



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

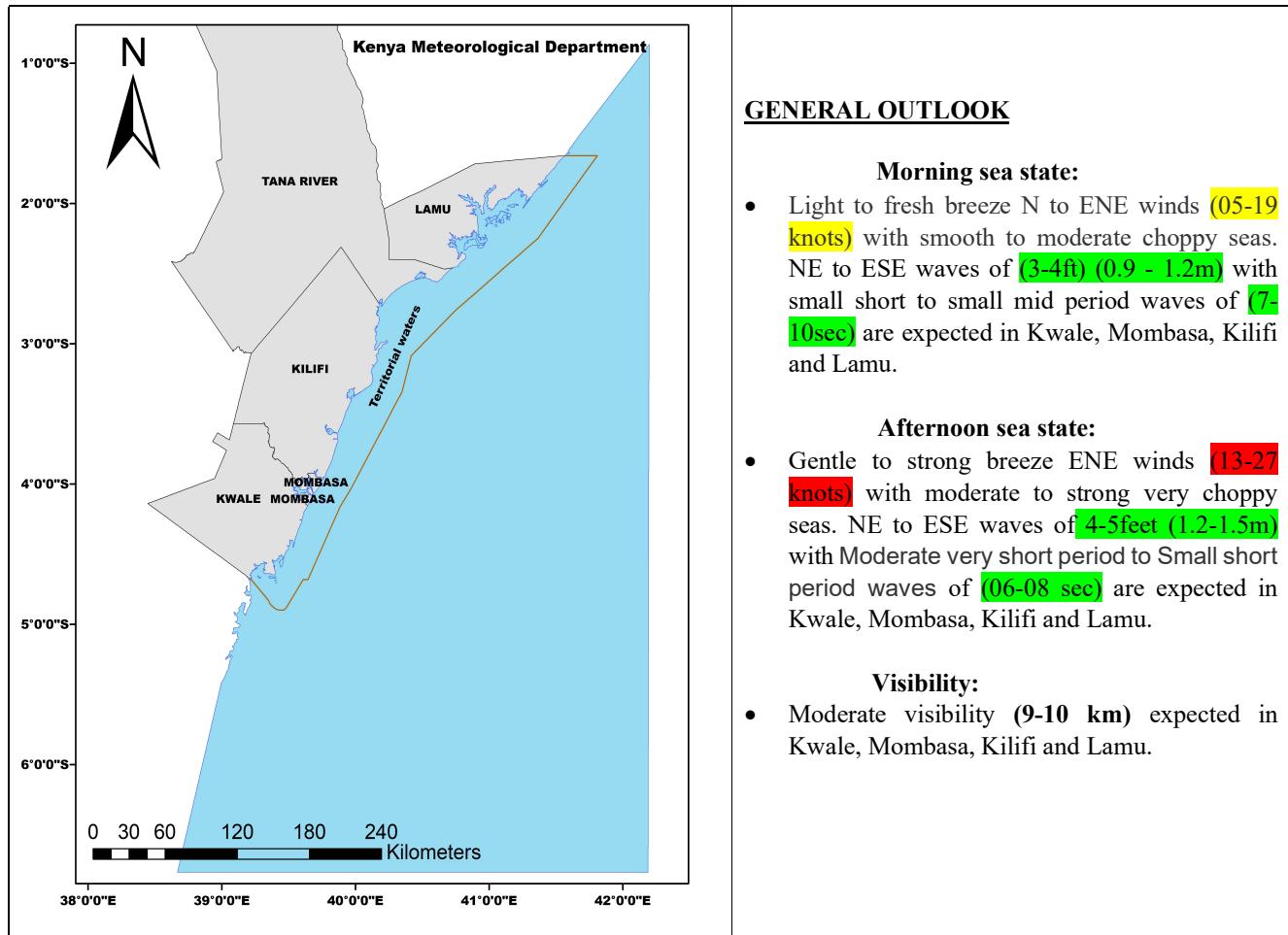
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 22<sup>nd</sup> January, 2026**

**Valid: 0000 EAT on 23<sup>rd</sup> January, 2026 to 0000 EAT on 24<sup>th</sup> January, 2026**



## **COASTAL COUNTIES MARINE NEAR SHORE FORECAST**

### **i. KWALE**

- Morning Winds: N 9 to 14 knots.
- Morning Waves: NE 3 feet at 7 seconds.
- Morning sea state: Light N winds with a slight chop. Small short period waves.
- Afternoon Winds: ENE 19 to 25 knots.
- Afternoon Waves: NE 5 feet at 7 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small short period waves.
- Sunrise: **6:23AM** and sunset: **6:44PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **6:43AM; 3.4m, 7:10PM;3.3m**
- Low Tide: **12:56AM; 0.4m**

### **ii. MOMBASA**

- Morning Winds: NNE 8 to 14 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light NNE winds with a slight chop. Small mid period waves.
- Afternoon Winds: ENE 13 to 18 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6.23AM** and sunset: **6:42PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **6:49AM; 3.4m, 7:17AM; 3.3m**
- Low Tide: **12:58PM;0.4m**

### **iii. KILIFI**

- Morning Winds: N 5 to 13 knots.
- Morning Waves: ENE 4 feet at 7 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: ENE 14 to 17 knots.
- Afternoon Waves: ENE 5 feet at 8 seconds.
- Afternoon sea state: Breezy ENE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6.23AM** and sunset: **6:41 PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:37AM; 3.1m, 7.06PM; 3m**
- Low Tide: **12:51PM; 0.2m**

### **iv. LAMU**

- Morning Winds: ENE 14 to 19 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Breezy ENE winds with moderate choppy seas. Small mid period waves.
- Afternoon Winds: ENE 19 to 27 knots
- Afternoon Waves: E 5 feet at 6 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Moderate very short period waves
- Sunrise: **6:21AM** and Sunset: **6:35PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:37PM; 3m, 7:08AM; 2.9m**
- Low Tide: **12:53PM;0.2M**

**Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of (0.9-1.5m) in Kwale, Mombasa, Kilifi and Lamu.
- Light to strong breeze of (05-27 knots) expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period. **Small boats and crafts are advised to be cautious while venturing into deep sea areas.**

**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
1.0 – 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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