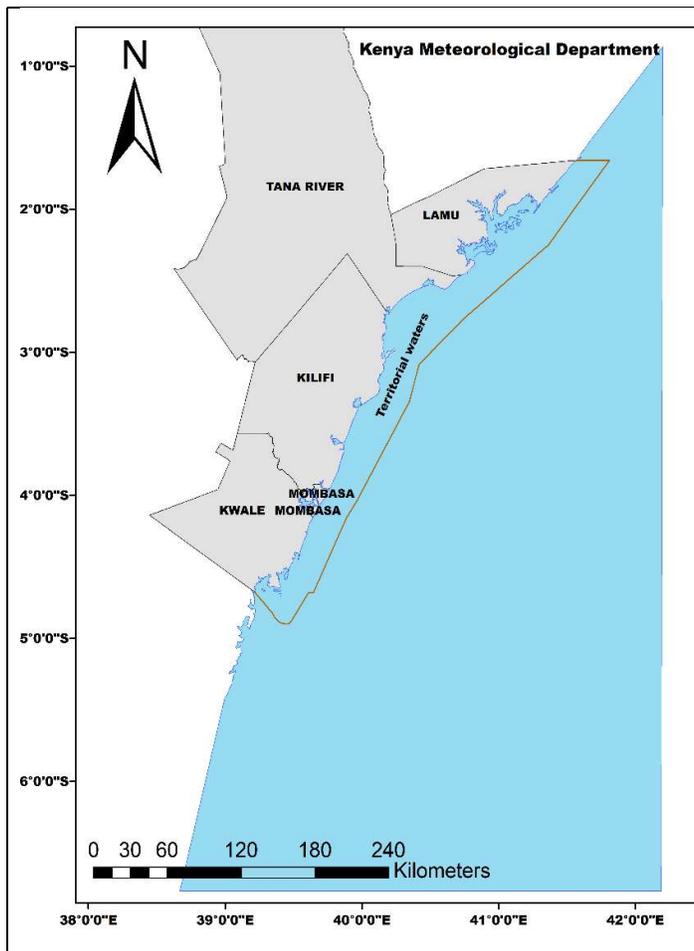




**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**  
**Issued at: 1500 EAT on 10<sup>TH</sup> MARCH, 2026**  
**Valid: 0000 EAT on 11<sup>TH</sup> MARCH, 2026 to 0000 EAT on 12<sup>TH</sup> MARCH, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light and variable winds (01-06knots) with smooth seas. ESE waves of 2ft (0.6m) with very small short to mid period waves of 9-10sec are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to breezy ENE to ESE winds (08-13knots) with slight to moderately choppy seas. ESE waves of 2ft (0.6m) with very small short period waves of 9sec 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 4 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: ENE 12 to 13 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise: **6:28AM** and sunset: **6:37PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:00AM;2.26m, 8:45PM;2.59m**
- Low Tide: **2:22AM;1.27m, 2:02PM;1.29m**

### ii. MOMBASA

- Morning Winds: NNW 1 to 2 knots.
- Morning Waves: ESE 2 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: ENE 11 to 12 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise: **6:26AM** and sunset: **6:35PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:09AM;2.3m, 8:44PM;2.6m**
- Low Tide: **2:22AM;1.24m, 2:01PM;1.24m**

### iii. KILIFI

- Morning Winds: E 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 11 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise: **6:27AM** and Sunset: **6:35PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **7:51AM;1.95m, 8:26PM;2.26m**
- Low Tide: **2:14AM;1.04m, 1:46PM;1.06m**

### iv. LAMU

- Morning Winds: ESE 3 to 6 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: E 8 to 12 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small short period waves.
- Sunrise: **6:22AM** and Sunset: **6:30PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **7:53AM;1.86m, 8:29PM;2.19m**
- Low Tide: **2:17AM;0.99m, 1:46PM;1.01m**

### Advisory

- Slight sea conditions are expected with a significant wave height of 0.6m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of 01-13knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period.

### 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 – 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.*

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Marine Forecasting Services

For  
DIRECTOR,  
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