



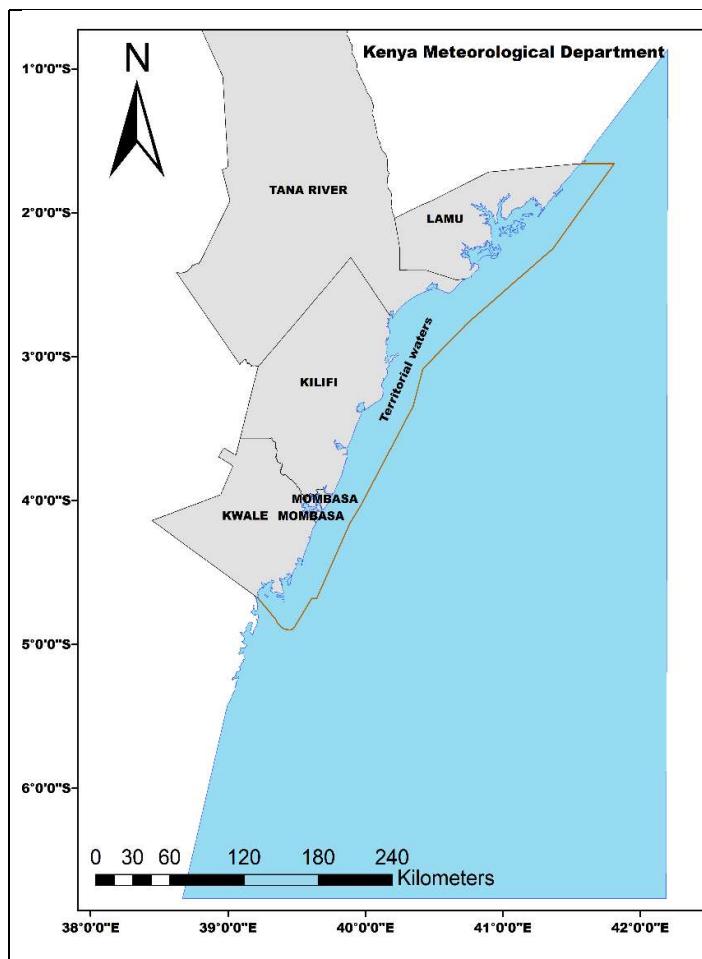
REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE
KENYA METEOROLOGICAL DEPARTMENT

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 1st January, 2026

Valid: 0000 EAT on 2nd January, 2026 to 0000 EAT on 3rd January, 2026.



GENERAL OUTLOOK

Morning sea state:

- Light N to ENE winds (07-11 knots) with slight choppy seas. ESE waves of 2-3 ft (0.6-0.9 m) with very small short to very small mid period waves of (9-20 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Light to Strong NE to E winds (09-20 knots) with slight to moderate choppy seas. NE to E waves of 3-4 ft (0.9-1.2 m) with small very short to small mid period waves of (6-11sec) 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 N 8 to 9 knots.
- Morning Waves: ESE 2 feet at 12 seconds.
- Morning sea state: Light N winds with a slight chop. Very small mid period waves.
- Afternoon Winds: ENE 17 to 20 knots.
- Afternoon Waves: NE 4 feet at 6 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small very short period waves.
- Sunrise: **6:16 AM** and sunset: **6:37 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:53 AM;3.58 m, 3:29 PM;2.94 m**
- Low Tide: **9:28 AM;0.46 m, 9:20 PM;0.61 m**

ii. MOMBASA

- Morning Winds: NNE 6 to 8 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light NNE winds with a slight chop. Very small short period waves.
- Afternoon Winds: ENE 13 to 14 knots.
- Afternoon Waves: ESE 3 feet at 11 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:14 AM** and sunset: **6:35 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:59 AM;3.52 m, 3:37 PM;2.79 m**
- Low Tide: **9:32 AM;0.45 m, 9:18 PM;0.62 m**

iii. KILIFI

- Morning Winds: NE 9 to 10 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light NE winds with a slight chop. Small short period waves.
- Afternoon Winds: NE 12 to 14 knots.
- Afternoon Waves: ESE 4 feet at 11 seconds.
- Afternoon sea state: Breezy NE winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6.15 AM** and sunset: **6:35 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:48 AM;3.22 m, 3:29 PM;2.49 m**
- Low Tide: **9:26 AM;0.25 m, 9:11 PM;0.47 m**

iv. LAMU

- Morning Winds: ENE 7 to 11 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light ENE winds with a slight chop. Small short period waves.
- Afternoon Winds: E 9 to 15 knots.
- Afternoon Waves: E 3 feet at 7 seconds.
- Afternoon sea state: Light E winds with a slight chop. Small short period waves.
- Sunrise: **6:12 AM** and Sunset: **6:27 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:48 AM;3.11 m, 3:29 PM;2.34 m**
- Low Tide: **9:28 AM;0.23 m, 9:11 PM;0.45 m**

Advisory

- Slight sea conditions are expected with a significant wave height of 0.6-1.2 m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle breeze to fresh breeze of 07-20 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
1.0 – 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.

KIPROTICH EMMANUEL
KENYA METEOROLOGICAL DEPARTMENT