



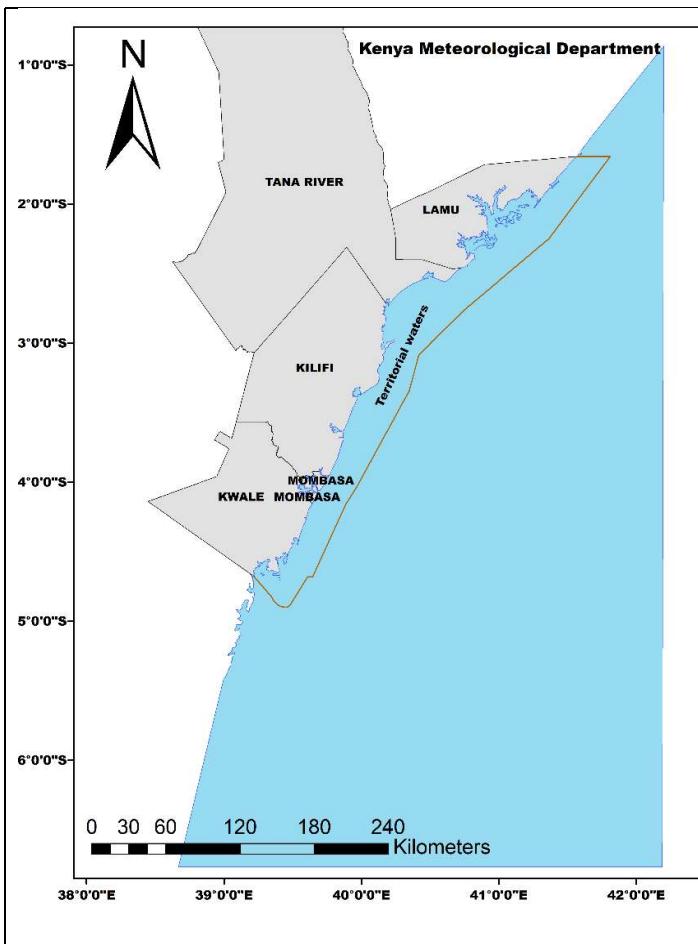
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 18<sup>th</sup> January, 2026**

**Valid: 0000 EAT on 19<sup>th</sup> January, 2026 to 0000 EAT on 20<sup>th</sup> January, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to gentle breezy NNW to NE winds (03-10 knots) with smooth to slight choppy seas. NE to ESE waves of 3-4 ft (0.9-1.2 m) with small short to small mid period waves of (7-10 sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to moderately strong breezy ENE to E winds (12-24 knots) with moderate to choppy seas. ENE to ESE waves of 4-5 ft (1.2-1.5 m) with small very short period to small mid period waves of (5-12 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: NNW 7 to 8 knots.
- Morning Waves: NE 3 feet at 7 seconds.
- Morning sea state: Light NNW winds with a slight chop. Small short period waves.
- Afternoon Winds: ENE 17 to 24 knots.
- Afternoon Waves: ENE 5 feet at 5 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small very short period waves.
- Sunrise: **6:24 AM** and sunset: **6:43 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **4:38 AM;3.55 m, 5:02 PM;3.07 m**
- Low Tide: **11:00 AM;0.42 m, 10:55 PM;0.56 m**

### **ii. MOMBASA**

- Morning Winds: N 5 to 7 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: ENE 15 to 21 knots.
- Afternoon Waves: ESE 5 feet at 12 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small mid period waves.
- Sunrise: **6:22 AM** and sunset: **6:41 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **4:40 AM;3.44 m, 5:09 PM;2.97 m**
- Low Tide: **11:03 AM;0.41 m, 10:55 PM;0.64 m**

### **iii. KILIFI**

- Morning Winds: NE 9 to 10 knots.
- Morning Waves: ESE 4 feet at 10 seconds.
- Morning sea state: Light NE winds with a slight chop. Small mid period waves.
- Afternoon Winds: ENE 16 to 23 knots.
- Afternoon Waves: ESE 5 feet at 11 seconds.
- Afternoon sea state: Moderate to strong ENE winds with choppy seas. Small mid period waves.
- Sunrise: **6:23 AM** and sunset: **6:41 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **4:33 AM;3.16 m, 5:03 PM;2.69 m**
- Low Tide: **10:58 AM;0.21 m, 10:50 PM;0.46 m**

### **iv. LAMU**

- Morning Winds: NNE 3 knots.
- Morning Waves: ESE 3 feet at 10 seconds.
- Morning sea state: Light and variable winds with smooth seas. Small mid period waves.
- Afternoon Winds: E 12 to 21 knots.
- Afternoon Waves: ESE 4 feet at 10 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Small mid period waves.
- Sunrise: **6:20 AM** and Sunset: **6:41 PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **4:33 AM;3.05 m, 5:04 PM;2.55 m**
- Low Tide: **11:01 AM;0.18 m, 10:51 PM;0.45 m**

### **Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of 0.9-1.5 m in Kwale, Mombasa, Kilifi and Lamu.
- Light to moderately strong breeze of 03-24 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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