



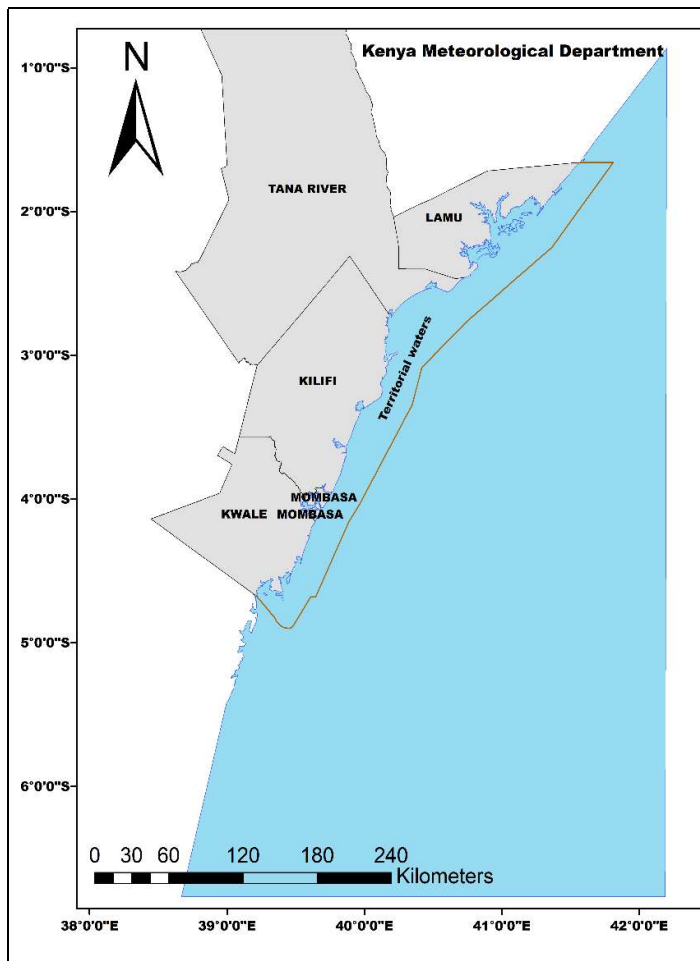
**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
**KENYA METEOROLOGICAL DEPARTMENT**

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 29<sup>th</sup> March, 2026**

**Valid: 0000 EAT on 30<sup>th</sup> March, 2026 to 0000 EAT on 31<sup>st</sup> March, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light SE to SSE winds (04-08knots) with smooth to slight chop seas. ESE waves of 2-3ft (0.6-0.9m) with very small mid period waves of (10-11 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light SE winds (07-10knots) with slight to moderate choppy seas. ESE waves of 2-3ft (0.6-0.9m) with very small mid period waves of (10 sec) 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: SE 7 knots.
- Morning Waves: ESE 2 feet at 11 seconds.
- Morning sea state: Light SE winds with a slight chop. Very small mid period waves.
- Afternoon Winds: SE 7 knots.
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Very small mid period waves.
- Sunrise: **6:24AM** and sunset: **6:29PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **2:37AM;3.2m, 3:05PM;3.2m**
- Low Tide: **9:01AM;0.7m, 9:17PM;0.7m**

### ii. MOMBASA

- Morning Winds: SSE 7 to 8 knots.
- Morning Waves: ESE 3 feet at 11 seconds.
- Morning sea state: Light SSE winds with a slight chop. Very small mid period waves.
- Afternoon Winds: SE 9 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Very small mid period waves..
- Sunrise: **6:23AM** and sunset: **6:27PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **2:45AM;3m, 3:12PM;3.1m**
- Low Tide: **8:22AM;1m, 8:33PM;1m**

### iii. KILIFI

- Morning Winds: SSE 5 to 8 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves.
- Afternoon Winds: SE 8 to 9 knots.
- Afternoon Waves: ESE 3 feet at 10 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Very small mid period waves.
- Sunrise: **6:22AM** and Sunset: **6:27PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **2:38AM;2.8m, 3:05PM;2.8m**
- Low Tide: **8:53AM;0.5m, 9:08PM;0.5m**

### iv. LAMU

- Morning Winds: SSE 4 to 6 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small mid period waves
- Afternoon Winds: SE 7 to 10 knots
- Afternoon Waves: ESE 2 feet at 10 seconds.
- Afternoon sea state: Light SE winds with a slight chop. Very Small mid period waves
- Sunrise: **6:18AM** and Sunset: **6:24PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **2:37AM;2.7m, 3:06PM;2.7m**
- Low Tide: **8:54AM;0.5m, 9:09PM;0.5m**

**Advisory**

- Slight sea conditions are expected with a significant wave height of 0.6-0.9m in Kwale, Mombasa, Kilifi and Lamu.
- Light to gentle breeze of 04-10knots 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.*

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

For DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT