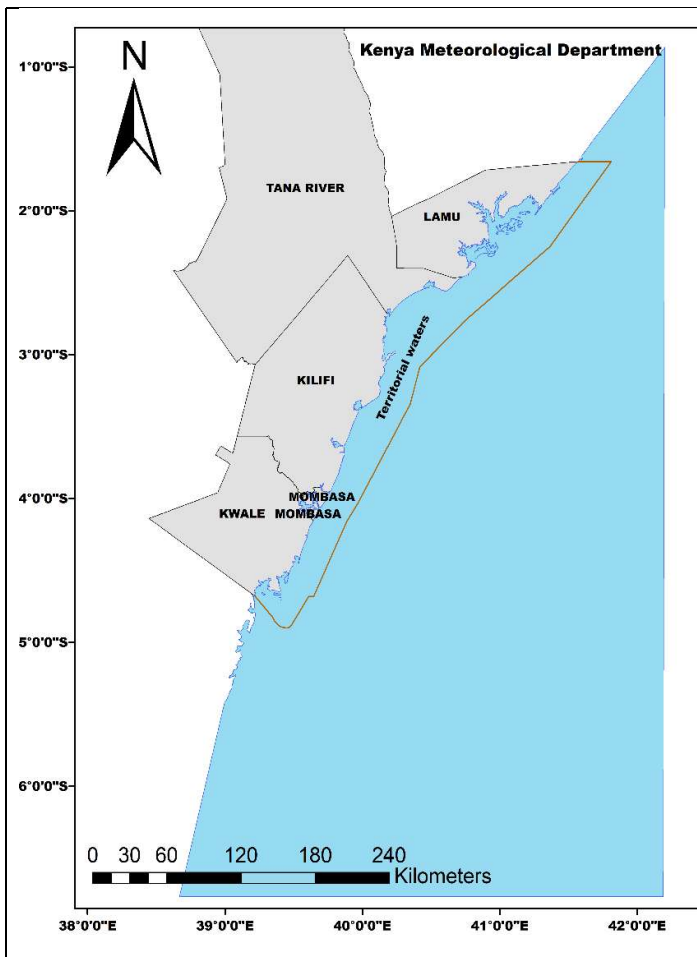




**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**  
**Issued at: 1500 EAT on 22<sup>ND</sup> MARCH, 2026**  
**Valid: 0000 EAT on 23<sup>RD</sup> MARCH, 2026 to 0000 EAT on 24<sup>TH</sup> MARCH, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light and variable winds (0-4knots) with smooth seas. ESE waves of 2-3ft (0.6-0.9m) with very small very short to short period waves of (6-7sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light E to ESE winds (7-14knots) with slight choppy seas. ESE waves of 2-3ft (0.6-0.9m) with very small short period waves of (7sec) 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: ESE 0 to 1 knots.
- Morning Waves: ESE 2 feet at 6 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small very short period waves.
- Afternoon Winds: SSE 13 to 14 knots.
- Afternoon Waves: ESE 2 feet at 7 seconds.
- Afternoon sea state: Light E winds with a slight chop. Very small short period waves.
- Sunrise: **6:26AM** and sunset: **6:33PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **6:34AM;3.23m, 6:54PM;3.61m**
- Low Tide: **00:35AM;0.26m, 12:35PM;0.37m**

### **ii. MOMBASA**

- Morning Winds: SW 2 knots.
- Morning Waves: ESE 3 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ESE 7 to 9 knots.
- Afternoon Waves: ESE 3 feet at 7 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Very small short period waves.
- Sunrise: **6:24AM** and sunset: **6:30PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **6:45AM;3.18m, 7:03PM;3.64m**
- Low Tide: **00:38AM;0.23m, 12:35PM;0.37m**

### **iii. KILIFI**

- Morning Winds: ENE 1 to 4 knots.
- Morning Waves: ESE 3 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ESE 8 to 9 knots.
- Afternoon Waves: ESE 3 feet at 7 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Very small short period waves.
- Sunrise: **6:24AM** and Sunset: **6:30PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **6:31AM;2.83m, 6:49PM;3.3m**
- Low Tide: **00:31AM;0.08m, 12:26PM;0.21m**

### **iv. LAMU**

- Morning Winds: E 1 to 2 knots.
- Morning Waves: ESE 3 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Very small short period waves.
- Afternoon Winds: ESE 7 to 12 knots.
- Afternoon Waves: ESE 3 feet at 7 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Very small short period waves.
- Sunrise: **6:19AM** and Sunset: **6:26PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **6:31AM;2.7m, 6:49PM;3.19m**
- Low Tide: **00:33AM;0.07m, 12:27PM;0.2m**

### 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 00-14knots 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.*

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Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT