



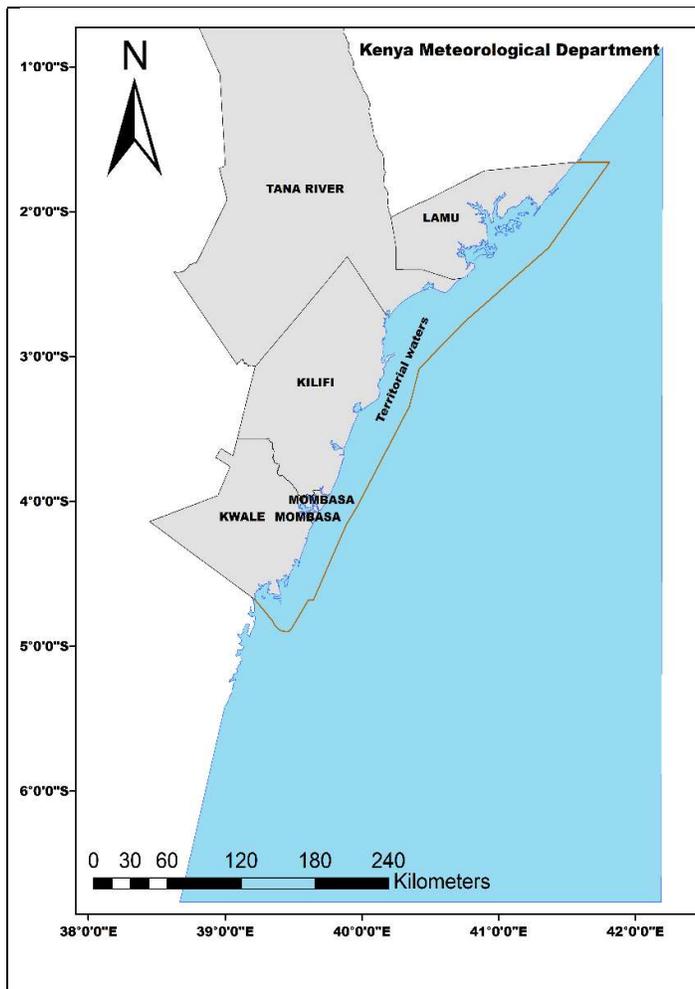
**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
**KENYA METEOROLOGICAL DEPARTMENT**

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

**Valid: 0000 EAT on 8<sup>th</sup> March, 2026 to 0000 EAT on 9<sup>th</sup> March, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Predominantly light and variable N to NE winds (02-07knots) with smooth seas. ESE waves of 2-3ft (0.6-0.9m) with very small short period waves of (8-9 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to breezy ENE to ESE winds (08-15knots) with slight chop to moderate choppy seas. ESE waves of 2-3ft (0.6-0.9m) with very small very short to very small short period waves of (6-9 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: NNE 6 to 7 knots.
- Morning Waves: ESE 2 foot at 9 seconds.
- Morning sea state: Light NNE winds with a slight chop. Very small short period waves.
- Afternoon Winds: ENE 12 to 13 knots.
- Afternoon Waves: ESE 2 foot at 6 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Very small very short period waves.
- Sunrise: **6:28AM** and sunset: **6:38PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:42AM;3.2m, 6:55PM;3.4m**
- Low Tide: **00:40AM;0.4m, 12:41PM;0.4m**

### ii. MOMBASA

- Morning Winds: NNE 4 to 6 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: ENE 9 to 11 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Light ENE winds with a slight chop. Very small short period waves.
- Sunrise: **6:27AM** and sunset: **6:36PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:47AM;3.1m, 7:04PM;3.4m**
- Low Tide: **00:45AM;0.5m, 12:44PM;0.5m**

### iii. KILIFI

- Morning Winds: N 3 to 4 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 8 to 11 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Light E winds with slight chop seas. Very small short period waves.
- Sunrise: **6:26AM** and Sunset: **6:36PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:36AM;2.8m, 6:51PM;3m**
- Low Tide: **00:37AM;0.3m, 12:34PM;0.4m**

### iv. LAMU

- Morning Winds: NE 2 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ESE 8 to 15 knots
- Afternoon Waves: ESE 2 feet at 9 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Small short period waves
- Sunrise: **6:23AM** and Sunset: **6:31PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:37AM;2.6m, 6:52PM;2.9m**

- Low Tide: 00:39AM;0.3m, 12:36PM;0.3m

**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 02-15knots 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.*

Mr. Kainga and Mr. Esibwe.  
Duty Analysts  
Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT