



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

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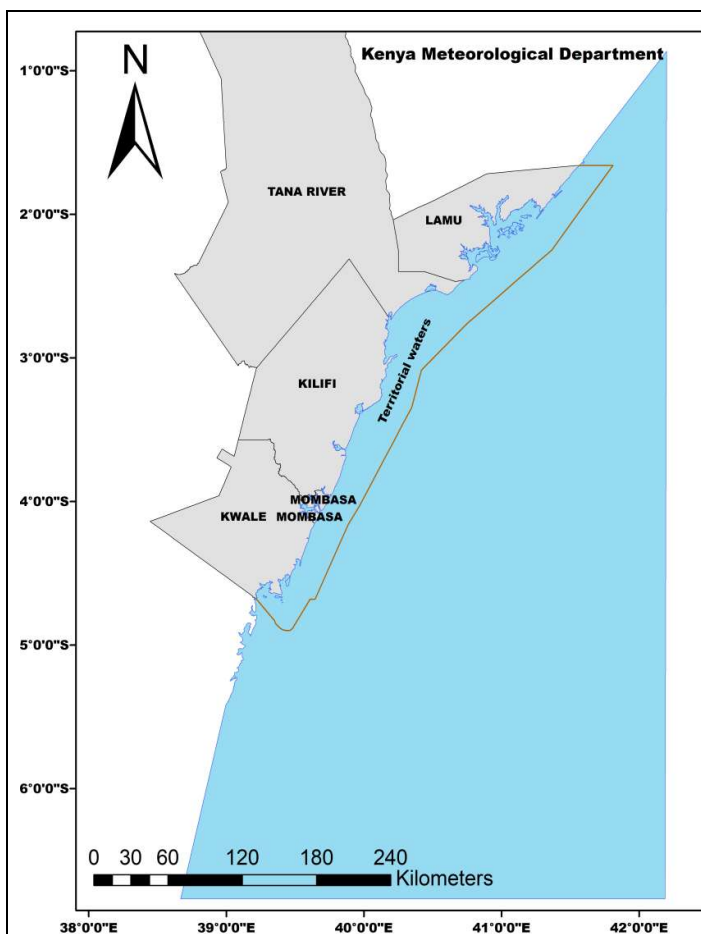
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**DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST**

**Issued at: 1500 EAT on 25<sup>th</sup> June 2025**

**Valid: 0000 EAT on 26<sup>th</sup> June 2025 to 0000 EAT on 27<sup>th</sup> June 2025**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light to Gentle breeze S to SSW winds (05-15 knots) with choppy seas. ESE waves of 4-6 feet (1.2m – 1.8m) with period waves of (9- sec) expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Light to Gentle breeze SSE winds (08-15 knots) with choppy seas. ESE waves of 4-6 feet (1.2m – 1.8m) with period waves of (9 sec) 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: S 8 to 9 knots.
- Morning Waves: ESE 4 feet at 9 seconds.
- Morning sea state: Light S winds with a slight chop. Small short period waves..
- Afternoon Winds: SSE 12 to 13 knots.
- Afternoon Waves: ESE 4 feet at 9 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Small short period waves.
- Sunrise; **06:29AM** and sunset; **06:22PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **04:34AM; 3.1m, 04:46PM; 3.8m,**
- Low Tide: **10:24AM; 0.5m, 11:14PM; 0.3m,**

### **ii. MOMBASA**

- Morning Winds: SSW 7 to 10 knots.
- Morning Waves: ESE 5 feet at 9 seconds.
- Morning sea state: Light SSW winds with a slight chop. Moderate short period waves.
- Afternoon Winds: SSE 11 to 14 knots.
- Afternoon Waves: ESE 5 feet at 9 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Moderate short period waves.
- Sunrise; **06:27AM** and sunset; **6:20PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **04:41AM; 2.9m, 04:53PM; 3.7m,**
- Low Tide: **10:24AM; 0.5m, 11:18PM; 0.3m,**

### **iii. KILIFI**

- Morning Winds: SSW 5 to 7 knots.
- Morning Waves: ESE 6 feet at 9 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: SSE 10 to 15 knots.
- Afternoon Waves: ESE 6 feet at 9 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Moderate short period waves.
- Sunrise; **06:26AM** and sunset; **06:21PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **04:33AM; 2.6m, 04:43PM; 3.4m,**
- Low Tide; **10:18AM; 0.4m; 11:11PM; 0.1m;**

### **iv. LAMU**

- Morning Winds: SSE 5 to 15 knots.
- Morning Waves: ESE 6 feet at 9 seconds.
- Morning sea state: Light SSE winds with a slight chop. Moderate short period waves.
- Afternoon Winds: SSE 8 to 15 knots.
- Afternoon Waves: ESE 6 feet at 9 seconds.
- Afternoon sea state: Light SSE winds with a slight chop. Moderate short period waves.
- Sunrise; **06:19AM** and sunset; **06:18PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **04:33AM; 2.5m, 04:43PM; 3.3m,**
- Low Tide: **10:18AM; 0.4m, 11:14PM; 0.1m,**

### **Advisory**

- Moderate Sea conditions are expected with a wave height of 1.2m – 1.8m in Kwale, Mombasa, Kilifi and Lamu.
- Light to Gentle breeze of (05-15 knots) expected in Kwale, Mombasa, Kilifi and Lamu.

#### **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!!!! Warning in place and marine activities on hold
4.1 – 5.5 m ( $\approx$ 12.3 – 16.5 ft)	Very Rough	

#### **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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