



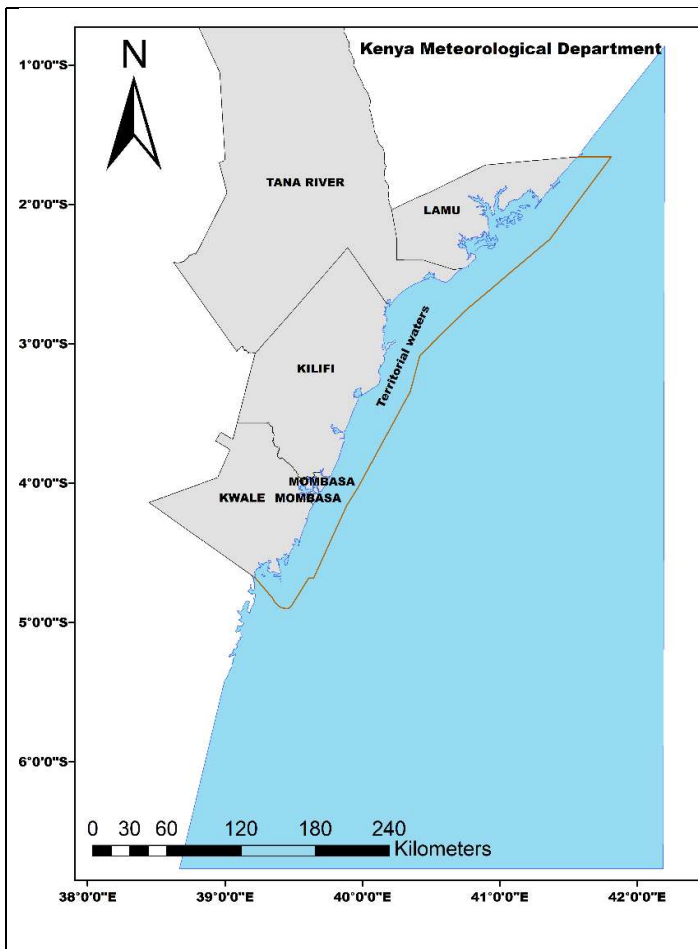
**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**STATE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE**  
**KENYA METEOROLOGICAL DEPARTMENT**

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 8<sup>th</sup> May, 2026**

**Valid: 0000 EAT on 9<sup>th</sup> May, 2026 to 0000 EAT on 10<sup>th</sup> May, 2026.**



**GENERAL OUTLOOK**

**Morning sea state:**

- Light S winds (8-13 knots) with slight choppy seas. ESE waves of 3-4 ft (0.9-1.2m) with small short period waves of 8 sec are expected in Kwale, Mombasa, Kilifi and Lamu.

**Afternoon sea state:**

- Breezy SSE to S winds (10-16 knots) with moderate choppy seas. ESE waves of 3-4ft (0.9-1.2 m) with small short period waves of 8 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: SSW 10 to 12 knots.
- Morning Waves: ESE 2 feet at 8 seconds.
- Morning sea state: Breezy SSW winds with moderate choppy seas. Very small short period waves.
- Afternoon Winds: S 12 to 15 knots.
- Afternoon Waves: SE 3 feet at 6 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Very small very short period waves.
- Sunrise: **6:21 AM** and sunset: **6:17 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:56 AM 2.27 m, 8:56 AM 2.27 m**
- Low Tide: **2:38 AM 1.26 m, 2:39 PM 1.46 m**

### ii. MOMBASA

- Morning Winds: SW 8 to 11 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light SW winds with a slight chop. Small short period waves.
- Afternoon Winds: S 10 to 14 knots.
- Afternoon Waves: ESE 3 feet at 7 seconds.
- Afternoon sea state: Breezy S winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:19 AM** and sunset: **6:16 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:52 AM 2.26 m, 9:03 PM 2.53 m**
- Low Tide: **2:36 AM 1.17m, 2:30 PM 1.46 m**

### iii. KILIFI

- Morning Winds: S 8 to 11 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light S winds with a slight chop. Small short period waves.
- Afternoon Winds: SSE 10 to 15 knots.
- Afternoon Waves: ESE 4 feet at 8 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:18 AM** and Sunset: **6:16 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:49 AM 1.96 m, 8:54 PM 2.25m**
- Low Tide: **2:35 AM 0.99 m, 2:26 PM 1.3 m**

### iv. LAMU

- Morning Winds: S 9 to 13 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light S winds with a slight chop. Small short period waves.
- Afternoon Winds: SSE 10 to 14 knots.
- Afternoon Waves: ESE 3 feet at 7 seconds.
- Afternoon sea state: Breezy SSE winds with moderate choppy seas. Small short period waves.
- Sunrise: **6:12 AM** and Sunset: **6:13 PM**
- Visibility: Moderate (**9-10 km**)
- High Tide: **8:51AM 1.86 m, 8:53 PM 2.17 m**
- Low Tide: **2:38 AM 0.94 m, 2:25 PM 1.25 m**

### Advisory

- Slight sea conditions are expected with a significant wave height of 0.9m-1.2m in Kwale, Mombasa, Kilifi and Lamu.
- Gentle to fresh breeze of 8-16knots expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period.

### **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 – 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.*

Dr Okello and Mr. Muriithi.  
Duty Analysts  
Marine Forecasting Services

For  
DIRECTOR,  
KENYA METEOROLOGICAL DEPARTMENT