



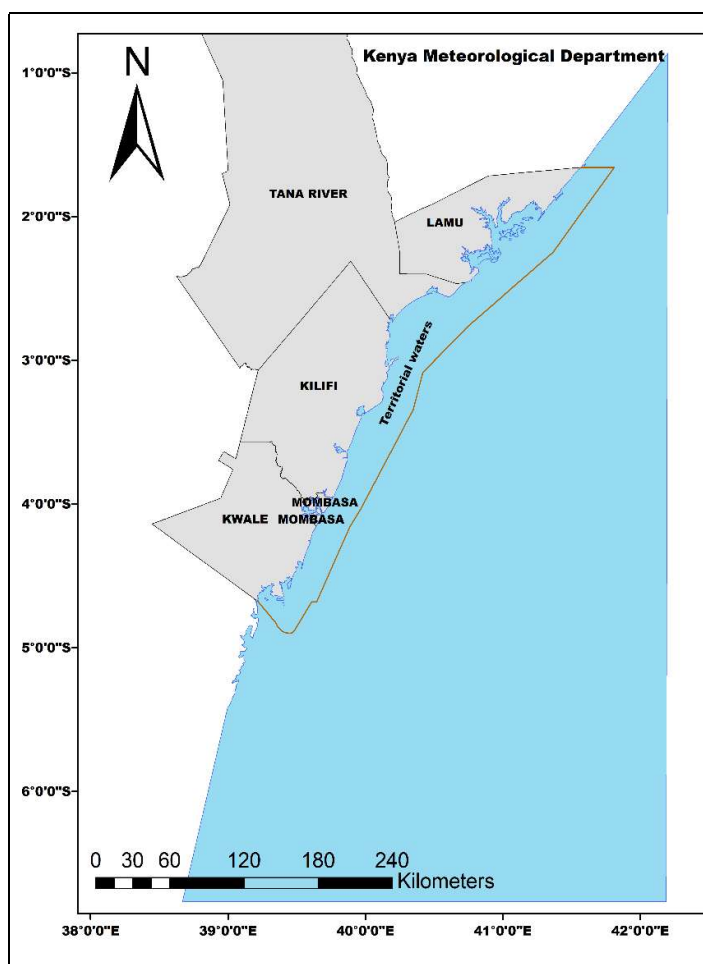
REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE
KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: 254 (0) 20 3867880-7, **Fax:** 254 (0) 20 3876955/3877373/3867888,
e-mail: director@meteo.go.ke, info@meteo.go.ke **Website:** <http://www.meteo.go.ke>

DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 13th August, 2026

Valid: 0000 EAT on 14th August, 2026 to 0000 EAT on 15th August, 2026.



GENERAL OUTLOOK

Morning sea state:

- Breezy to Moderate to strong S to SSW winds of (12-22 knots) with moderate choppy to choppy Seas. ESE waves of 4-6ft (1.2 - 1.8m) with moderate mid to Large mid period waves of (10-11sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Moderately to strong SSE to S winds of (14-23 knots) with Moderate choppy to choppy seas. ESE waves of 5-7ft (1.5-2.1m) with Moderate short Large mid period waves of (9 -11sec) 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: SSW 12 to 18 knots.
- Morning Waves: ESE 4 feet at 10 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Moderate mid period waves.
- Afternoon Winds: SSE 14 to 20 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Moderate to strong SSE winds with choppy seas. Moderate short period waves.
- Sunrise: **6:28AM** and sunset: **6:25PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:07AM;3.5m,5:19PM;3.8m**
- Low Tide: **11:07AM;0.2m,11:33PM;0.1m**

ii. MOMBASA

- Morning Winds: S 12 to 19 knots.
- Morning Waves: ESE 6 feet at 11 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Moderate mid period waves.
- Afternoon Winds: SSE 15 to 23 knots.
- Afternoon Waves: ESE 6 feet at 11 seconds.
- Afternoon sea state: Moderate to strong SSE winds with choppy seas. Large mid period waves
- Sunrise: **6:27AM** and sunset: **6:25PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **5:14AM;3.4m,5:27PM;3.7m**
- Low Tide: **11:11AM;0.2m,11:36PM;0.1m**

iii. KILIFI

- Morning Winds: S 12 to 21 knots.
- Morning Waves: ESE 6 feet at 11 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Large mid period waves.
- Afternoon Winds: S 16 to 23 knots.
- Afternoon Waves: ESE 7 feet at 11 seconds.
- Afternoon sea state: Moderate to strong S winds with choppy seas. Large mid period waves.
- Sunrise: **6:25AM** and Sunset: **6:25PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:05m;3.2m,5:16PM;3.4m**
- Low Tide: **11:04AM;0.1m, 11:27PM; -0.1m**

iv. LAMU

- Morning Winds: S 14 to 22 knots.
- Morning Waves: ESE 6 feet at 10 seconds.
- Morning sea state: Moderate to strong S winds with choppy seas. Large mid period waves.
- Afternoon Winds: S 16 to 22 knots.
- Afternoon Waves: ESE 6 feet at 10 seconds.
- Afternoon sea state: Moderate to strong S winds with choppy seas. Large mid period waves.
- Sunrise: **6:20AM** and Sunset: **6:22PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **5:06AM;3.1m,5:16PM;3.3m**
- Low Tide: **11:05AM;0.1m,11:29PM; -0.1m**

Advisory

- Slight to Moderate Sea conditions are expected with a significant wave height of 1.2-2.1 m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to strong breeze of 12-23 knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. The ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations.

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!!!!
4.1 – 5.5 m ($\approx$ 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 – $\geq$ 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.

Dr. Okello and Mr. W. Esibwe
Duty Analysts
Marine Forecasting Services

For
DIRECTOR,
KENYA METEOROLOGICAL DEPARTMENT