



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

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**REF.NO: KMD/FCST/05-2026/MARINE/21**

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

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 24/05/2026 - 30/05/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

South-South-Easterly to South-Westerly winds are expected over Somalia waters with wind speeds of 08 to 25 knots (04-12.5 m/s) throughout the forecast period.

East-South-Easterly to South-South-Westerly winds are expected over Kenya and Tanzania waters with wind speeds of 05 to 20 knots (2.5-10 m/s) throughout the forecast period.

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

East-South-Easterly to South-South-westerly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.25–2.25m ( $\approx$  0.75–6.75ft) throughout the forecast period.

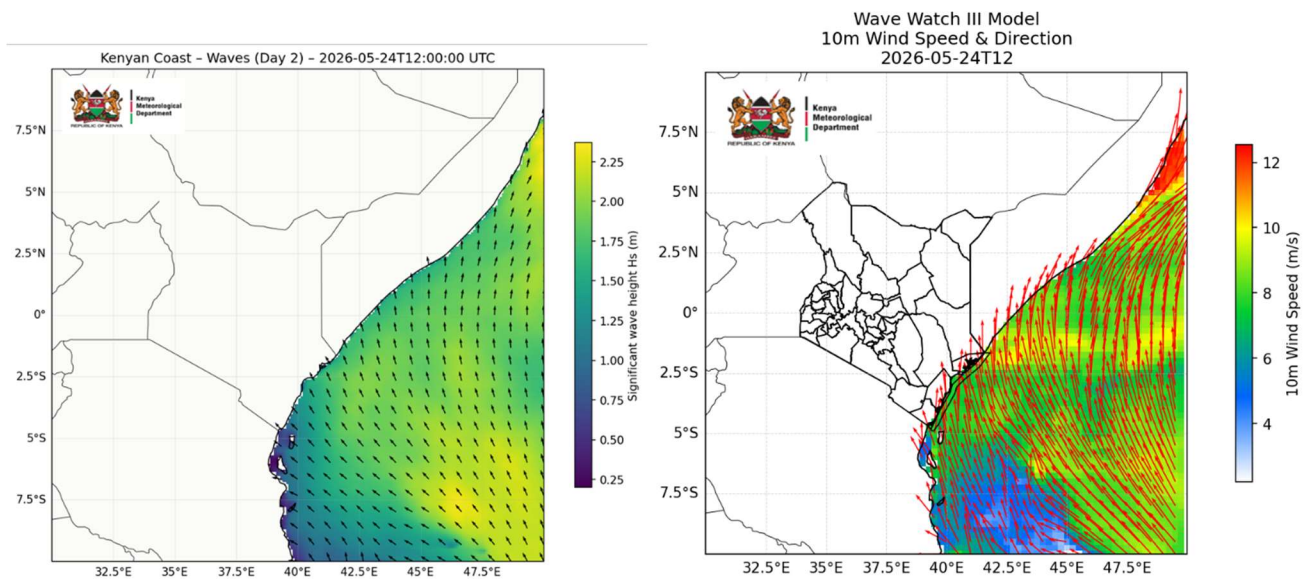
**1.3 Sea condition**

- Gentle breeze to strong breeze with wind speeds of 04–12.5m/s (08 to 25 Knots) expected over Somalia waters throughout the forecast period.
- Light breeze to fresh breeze with wind speeds of 2.5–10m/s (05 to 20 Knots) expected Kenya, and Tanzania waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.25–2.25m ( $\approx$  0.75–6.75ft) 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> MAY, 2026 TO 30<sup>TH</sup> MAY, 2026.

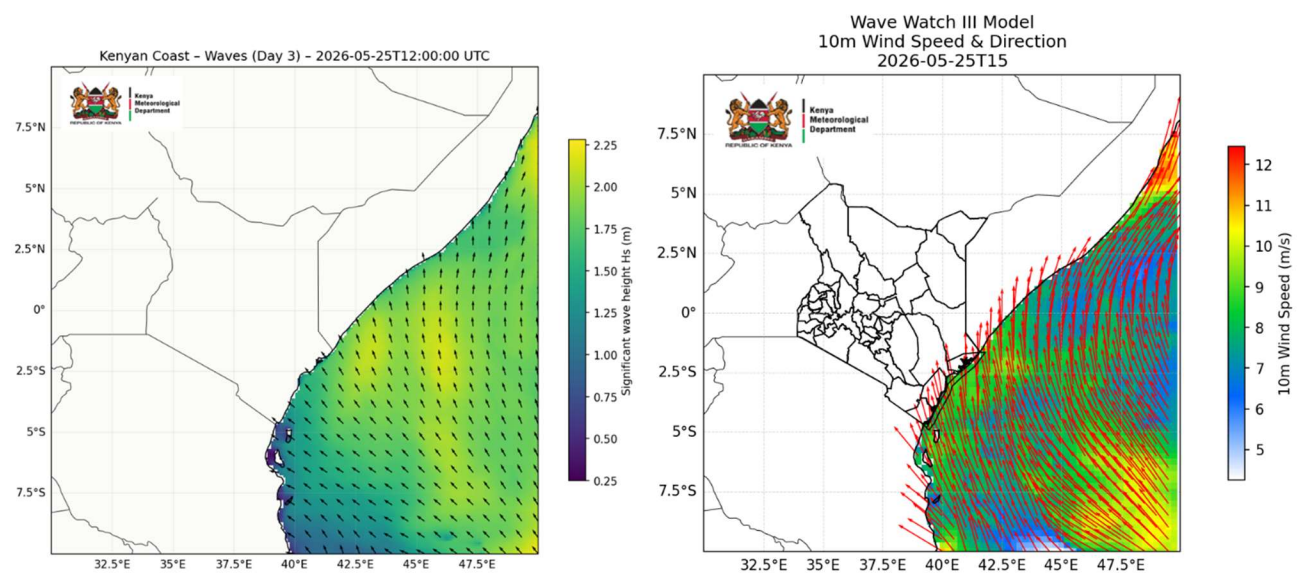
### 2.1 Sunday 24<sup>th</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.7m ( $\approx$  1.2– 8.1ft)      10m Winds: 04-28knots ( $\approx$  2 – 14m/s)



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

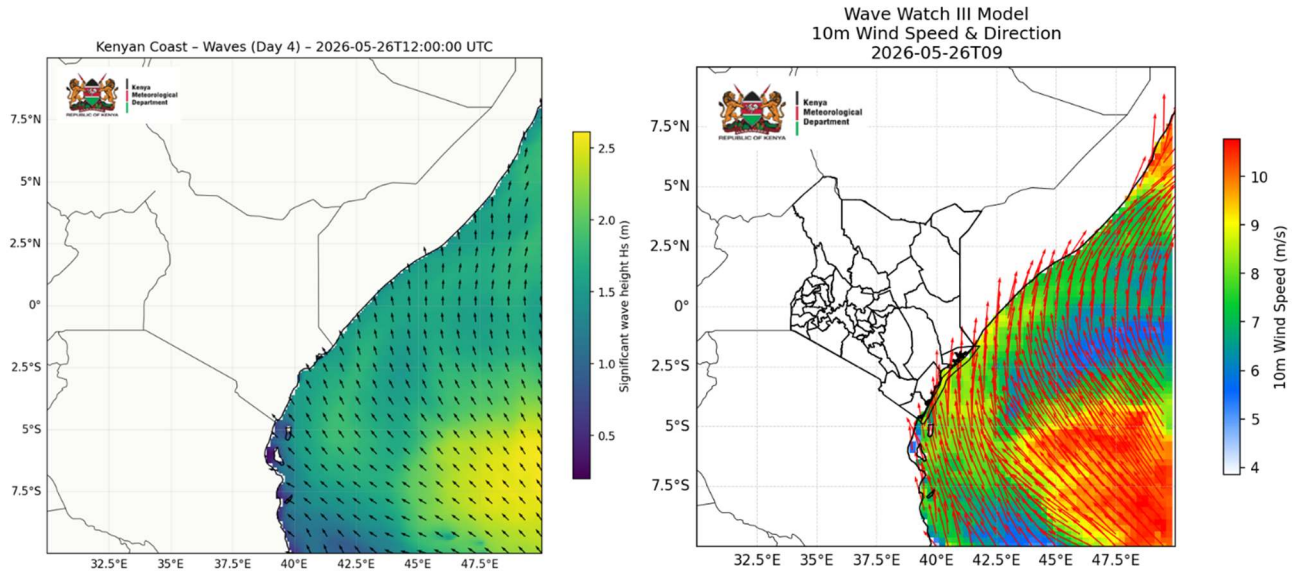
Wave height: 0.3 m to 2.7m ( $\approx$  0.9– 8.1ft)      10m Winds: 06-24 knots ( $\approx$  3 – 12m/s)



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

Wave height: 0.3 m to 2.5m ( $\approx 0.9$ – 7.5ft)

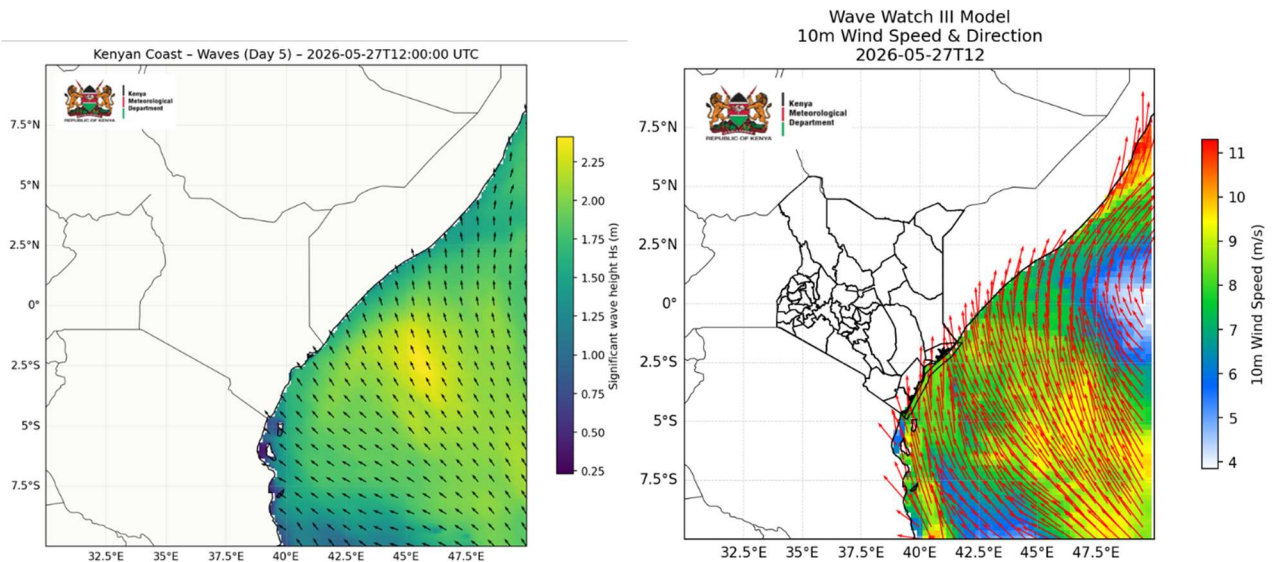
10m Winds: 04-22 knots ( $\approx 3$ – 11 m/s)



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

Wave height: 0.4 m to 2.7m ( $\approx 1.2$ – 8.1ft)

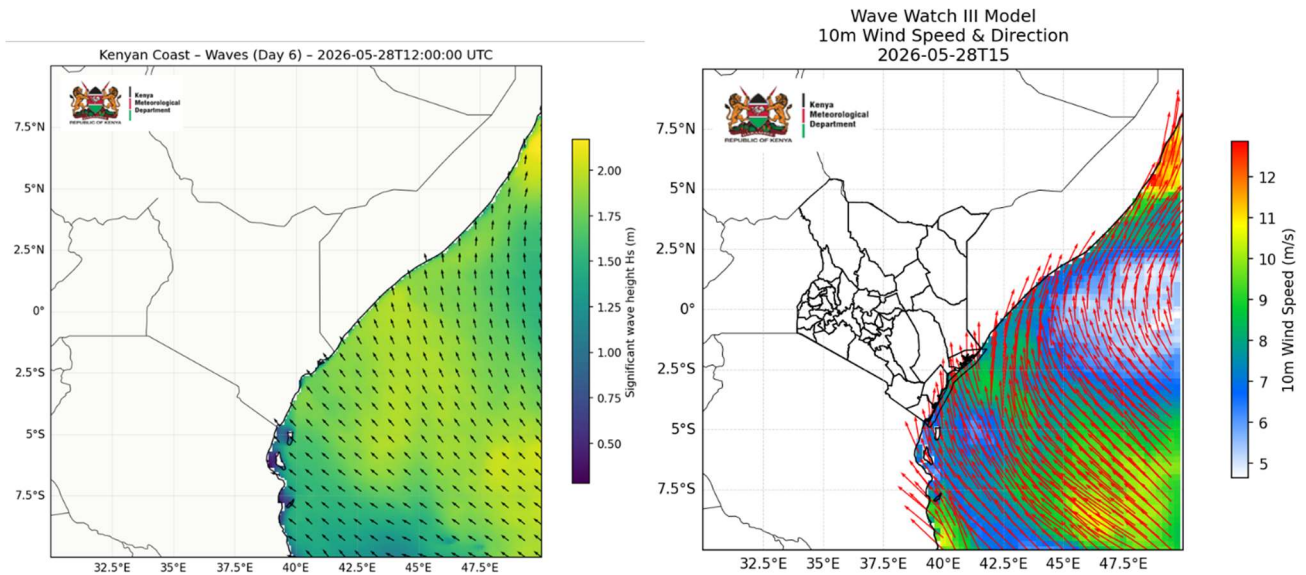
10m Winds: 06-24 knots ( $\approx 3$ – 12 m/s)





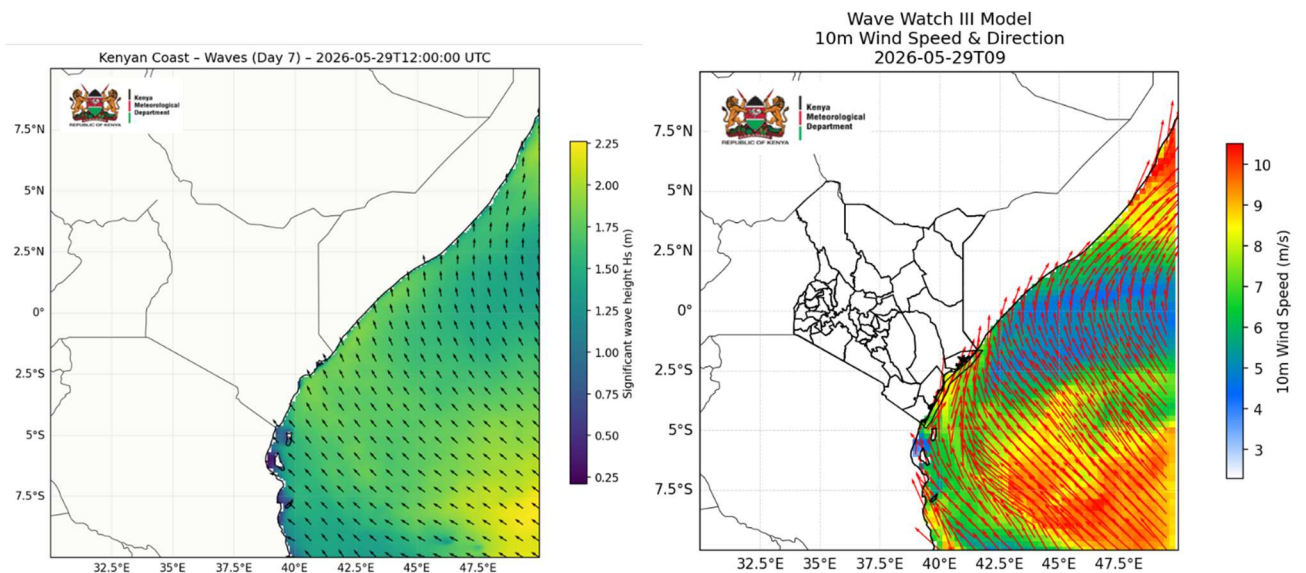
## 2.5 Thursday 28<sup>th</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.5m ( $\approx$  1.2– 7.5ft)      10m Winds: 06 -24 knots ( $\approx$  3– 12m/s)



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

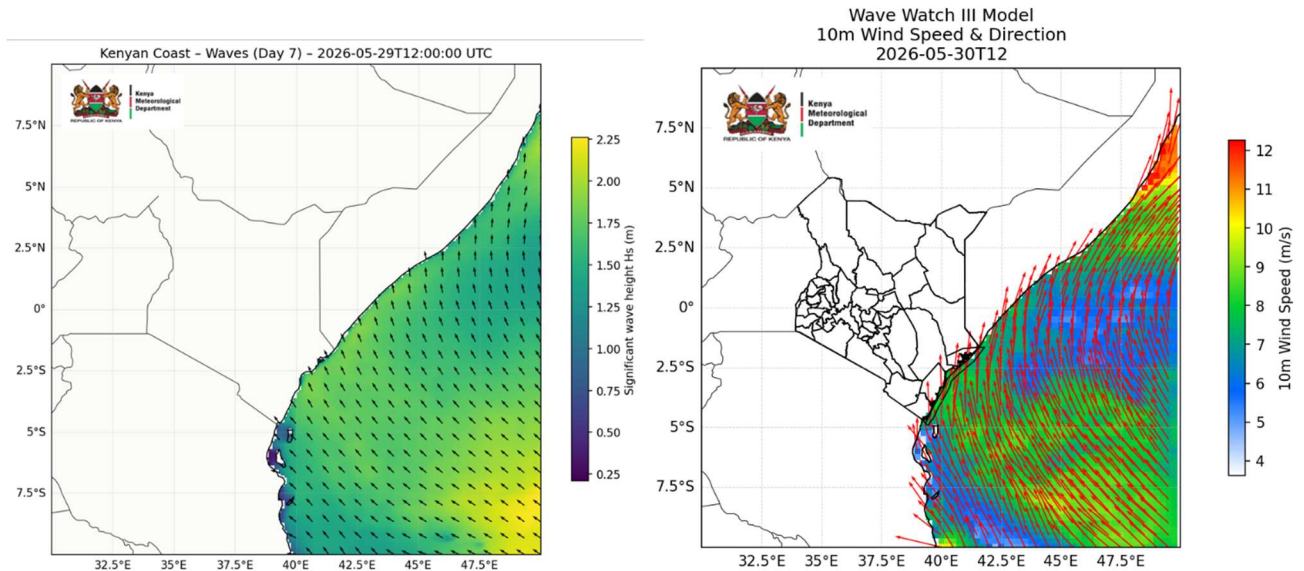
Wave height: 0.4 m to 2.7m ( $\approx$  1.2– 8.1ft)      10m Winds: 08-26 knots ( $\approx$  4 – 13m/s)



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

Wave height: 0.3 m to 2.7m ( $\approx$  0.9– 8.1ft)

10m Winds: 04-24 knots ( $\approx$  2– 12m/s)

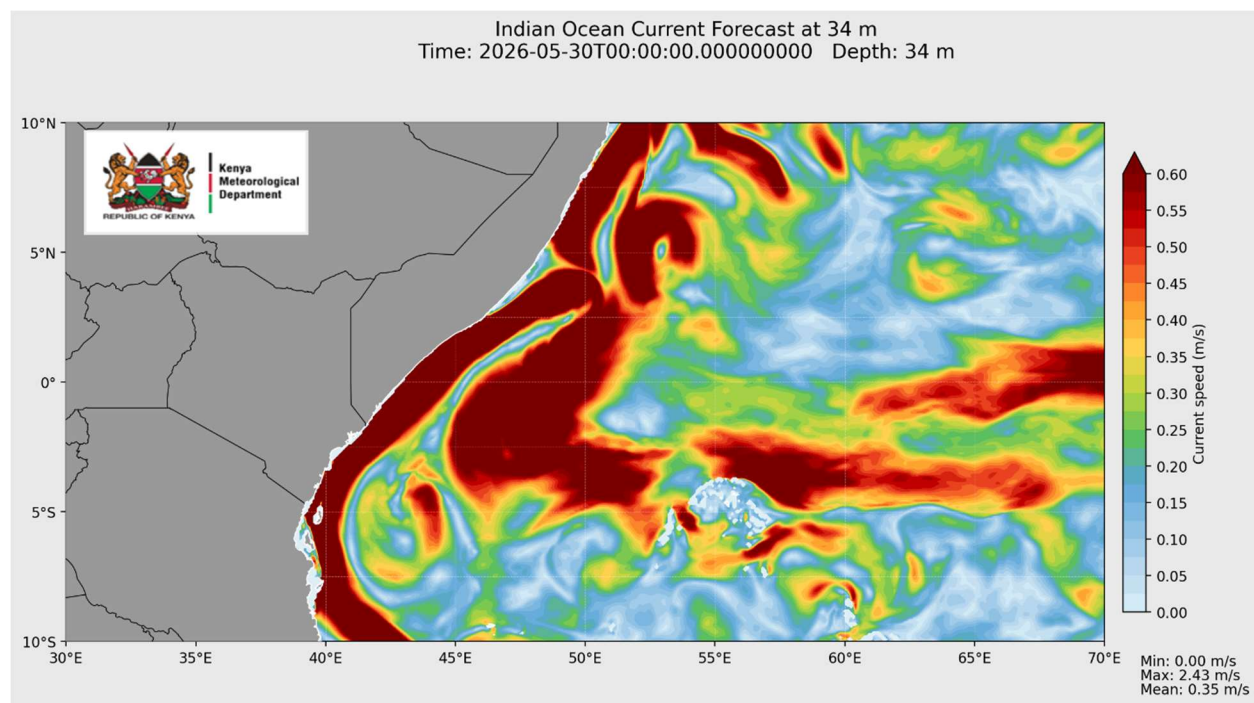


## 3.0 TIDE FORECAST VALID FROM 24<sup>TH</sup> MAY, 2026 TO 30<sup>TH</sup> MAY, 2026.

| Date                           | Description          | High Tide |        | Low Tide |        |
|--------------------------------|----------------------|-----------|--------|----------|--------|
|                                |                      | Time      | Height | Time     | Height |
| Sun 24 <sup>th</sup> May, 2026 | 1 <sup>st</sup> Tide | 10:51 AM  | 2.58 m | 04:15 AM | 1.03 m |
|                                | 2 <sup>nd</sup> Tide | 11:11 PM  | 2.51 m | 05:01 PM | 1.30 m |
| Mon 25 <sup>th</sup> May, 2026 | 1 <sup>st</sup> Tide | 12:10 PM  | 2.70 m | 05:31 AM | 1.07 m |
|                                | 2 <sup>nd</sup> Tide |           |        | 06:30 PM | 1.20 m |
| Tue 26 <sup>th</sup> May, 2026 | 1 <sup>st</sup> Tide | 12:32 AM  | 2.48 m | 06:36 AM | 1.04 m |
|                                | 2 <sup>nd</sup> Tide | 01:11 PM  | 2.88 m | 07:35 PM | 1.04 m |
| Wed 27 <sup>th</sup> May, 2026 | 1 <sup>st</sup> Tide | 01:20 AM  | 2.84 m | 07:29 AM | 1.03 m |
|                                | 2 <sup>nd</sup> Tide | 01:47 PM  | 3.38 m | 08:18 PM | 0.95 m |

|                                      |                            |          |        |          |        |
|--------------------------------------|----------------------------|----------|--------|----------|--------|
| <b>Thu 28<sup>th</sup> May, 2026</b> | <b>1<sup>st</sup> Tide</b> | 02:25 AM | 2.61 m | 08:10 AM | 0.89 m |
|                                      | <b>2<sup>nd</sup> Tide</b> | 02:39 PM | 3.20 m | 09:02 PM | 0.72 m |
| <b>Fri 29<sup>th</sup> May, 2026</b> | <b>1<sup>st</sup> Tide</b> | 02:50 AM | 2.99 m | 08:48 AM | 0.84 m |
|                                      | <b>2<sup>nd</sup> Tide</b> | 03:03 PM | 3.63 m | 09:31 PM | 0.67 m |
| <b>Sat 30<sup>th</sup> May, 2026</b> | <b>1<sup>st</sup> Tide</b> | 03:26 AM | 3.05 m | 09:22 AM | 0.77 m |
|                                      | <b>2<sup>nd</sup> Tide</b> | 03:35 PM | 3.70 m | 10:03 PM | 0.59 m |

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 24/05/2026 TO 30/05/2026



## 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!!!!<br>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!!!! |

***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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