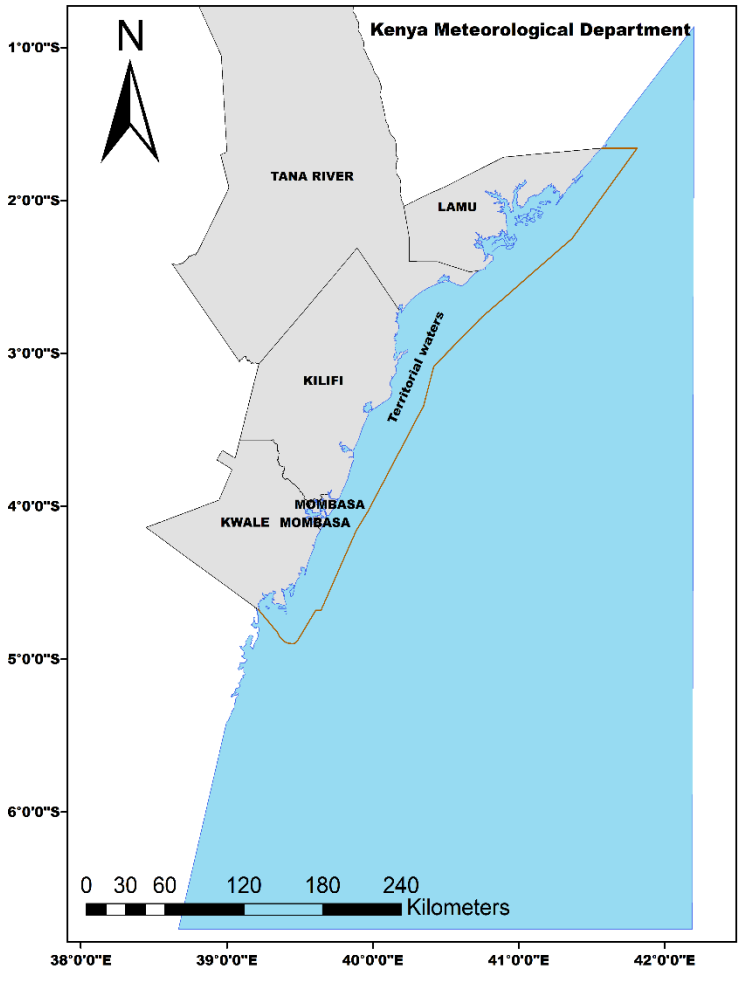
REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 8th November, 2026
Valid: 0000 EAT on 9th November, 2026 to 0000 EAT on 10th November 2026.



GENERAL OUTLOOK

Morning sea state:

- Predominantly light and variable winds (1-6 knots) with smooth to slight chop seas. ESE waves of 2-3ft (0.6-0.9m) with small short to moderate short period waves of (9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Breezy to Moderately strong E to SE winds (10-14 knots) with moderate choppy to Choppy seas. ESE waves of 3ft (0.9m) with small short to moderate 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: NNW 3 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 14 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Moderate to strong E winds with choppy seas. Small short period waves.
- Sunrise**: 5:58AM** and sunset: **6:15PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **3:47AM;3.7m, 4:10PM;3.2m**
- Low Tide**: 10:08AM;0.27m, 10:03PM;0.48m**

ii. MOMBASA

- Morning Winds: NNE 1 to 3 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small short period waves.
- Afternoon Winds: E 12 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:56AM** and Sunset: **6:13PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 3:55AM;3.59m, 4:18PM;3.02m**
  Low Tide: **10:12AM;0.27m, 10:04PM;0.44m**

iii.KILIFI

- Morning Winds: E 2 to 3 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: ESE 10 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **3:43AM;3.31m, 4:08PM;2.77m**
- Low Tide: **10:04AM;0.12m, 9:56PM;0.34m**

iv. LAMU

- Morning Winds: ESE 5 to 6 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light ESE winds with a slight chop. Moderate short period waves.
- Afternoon Winds: SE 11 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy SE winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:53AM** and Sunset: **6:06PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **3:44AM;3.2m, 4:09PM;2.63m**
- Low Tide: **10:06AM ;0.11m, 9:57PM;0.32m**

Advisory

- Slight sea conditions are expected with a significant wave height of **0.6-0.9 m** in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of **01-14 knots** 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.

Phillip Okello



For Ag. DIRECTOR GENERAL, KENYA METEOROLOGICAL SERVICE AUTHORITY