



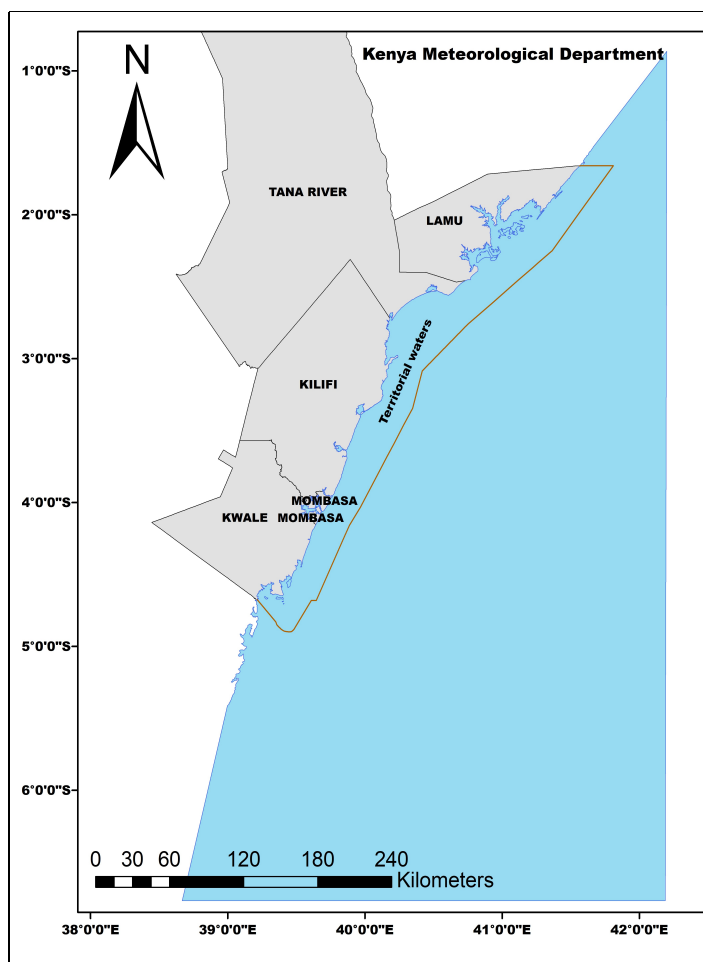
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 5<sup>th</sup> June, 2025**

**Valid: 0000 EAT on 6<sup>th</sup> June 2025 to 0000 EAT on 7<sup>th</sup> June 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to breezy S to SW winds (06-17 knots) with slight to moderate choppy seas. ESE waves of 5-6ft (1.5-1.8m) with moderate period waves of 9sec are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to moderately strong S to SSW winds (09-22 knots) with slight to choppy seas. ESE waves of 6-7feet (1.5-2.1m) with moderate 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 11 to 17 knots.
- Morning Waves: ESE 5 feet at 9 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Small short period waves.
- Afternoon Winds: SSW 16 to 20 knots.
- Afternoon Waves: ESE 6 feet at 9 seconds.
- Afternoon sea state: Moderate to strong SSW winds with choppy seas. Moderate short period waves.
- Sunrise; **6:25AM** and sunset; **6:17PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **00:44AM; 2.52m, 1:12PM; 2.9m**
- Low Tide: **6:45AM; 1.18m, 7:41PM; 1.09m**

### **ii. MOMBASA**

- Morning Winds: SW 10 to 15 knots.
- Morning Waves: ESE 5 feet at 9 seconds.
- Morning sea state: Breezy SW winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: SSW 18 to 22 knots.
- Afternoon Waves: ESE 6 feet at 9 seconds.
- Afternoon sea state: Moderate to strong SSW winds with choppy seas. Moderate short period waves.
- Sunrise; **6:23AM** and sunset; **6:16PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **00:45AM; 2.34m, 1:19PM; 2.81m**
- Low Tide: **6:41AM; 1.12m, 7:44PM; 1.09m**

### **iii. KILIFI**

- Morning Winds: SSW 14 to 17 knots.
- Morning Waves: ESE 6 feet at 9 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Moderate short period waves.
- Afternoon Winds: SSW 20 to 22 knots.
- Afternoon Waves: ESE 7 feet at 9 seconds.
- Afternoon sea state: Strong SSW winds with very choppy seas. Small Craft Advisory. Moderate short period waves.
- Sunrise; **6:21AM** and sunset; **6:17PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:39AM; 2.12m, 1:09PM; 2.56m**
- Low Tide: **6:33AM; 0.99m, 7:37PM; 0.92m**

### **iv. LAMU**

- Morning Winds: S 6 to 17 knots.
- Morning Waves: ESE 6 feet at 9 seconds.
- Morning sea state: Light S winds with a slight chop. Moderate short period waves.
- Afternoon Winds: S 9 to 19 knots.
- Afternoon Waves: ESE 6 feet at 9 seconds.
- Afternoon sea state: Light S winds with a slight chop. Moderate short period waves.
- Sunrise; **6:15AM** and Sunset; **6:15PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **00:38AM; 2.01m, 1:10PM; 2.47m**
- Low Tide: **6:33AM; 0.93m, 7:40PM; 0.88m**

### **Advisory**

- Slight to moderate sea conditions are expected with a significant wave height of 1.5-2.1m in Kilifi.
- Light to fresh breeze of (06-22 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 in Kilifi.

### **KEY ON SEA STATE**

WAVE HEIGHT RANGE (Meters)	DESCRIPTION	IMPACT
0.6 – 1.0 m ( $\approx$ 1.8 – 3.0 ft)	Slight	Conditions suitable for Marine activities
1.0 – 1.9 m ( $\approx$ 3.0 – 5.7 ft)	Slight - Moderate	
2.0 – 2.9 m ( $\approx$ 6.0 – 8.7 ft)	Moderate-Rough	Caution on operating marine activities
3.0 – 4.0 m ( $\approx$ 9.0 – 12.0 ft)	Rough	Warning in place!!!!
4.1 – 5.5 m ( $\approx$ 12.3 – 16.5 ft)	Very Rough	Warning in place and marine activities on hold

### **KEY ON SEA STATE**

WIND	RANGE	DESCRIPTIONS	IMPACT
	< 1 – 7 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 – $\geq$ 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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