



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

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**REF.NO: KMD/FCST/07-2026/MARINE/30**

**Date: Issued on 23<sup>rd</sup> July, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 24/07/2026 - 30/07/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

Southerly to South-Westerly winds are expected over Somalia waters with wind speeds of 10 to 30 knots (05-15m/s) throughout the forecast period.

East-South-Easterly to Southerly winds are expected over Kenya and Tanzania waters with wind speeds of 04 to 20 knots (02-10. m/s) throughout the forecast period.

**1.2 Sig. Wave Height and Direction:**

East-south easterly waves are expected over Somalia, Kenya and Tanzania waters with wave heights of 1.5-2.5m ( $\approx$  0.6–7.5 ft) throughout the forecast period.

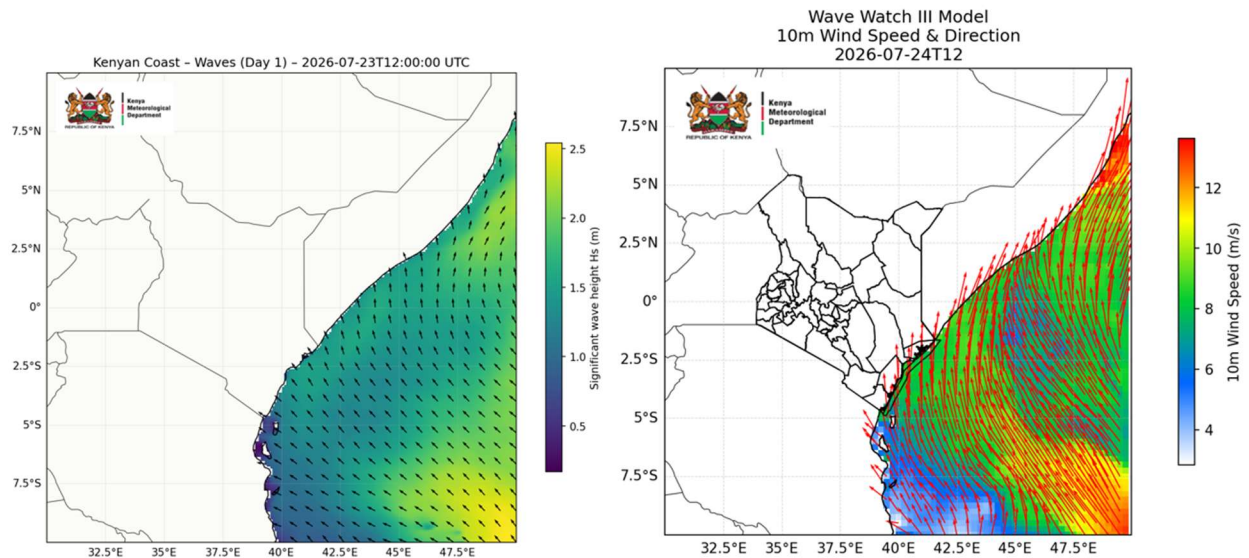
**1.3 Sea condition**

- Gentle breeze to strong breeze with wind speeds of 05–14m/s (10 to 28 Knots) expected over Somalia waters throughout the forecast period.
- Light breeze to Fresh breeze with wind speeds of 02-10m/s (04 to 20 Knots) expected over Kenya, and Tanzania waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.5–2.5m ( $\approx$  1.5–7.5 ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 24<sup>TH</sup> JULY, 2026 TO 30<sup>TH</sup> JULY, 2026.

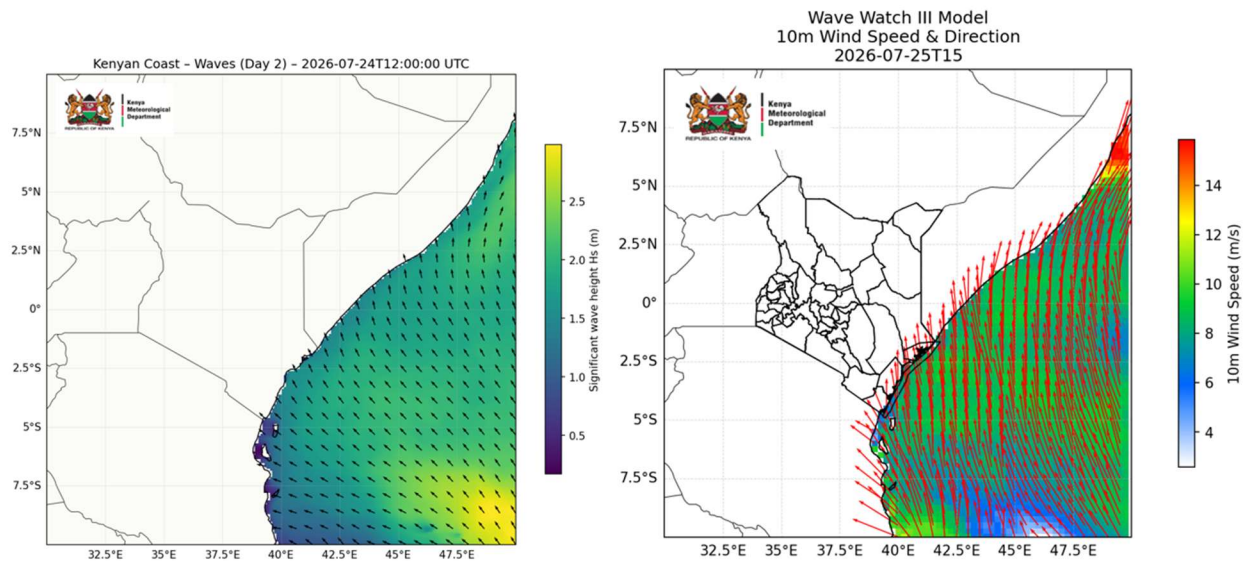
### 2.1 Thursday 23<sup>rd</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx 1.5 - 7.5$ ft)      10m Winds: 04-26 knots ( $\approx 02 - 13$  m/s)



### 2.2 Saturday 25<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

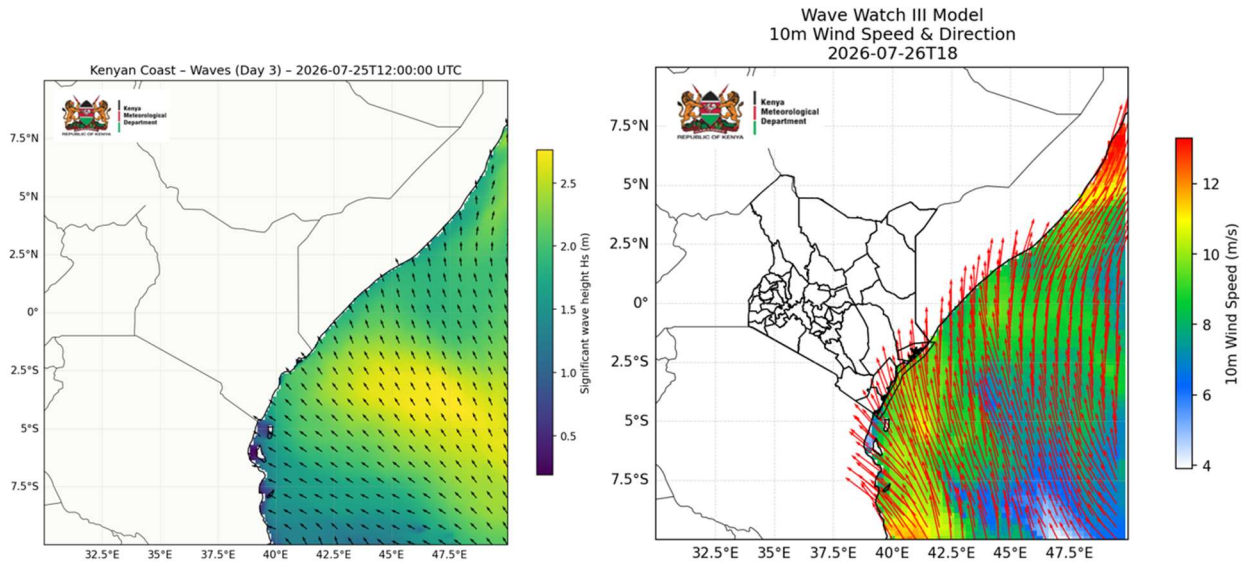
Wave height: 0.5 m to 2.5m ( $\approx 1.5 - 7.5$ ft)      10m Winds: 08-30 knots ( $\approx 4 - 15$  m/s)



### 2.3 Sunday 26<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)

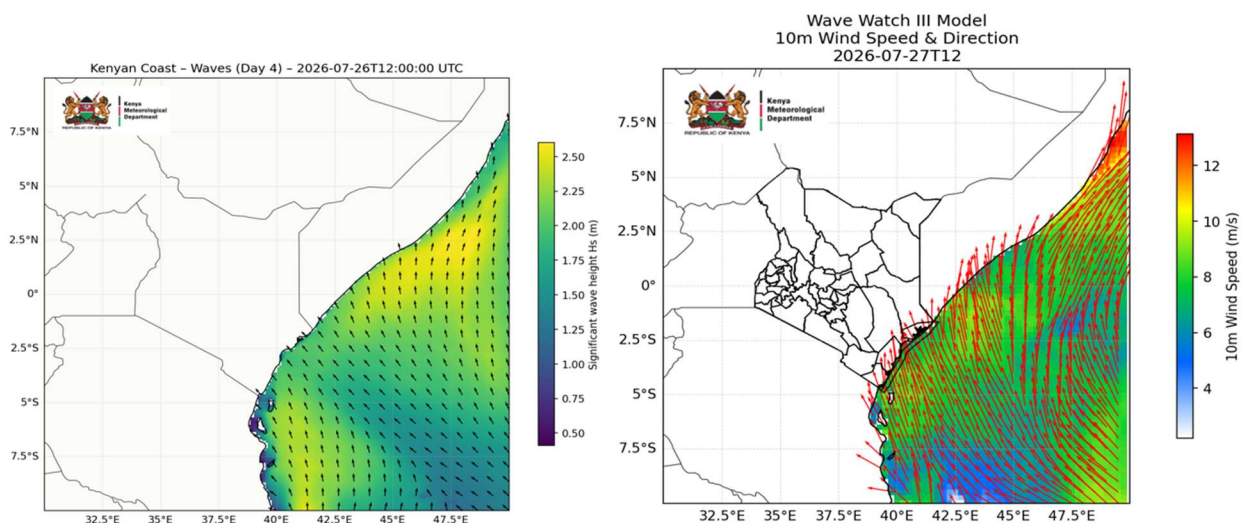
10m Winds: 08-26 knots ( $\approx$  04– 13m/s)



### 2.4 Monday 27<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5 m ( $\approx$  1.5– 7.5ft)

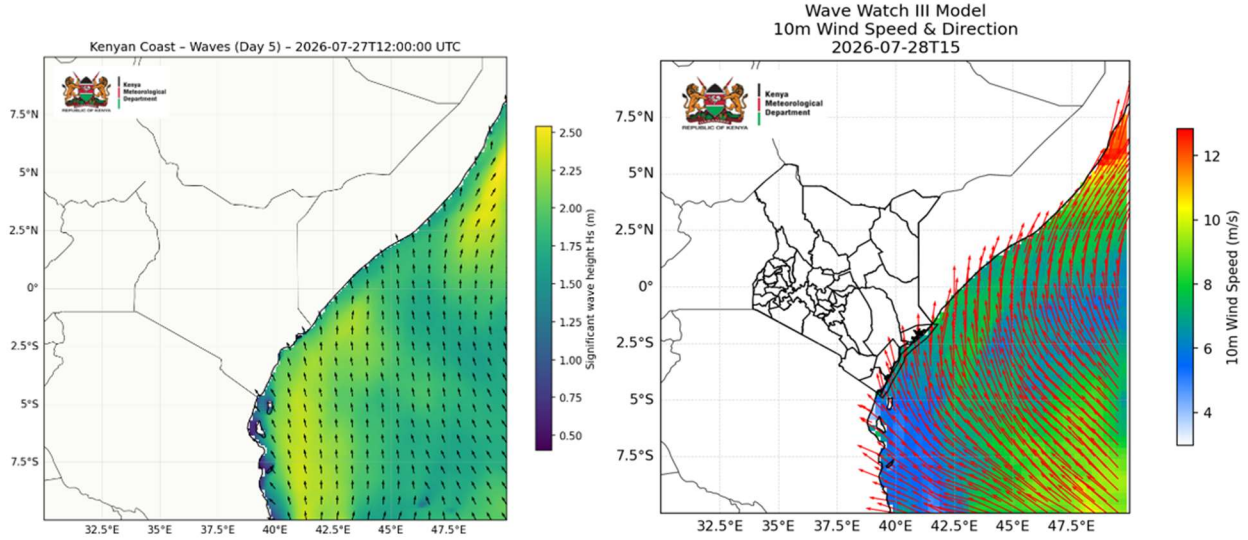
10m Winds: 08-26 knots ( $\approx$  04 – 13m/s)



### 2.5 Tuesday 28<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx 1.5\text{--}7.5\text{ft}$ )

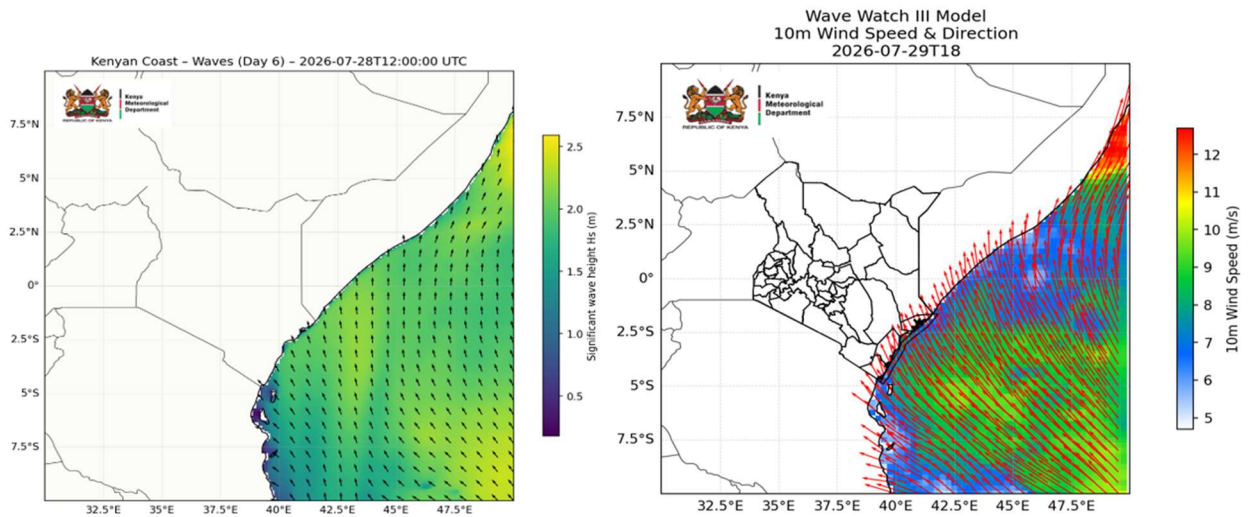
10m Winds: 8-24 knots ( $\approx 04\text{--}12\text{m/s}$ )



## 2.6 Wednesday 29<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx 1.5\text{--}7.5\text{ft}$ )

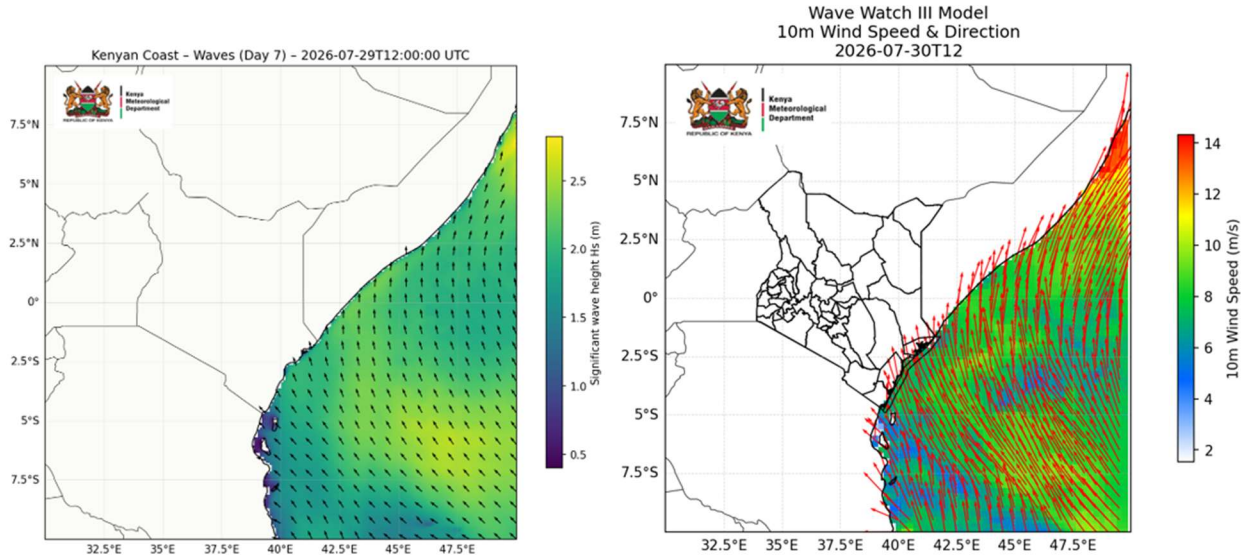
10m Winds: 08-24knots ( $\approx 4\text{--}12\text{m/s}$ )



## 2.7 Thursday 30<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)

10m Winds: 04-28 knots ( $\approx$  02 – 14m/s)

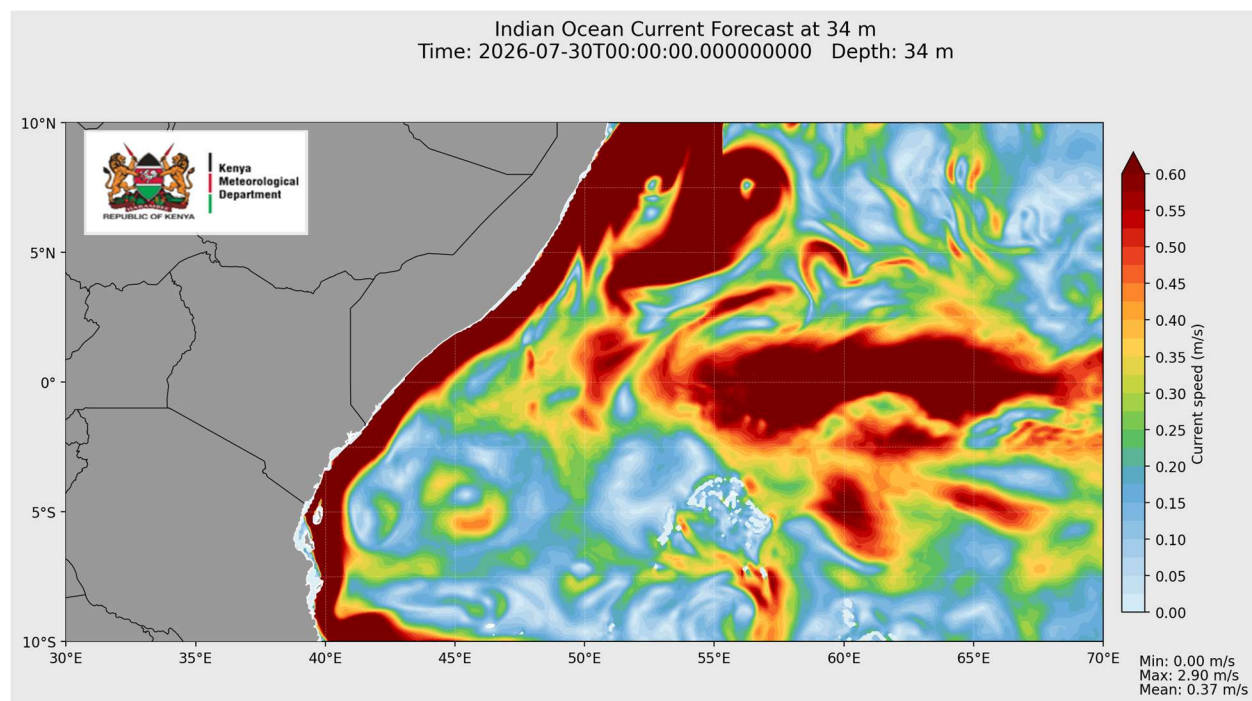


## 3.0 TIDE FORECAST VALID FROM 23<sup>RD</sup> JULY, 2026 TO 29<sup>TH</sup> JULY, 2026.

| Date                            | Description          | High Tide |        | Low Tide |        |
|---------------------------------|----------------------|-----------|--------|----------|--------|
|                                 |                      | Time      | Height | Time     | Height |
| Fri 24 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide |           |        | 5:18 AM  | 1.31m  |
|                                 | 2 <sup>nd</sup> Tide | 12:24PM   | 2.6m   | 7:19 PM  | 1.31m  |
| Sat 25 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide | 1:17 AM   | 2.03 m | 6:46AM   | 1.34 m |
|                                 | 2 <sup>nd</sup> Tide | 1:41 PM   | 2.68 m | 8:29 PM  | 1.15 m |
| Sun 26 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide | 2:30 AM   | 2.17 m | 7:59 AM  | 1.25m  |
|                                 | 2 <sup>nd</sup> Tide | 2:38 PM   | 2.84 m | 9:15 PM  | 0.96 m |
| Mon 27 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide | 3:18 AM   | 2.36 m | 8:83 AM  | 1.09 m |

|                                       |                            |         |        |          |        |
|---------------------------------------|----------------------------|---------|--------|----------|--------|
|                                       | <b>2<sup>nd</sup> Tide</b> | 3:21 PM | 3.21 m | 9:51 PM  | 0.76 m |
| <b>Tue 28<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 3:55 AM | 2.55 m | 9:35 AM  | 0.93 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 3:57 PM | 3.18 m | 10:23 PM | 0.59 m |
| <b>Wed 29<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 4:27 AM | 2.74 m | 10:12 AM | 0.78 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 4:29 PM | 3.31 m | 10:51 PM | 0.44 m |
| <b>Thu 30<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 4:58 AM | 2.9 m  | 10:45 AM | 0.65 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 5:01 PM | 3.39 m | 11:19 PM | 0.34 m |

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 24/07/2026 TO 30/07/2026



#### KEY ON SEA STATE

| WAVE HEIGHT RANGE<br>(Meters)           | DESCRIPTION       | IMPACT                                                                         |
|-----------------------------------------|-------------------|--------------------------------------------------------------------------------|
| 0.6 – 1.0 m ( $\approx$ 1.8 – 3.0 ft)   | Slight            | <b>Conditions suitable for Marine activities</b>                               |
| 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    | <b>Caution on operating marine activities</b>                                  |
| 3.0 – 4.0 m ( $\approx$ 9.0 – 12.0 ft)  | Rough             | <b>Warning in place!!!!<br/>Warning in place and marine activities on hold</b> |
| 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                     | <b>1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations</b>                                             |
|      | 7 – 21 Knots         | Gentle breeze to fresh breeze            | <b>7 – 17 knots, small boats are likely to be filled with water sprays and become unstable.<br/>Caution in carrying out marine activities</b>             |
|      | 22 – $\geq$ 34 Knots | Strong breeze to extremely strong breeze | <b>More than 21 knots, the ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations. Warning in place!!!!</b> |

***N.B:** This forecast should be used in conjunction with the daily marine forecast issued by this Department.*

***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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Duty Analysts

Marine Forecasting Services

For

DIRECTOR,

KENYA METEOROLOGICAL DEPARTMENT