



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

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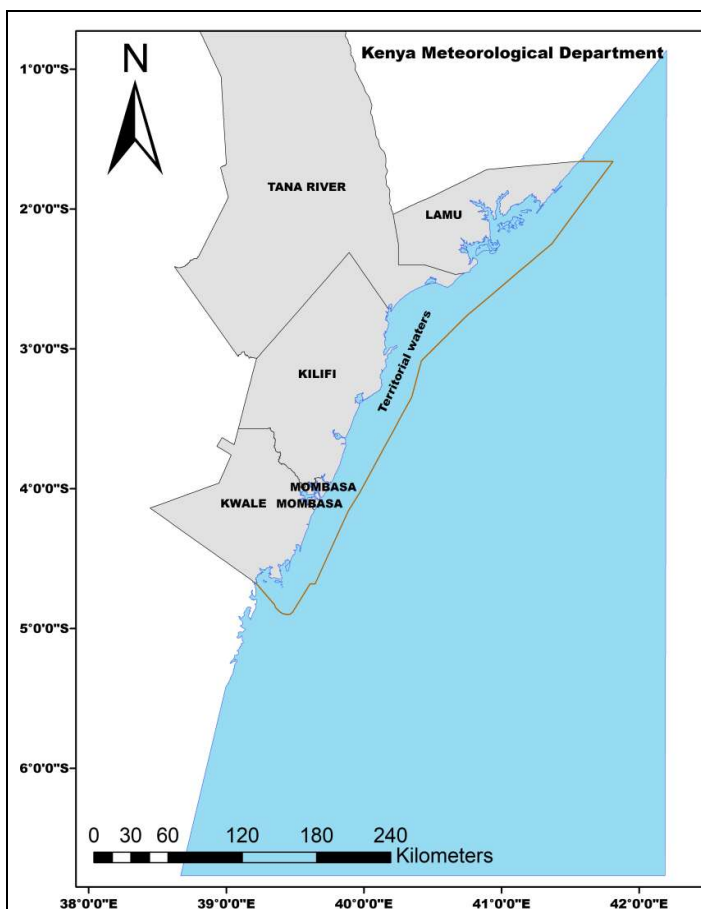
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 8<sup>th</sup> December 2025**

**Valid: 0000 EAT on 9<sup>th</sup> December 2025 to 0000 EAT on 10<sup>th</sup> December 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light breeze WNW to NE winds (03 - 07 knots) with light variable winds and smooth to slight choppy seas. ESE waves of 2 feet (0.6m) with period waves of (09 sec) expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to Fresh breeze ENE to ESE winds (08 -18 knots) with slight to strong winds and choppy seas. ENE to ESE waves of 3 feet (0.9m) with period waves of (04 - 09 sec) 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 7 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light NNW winds with a slight chop. Very small short period waves.
- Afternoon Winds: ENE 16 to 18 knots.
- Afternoon Waves: ENE 3 feet at 4 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small very short period waves.
- Sunrise; **06:04AM** and sunset; **06:26PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **06:45AM; 3.5m, 07:24PM; 2.9m,**
- Low Tide: **00:23AM; 0.7m, 01:11PM; 0.5m**

### **ii. MOMBASA**

- Morning Winds: NW 5 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ENE 12 to 15 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise; **06:03AM** and sunset; **06:24PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **06:52AM; 3.4m, 07:29PM; 2.8m,**
- Low Tide: **00:25AM; 0.6m, 01:15PM; 0.5m**

### **iii. KILIFI**

- Morning Winds: WNW 3 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ENE 10 to 13 knots.
- Afternoon Waves: E 3 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise; **06:04AM** and sunset; **06:23PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **06:42AM; 3.1m, 07:21PM; 2.6m,**
- Low Tide; **00:21AM; 0.5m, 01:08PM; 0.3m,**

### **iv. LAMU**

- Morning Winds: NE 3 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ESE 8 to 15 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Very small short period waves.
- Sunrise; **06:01AM** and sunset; **06:16PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **06:41AM; 3.0m, 07:22PM; 2.5m,**
- Low Tide: **00:21AM; 0.5m, 01:10PM; 0.3m,**

Advisory

- Slight Sea conditions are expected with a wave height of 0.6m – 0.9m in Kwale, Mombasa, Kilifi and Lamu. Conditions suitable for Marine activities.
- Light to Fresh breeze of (03 - 18 knots) expected in Kwale, Mombasa, Kilifi and Lamu.

**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 – 7 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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