



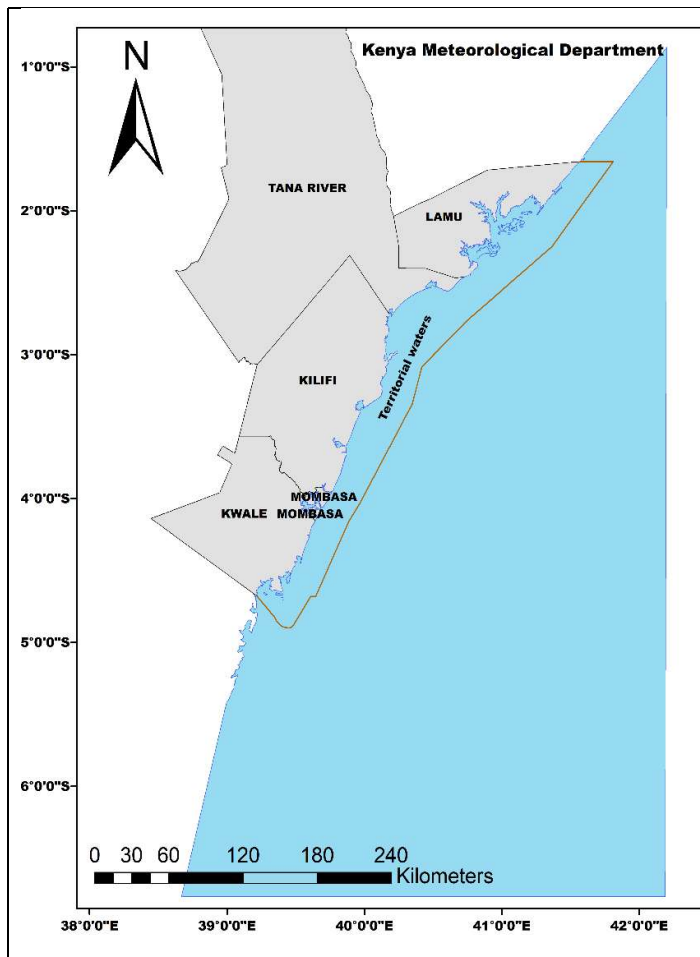
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 05<sup>th</sup> March, 2026**

**Valid: 0000 EAT on 06<sup>th</sup> March, 2026 to 0000 EAT on 07<sup>th</sup> March, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light and variable NNW to ENE winds (03-04knots) with smooth seas. ESE to SE waves of 1-2ft (0.3-0.6m) with very small short period waves of (6-9 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to breezy NE to E winds (07-13knots) with slight chop to moderate choppy seas. ESE to SE waves of 2ft (0.6m) with very small short period waves of (8-9 sec) 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: NNW 4 knots.
- Morning Waves: ESE 1 foot at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small very short period waves.
- Afternoon Winds: ENE 13 knots.
- Afternoon Waves: ESE 2 foot at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small short period waves.
- Sunrise: **6:28AM** and sunset: **6:38PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:47AM;3.6m, 6:01PM;3.7m**
- Low Tide: **11:40AM;0.2m, 11:51PM;0.2m**

### ii. MOMBASA

- Morning Winds: NNW 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: NE 9 to 10 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light NE winds with a slight chop. Very small short period waves.
- Sunrise: **6:27AM** and sunset: **6:37PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:54AM;3.5m, 6:10PM;3.6m**
- Low Tide: **11:46AM;0.2m, 11:53PM;0.2m**

### iii. KILIFI

- Morning Winds: N 3 to 4 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 7 knots.
- Afternoon Waves: ESE 2 feet at 8 seconds.
- Afternoon sea state: Light ENE winds with slight chop seas. Very small short period waves.
- Sunrise: **6:26AM** and Sunset: **6:36PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:43AM;3.2m, 5:59PM;3.3m**
- Low Tide: **11:38AM;0.1m, 11:45PM;0.1m**

### iv. LAMU

- Morning Winds: NNE 3 to 4 knots.
- Morning Waves: SE 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 11 knots
- Afternoon Waves: SE 2 feet at 8 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small short period waves
- Sunrise: **6:23AM** and Sunset: **6:32PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:44AM;3m, 6:00PM;3.2m**
- Low Tide: **11:40AM;0.1m, 11:46PM;0.1m**

**Advisory**

- Slight sea conditions are expected with a significant wave height of 0.3-0.6m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of 03-13knots 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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