-19knots) with moderate choppy seas. ENE to E waves of 4-5feet (1.2-1.5m) with small short period waves of (5-8sec) 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 14 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 10 to 12 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:12AM** and sunset; **6:35PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **9:38AM; 2.58m, 10:38PM; 2.87m**
- Low Tide: **3:31AM; 1.22m, 3:47PM; 0.99m**

### **ii. MOMBASA**

- Morning Winds: N 7 to 19 knots.
- Morning Waves: ENE 3 feet at 8 seconds.
- Morning sea state: Light N winds with slight chop seas. Small short period waves.
- Afternoon Winds: E 11 to 15 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:12AM** and sunset; **6:33PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **9:37AM; 2.54m, 10:31PM; 2.83m**
- Low Tide: **3:33AM; 1.15m, 3:47PM; 0.95m**

### **iii. KILIFI**

- Morning Winds: NNE 11 to 12 knots.
- Morning Waves: ENE 4 feet at 8 seconds.
- Morning sea state: Breezy NNE winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: E 14 to 18 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small short period waves.
- Sunrise; **6:11AM** and sunset; **6:32 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:17AM; 2.29m, 10:15PM; 2.57m**
- Low Tide: **3:20AM; 1.03m, 3:31 PM; 0.82m**

### **iv. LAMU**

- Morning Winds: NNE 3 knots.
- Morning Waves: E 4 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves
- Afternoon Winds: ESE 10 to 19 knots.
- Afternoon Waves: E 5 feet at 5 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Small very short period wave.
- Sunrise; **6:10AM** and Sunset; **6:26PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **9:16AM; 2.19m, 10:16PM; 2:48m**
- Low Tide: **3:22AM; 1m, 3:32PM; 0.77m**

### Advisory

- Slight to moderate sea conditions are expected with a significant wave height of (0.9-1.5m) in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of (03-19knots) 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!!!!
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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