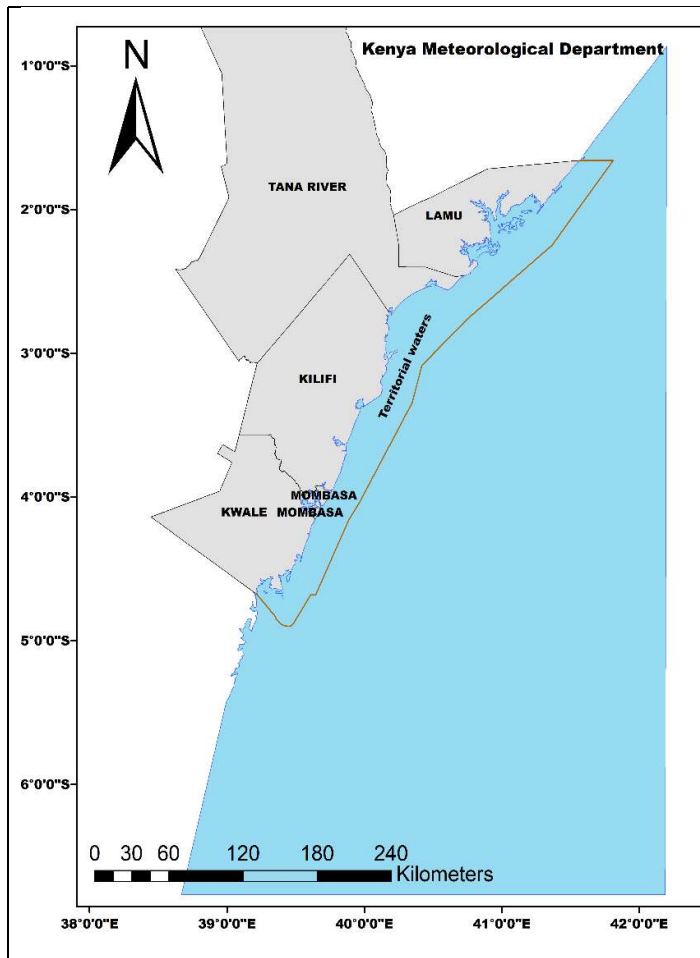




**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**  
**Issued at: 1500 EAT on 12<sup>th</sup> May, 2026**  
**Valid: 0000 EAT on 13<sup>th</sup> May, 2026 to 0000 EAT on 14<sup>th</sup> May, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to Breezy S to SSW winds (09-17 knots) with Slight chop to moderate choppy seas. ESE waves of 3-5ft (0.9-1.5m) with small short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Breezy S winds (11-17 knots) with moderate choppy seas. ESE waves of 4-5ft (1.2-1.5m) with moderate 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: SSW 9 to 11 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light SSW winds with a slight chop. Small short period waves.
- Afternoon Winds: S 12 to 16 knots.
- Afternoon Waves: ESE 4 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:21AM** and sunset: **6:17PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **1:19AM;2.71m,1:45PM;3.14m**
- Low Tide: **7:21AM;0.94m, 8:05PM;0.82m**

### **ii. MOMBASA**

- Morning Winds: S 9 to 12 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Light S winds with a slight chop. Small short period waves.
- Afternoon Winds: S 11 to 15 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:19AM** and sunset: **6:15PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **1:17AM;2.61m,1:46PM;3.02m**
- Low Tide: **7:21AM;0.94m, 8:05PM;0.81m**

### **iii.KILIFI**

- Morning Winds: S 9 to 15 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Light S winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 12 to 16 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas.Moderate short period waves.
- Sunrise: **6:18AM** and Sunset: **6:16PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:08AM;2.36m,1:37PM;2.76m**
- Low Tide: **7:12AM;0.78m, 7:57PM;0.67m**

### **iv. LAMU**

- Morning Winds: S 11 to 17 knots.
- Morning Waves: ESE 5 feet at 8 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: S 12 to 17 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas.Moderate short period waves.
- Sunrise: **6:12AM** and Sunset: **6:13PM**
- Visibility: Moderate (**9-10km**)
- High Tide: **1:08AM;2.25m,1:38PM;2.65m**
- Low Tide: **7:13AM;0.74m, 7:59PM;0.65m**

### Advisory

- Slight to moderate sea conditions are expected with a significant wave height of 0.9m-1.5m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to fresh breeze of 09-17 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 – 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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Duty Analysts  
Marine Forecasting Services

For DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT