



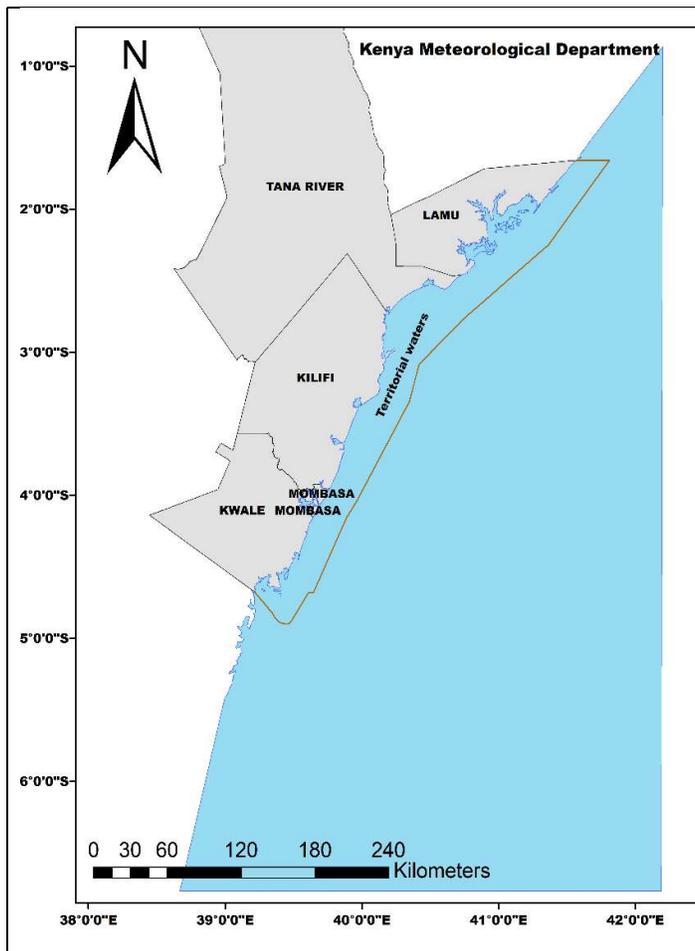
**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
**KENYA METEOROLOGICAL DEPARTMENT**

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](mailto:director@meteo.go.ke), [info@meteo.go.ke](mailto:info@meteo.go.ke) **Website:** <http://www.meteo.go.ke>

**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 12<sup>th</sup> March, 2026**

**Valid: 0000 EAT on 13<sup>th</sup> March, 2026 to 0000 EAT on 14<sup>th</sup> March, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light and variable, predominately ENE winds (02-06knots) with smooth to slightly choppy seas. NE to ESE waves of 2-3ft (0.6m-0.9m) with very small short period waves of (5-9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to breezy ENE to E winds (07-13knots) with slight to moderately choppy seas. ESE waves of 2-4ft (0.6m-1.2m) with very small to 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: N 5 to 6 knots.
- Morning Waves: NE 2 feet at 5 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ENE 8 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light ENE winds with a slight chop. Very small short period waves.
- Sunrise: **6:28AM** and sunset: **6:36PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **12:58PM;1.96m**
- Low Tide: **7:14AM;1.64m, 6:03PM;1.7m**

### ii. MOMBASA

- Morning Winds: N 2 to 3 knots.
- Morning Waves: ESE 2 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: E 7 to 8 knots.
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small short period waves.
- Sunrise: **6:26AM** and sunset: **6:34PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **12:37PM;1.88m**
- Low Tide: **6:21AM;1.62m, 5:48PM;1.71m**

### iii. KILIFI

- Morning Winds: ENE 6 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light ENE winds with a slight chop. Very small short period waves.
- Afternoon Winds: E 11 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Very small short period waves.
- Sunrise: **6:26AM** and Sunset: **6:34PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:42PM;1.63m**
- Low Tide: **6:59AM;1.35m, 6:00PM;1.51m**

### iv. LAMU

- Morning Winds: ENE 3 knots.
- Morning Waves: ESE 3 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: E 9 to 13 knots.
- Afternoon Waves: ESE 4 feet at 9 seconds.
- Afternoon sea state: Light E winds with a slight chop. Small short period waves.
- Sunrise: **6:22AM** and Sunset: **6:29PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:50PM;1.54m**
- Low Tide: **7:05AM;1.28m, 5:55PM;1.45m**

### Advisory

- Slight sea conditions are expected with a significant wave height of 0.6m-0.9m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of 02-13knots 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.*

Dr. Okello and Mr. Muriithi.  
Duty Analysts  
Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT