



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

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya

**Telephone:** 254 (0) 20 3867880-7, **Fax:** 254 (0) 20 3876955/3877373/3867888,

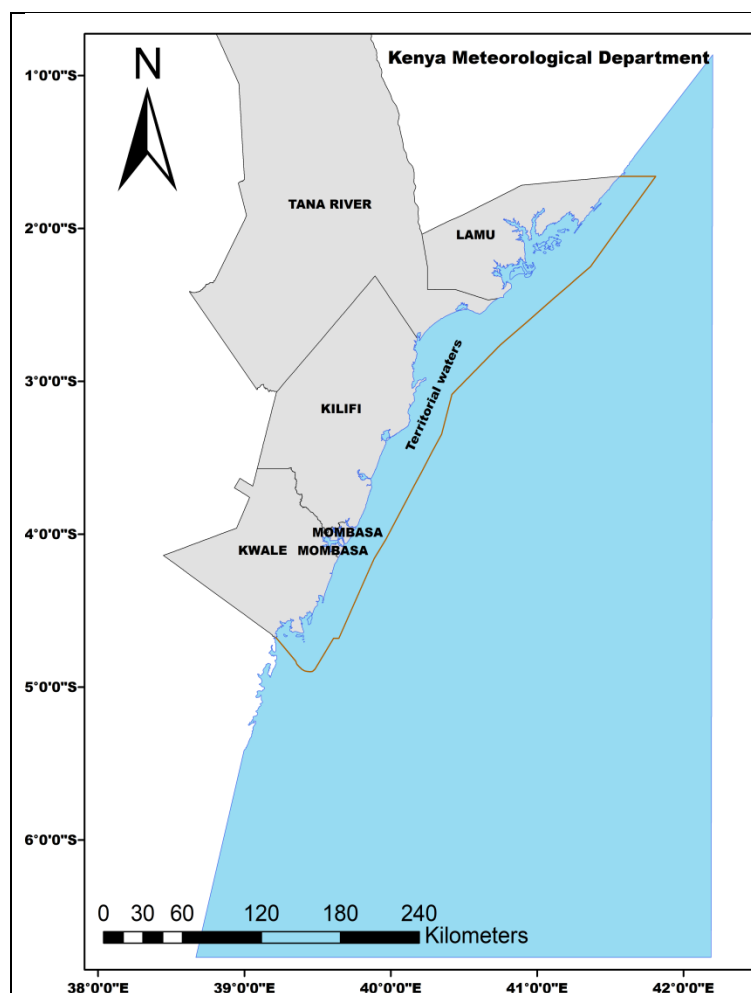
**e-mail:** [director@meteo.go.ke](mailto:director@meteo.go.ke), [info@meteo.go.ke](mailto:info@meteo.go.ke) **Website:** <http://www.meteo.go.ke>

---

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

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

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



**GENERAL OUTLOOK**

**Morning sea state:**

- Gentle to Fresh breeze S to SSW winds (08-21 knots) with choppy seas. ESE waves of 5-8 feet (1.5m – 2.4m) with period waves of (10 - sec) expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Gentle to Fresh breeze S winds (12-21 knots) with choppy seas. ESE waves of 5-7 feet (1.5m – 2.1m) with period waves of (10 - 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 15 to 17 knots.
- Morning Waves: ESE 5 feet at 10 seconds.
- Morning sea state: Moderate to strong S winds with choppy seas. Small mid period waves.
- Afternoon Winds: S 14 to 19 knots.
- Afternoon Waves: ESE 5 feet at 10 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small mid period waves.
- Sunrise; **06:32AM** and sunset; **06:27PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **05.10AM; 3.2m, 05.19PM; 3.7m,**
- Low Tide: **11:04 AM; 0.5m, , 11:39 PM; 0.2m**

### **ii. MOMBASA**

- Morning Winds: S 12 to 17 knots.
- Morning Waves: ESE 6 feet at 10 seconds.
- Morning sea state: Breezy S winds with moderate choppy seas. Moderate mid period waves.
- Afternoon Winds: S 13 to 19 knots.
- Afternoon Waves: ESE 6 feet at 10 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate mid period waves.
- Sunrise; **06:30AM** and sunset; **6:25PM**
- Visibility: **Moderate (9-10 km)**
- High Tide: **05:17AM; 3.1m, 05:26PM; 3.6m**
- Low Tide: **11:07AM; 0.5m, 11:43PM; 0.2m**

### **iii. KILIFI**

- Morning Winds: SSW 8 to 17 knots.
- Morning Waves: ESE 7 feet at 10 seconds.
- Morning sea state: Light SSW winds with a slight chop. Moderate mid period waves.
- Afternoon Winds: S 12 to 20 knots.
- Afternoon Waves: ESE 7 feet at 10 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Moderate mid period waves.
- Sunrise; **06:29AM** and sunset; **06:26PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **05:09AM; 2.8m, 05:17PM; 3.3m,**
- Low Tide: **11:00AM; 0.3m; 11:35PM; 0.1m;**

### **iv. LAMU**

- Morning Winds: SSE 16 to 21 knots.
- Morning Waves: ESE 8 feet at 10 seconds.
- Morning sea state: Moderate to strong SSE winds with choppy seas. Moderate mid period waves.
- Afternoon Winds: S 17 to 21 knots.
- Afternoon Waves: ESE 7 feet at 10 seconds.
- Afternoon sea state: Moderate to strong S winds with choppy seas. Moderate mid period waves.
- Sunrise; **06:22AM** and sunset; **06:23PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **05.10AM; 2.7m, 05.17PM; 3.2m**
- Low Tide: **11:01AM; 0.3m, 11:37PM; 0.1m**

### Advisory

- Moderate to Rough Sea conditions are expected with a wave height of 1.5m – 2.1m in Kwale, Mombasa, Kilifi and Lamu. Caution on operating marine activities.
- Gentle to Fresh breeze of 08 -21 knots expected in Kwale, Mombasa, Kilifi and Lamu. Caution in carrying out marine activities

### 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.*

Mr. Kainga M. Misheck  
Duty Analyst  
Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT