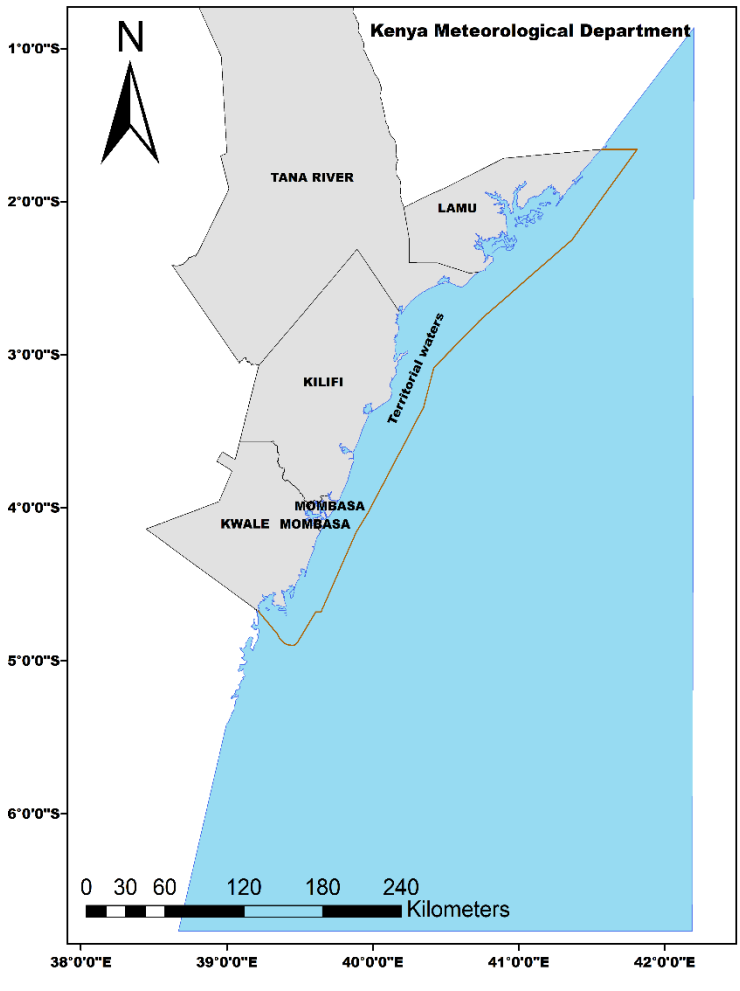
REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
KENYA METEOROLOGICAL SERVICE AUTHORITY

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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST
Issued at: 1500 EAT on 30th October, 2026
Valid: 0000 EAT on 31st October, 2026 to 0000 EAT on 1st November 2026.



GENERAL OUTLOOK

Morning sea state:

- Predominantly light and variable winds (3-8 knots) with smooth to slight choppy seas. ESE waves of 2-3ft (0.6-0.9m) with small short period waves of (9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light ESE to SE winds (08-11knots) with slight choppy seas. ESE waves of 2-3ft (0.6-0.9m) with 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: W 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: ESE 8 to 10 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Small short period waves.
- Sunrise**: 5:59AM** and sunset: **6:14PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **6:58AM;3.36m, 7:35PM;2.63m**
- Low Tide**: 00:35AM;0.71m, 1:29PM;0.74m**

ii. MOMBASA

- Morning Winds: SSW 3 to 4 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: ESE 8 to 10 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Small short period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 7:07AM;3.33m, 7:42PM;2.54m**
  Low Tide: **00:33AM;0.63m, 1:32PM;0.66m**

iii. KILIFI

- Morning Winds: SSW 3 to 4 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: SE 8 to 10 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Small short period waves.
- Sunrise: **5:58AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:55AM;3.04m, 7:32PM;2.29m**
- Low Tide: **00:28AM;0.53m, 1:27PM;0.54m**

iv. LAMU

- Morning Winds: SE 6 to 8 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light SE winds with a slight chop. Small short period waves.
- Afternoon Winds: SE 8 to 11 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Small short period waves.
- Sunrise: **5:54AM** and Sunset: **6:05PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:55AM;2.94m, 7:32PM;2.18m**
- Low Tide: **00:27AM;0.5m, 1:30PM;0.5m**

Advisory

- Slight sea conditions are expected with a significant wave height of **0.6 to 0.9m** in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of **03-11knots** 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!!!!** **Warning in place and marine activities on hold**
4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	

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