



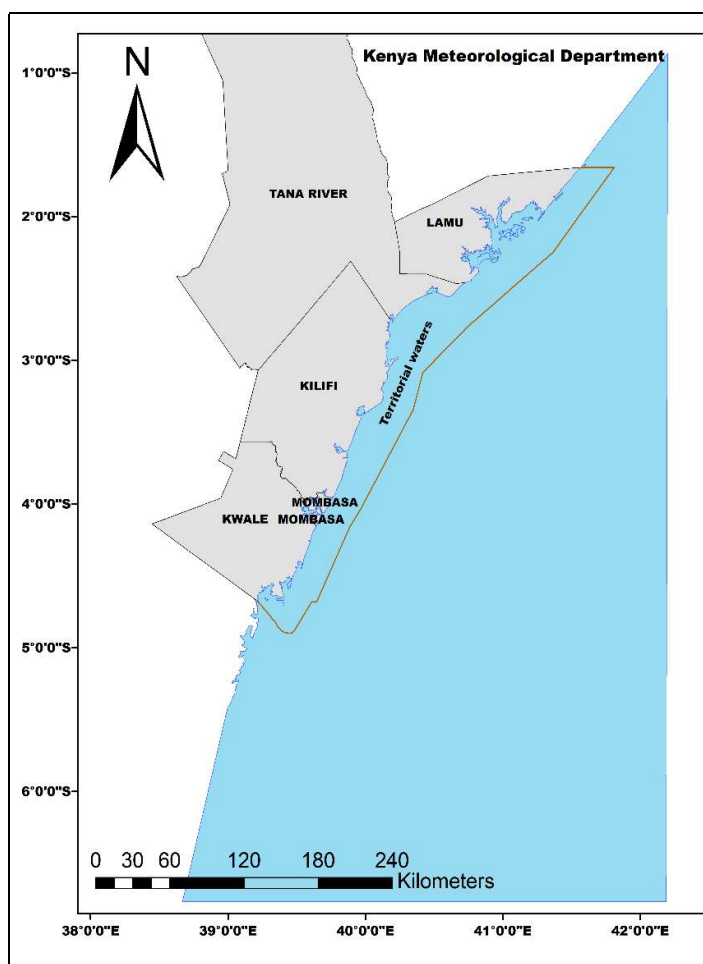
REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 16th August, 2026

Valid: 0000 EAT on 17th August, 2026 to 0000 EAT on 18th August, 2026.



GENERAL OUTLOOK

Morning sea state:

- Breezy S winds of (11-17knots) with moderate choppy Seas. ESE to SE waves of 4-6ft (1.2 - 1.8m) with moderate short to Large short period waves of (8-9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Breezy to Moderate to Strong SSE to S winds of (11-19knots) with moderate choppy to choppy seas. SE waves of 4-6ft (1.2 - 1.8m) with Moderate mild to Moderate short period waves of (8-10sec) 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: S 10 to 13 knots.
- Morning Waves: ESE 4 feet at 9 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: S 14 to 18 knots.
- Afternoon Waves: ESE 4 feet at 9seconds.
- Afternoon sea state: Moderate to strong S winds with choppy seas. Moderate short period waves.
- Sunrise: **6:27AM** and sunset: **6:25PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:50AM;3.5m,7:03PM;3.2m**
- Low Tide: **00:36AM;0.3m,12:56PM;0.5m**

ii. MOMBASA

- Morning Winds: S 10 to 14 knots.
- Morning Waves: SE 5 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: SSE 11 to 15 knots.
- Afternoon Waves: ESE 5 feet at 10 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Moderate mid period waves.
- Sunrise: **6:26AM** and sunset: **6:25PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:58AM;3.4m,7:08PM;3.1m**
- Low Tide: **00:38AM;0.2m,1:03PM;0.5m**

iii. KILIFI

- Morning Winds: S 10 to 16 knots.
- Morning Waves: SE 6 feet at 8 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Large short period waves.
- Afternoon Winds: SSE 13 to 19 knots.
- Afternoon Waves: ESE 6 feet at 10 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Moderate mid period waves.
- Sunrise: **6:24AM** and Sunset: **6:24PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:47m;3.2m,6:56PM;2.8m**
- Low Tide: **00:29AM;0.1m, 12:55PM;0.4m**

iv. LAMU

- Morning Winds: S 11 to 17 knots.
- Morning Waves: SE 6 feet at 8 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Large short period waves.
- Afternoon Winds: S 13 to 19 knots.
- Afternoon Waves: SE 6 feet at 8 seconds.
- Afternoon sea state: Moderate to strong S winds with choppy seas. Moderate short period waves.
- Sunrise: **6:19AM** and Sunset: **6:22PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:48AM;3.1m,6:56PM;2.7m**
- Low Tide: **00:39AM;0.1m,12:57PM;0.4m**

Advisory

- Slight to Moderate Sea conditions is expected with a significant wave height of 1.2-1.6 m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to Fresh breeze of 11-19 knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Caution on operating marine activities..**

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 – 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!!!! Warning in place and marine activities on hold
4.1 – 5.5 m ($\approx$ 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 – $\geq$ 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 DIRECTOR,
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