



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

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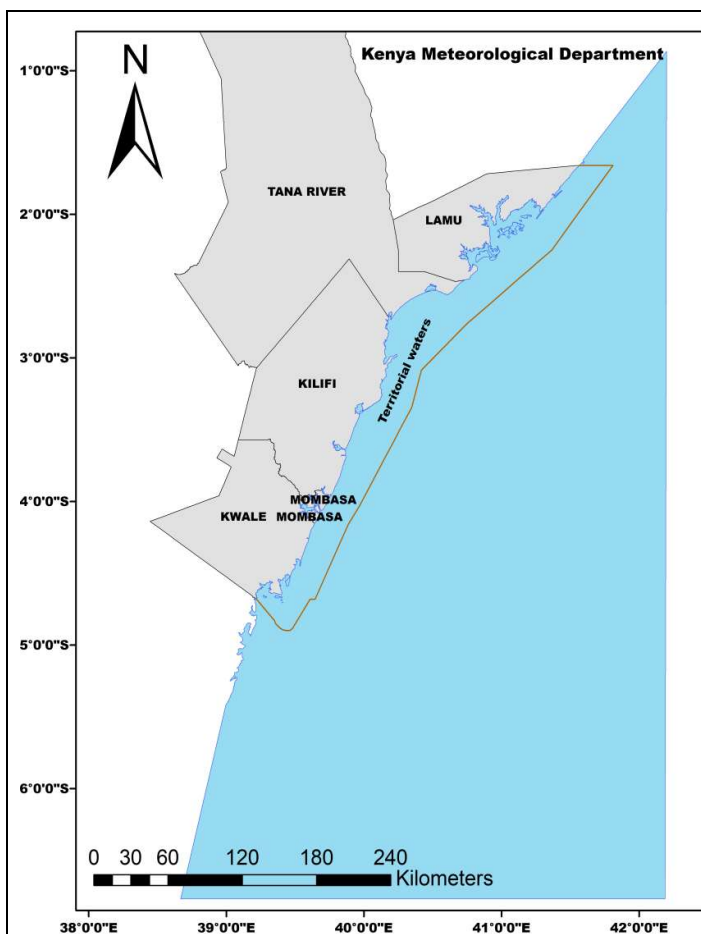
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 30<sup>th</sup> November 2025**

**Valid: 0000 EAT on 1<sup>st</sup> December 2025 to 0000 EAT on 2<sup>nd</sup> December 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to Fresh breeze N to NNE winds (02 - 13 knots) with light variable winds and smooth to moderate choppy seas. ENE waves of 3 - 4 feet (0.9m - 1.2m) with period waves of (06 sec) expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to Strong breeze ENE to E winds (11 - 22 knots) with moderate to strong winds and choppy seas. NE to E waves of 4 feet (1.2m) with period waves of (05 - 08 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: N 11 to 13 knots.
- Morning Waves: ENE 3 feet at 6 seconds.
- Morning sea state: Breezy N winds with moderate choppy seas. Small very short period waves.
- Afternoon Winds: ENE 18 to 22 knots.
- Afternoon Waves: NE 4 feet at 7 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small short period waves.
- Sunrise; **06:01AM** and sunset; **06:22PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **00:46AM; 3.0m, 01:08PM; 2.7m,**
- Low Tide: **07:07AM; 1.0m, 07:06PM; 0.8m**

### **ii. MOMBASA**

- Morning Winds: N 6 to 9 knots
- Morning Waves: ENE 3 feet at 6 seconds.
- Morning sea state: Light N winds with a slight chop. Small very short period waves.
- Afternoon Winds: ENE 12 to 17 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **06:00AM** and sunset; **06:20PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **00:43AM; 2.9m, 01:10PM; 2.6m,**
- Low Tide: **07:08AM; 0.9m, 07:05PM; 0.8m**

### **iii. KILIFI**

- Morning Winds: NNE 9 to 10 knots.
- Morning Waves: ENE 4 feet at 6 seconds.
- Morning sea state: Light NNE winds with a slight chop. Small very short period waves.
- Afternoon Winds: ENE 15 to 18 knots.
- Afternoon Waves: ENE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise; **06:01AM** and sunset; **06:19PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:31AM; 2.7m, 12:58PM; 2.3m,**
- Low Tide; **06:58AM; 0.8m, 06:53PM; 0.8m,**

### **iv. LAMU**

- Morning Winds: N 2 knots.
- Morning Waves: ENE 4 feet at 6 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small very short period waves.
- Afternoon Winds: E 11 to 21 knots.
- Afternoon Waves: E 4 feet at 5 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small very short period waves.
- Sunrise; **05:58AM** and sunset; **06:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:32AM; 2.6m, 12:58PM; 2.2m,**
- Low Tide: **07:01AM; 0.8m, 06:53PM; 0.7m,**

Advisory

- Slight to moderate Sea conditions are expected with a wave height of 0.9m – 1.2m in Kwale, Mombasa, Kilifi and Lamu.
- Light to Strong breeze of (02 - 22 knots) expected in Kwale, Mombasa, Kilifi and Lamu. Prevailing conditions are dangerous for marine operations.

**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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**For**  
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