



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

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**REF.NO: KMD/FCST/06-2026/MARINE/23**

**Date: Issued on 7<sup>th</sup> June, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 08/06/2026 - 14/06/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

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 04 to 22 knots (02-11 m/s) throughout the forecast period.

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

Easterly to South-South-westerly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.25–2.5m ( $\approx$  0.75–7.5ft) throughout the forecast period.

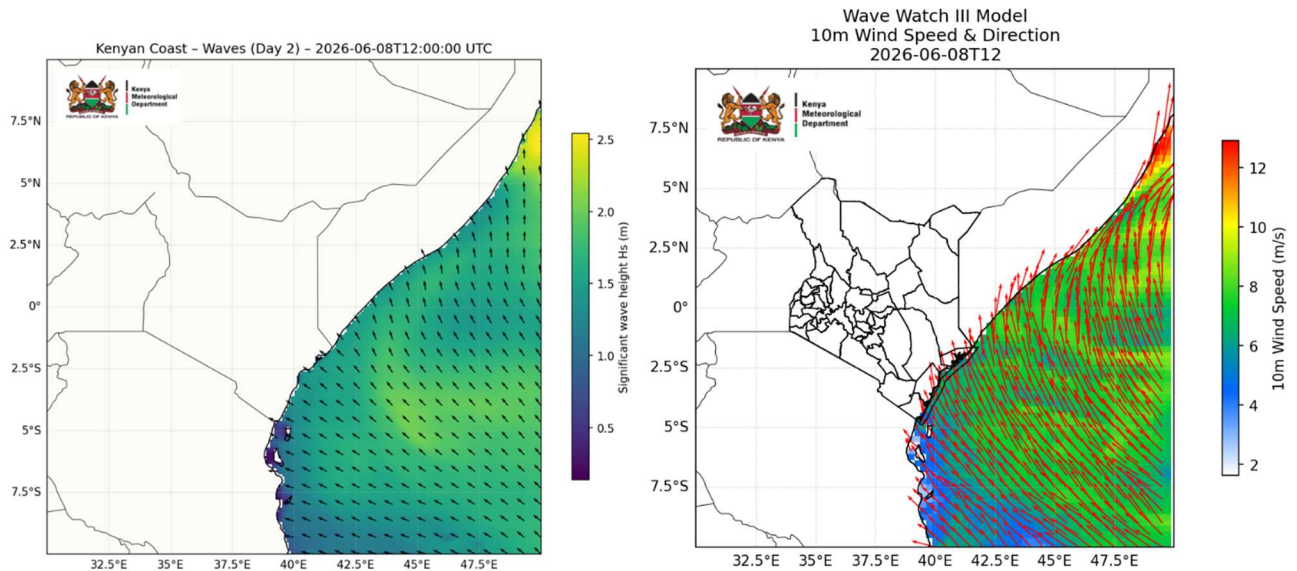
**1.3 Sea condition**

- 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 02-11m/s (04 to 22 Knots) expected Kenya, and Tanzania waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.25–2.5m ( $\approx$  0.75–7.5ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 8<sup>TH</sup> JUNE, 2026 TO 14<sup>TH</sup> JUNE, 2026.

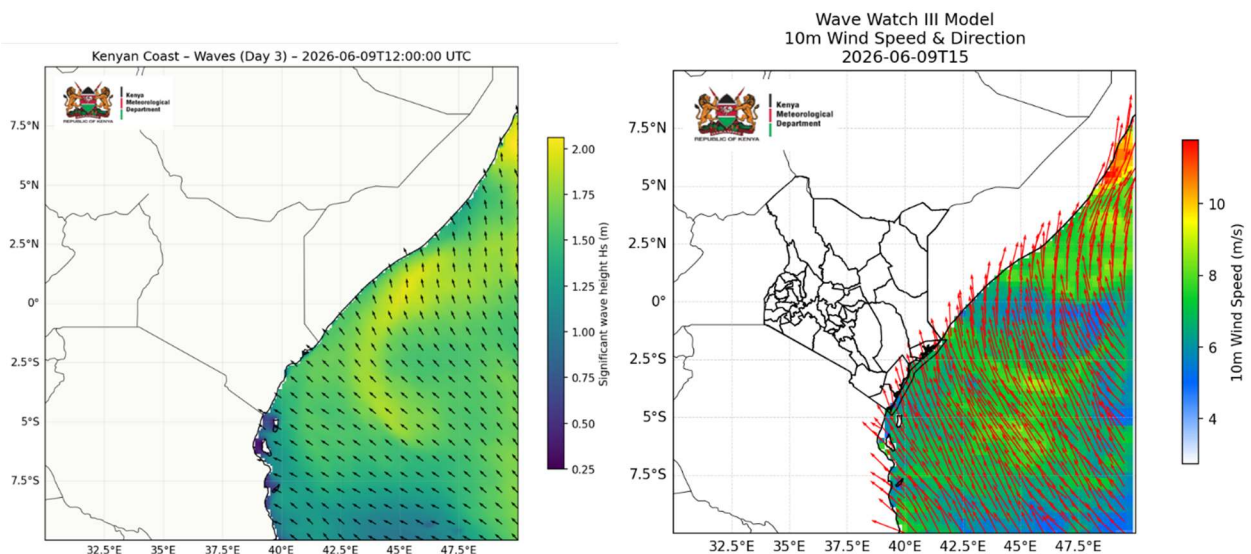
### 2.1 Monday 8<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.5m ( $\approx$  1.2– 7.5ft)      10m Winds: 04-24knots ( $\approx$  02 – 12m/s)



### 2.2 Tuesday 9<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

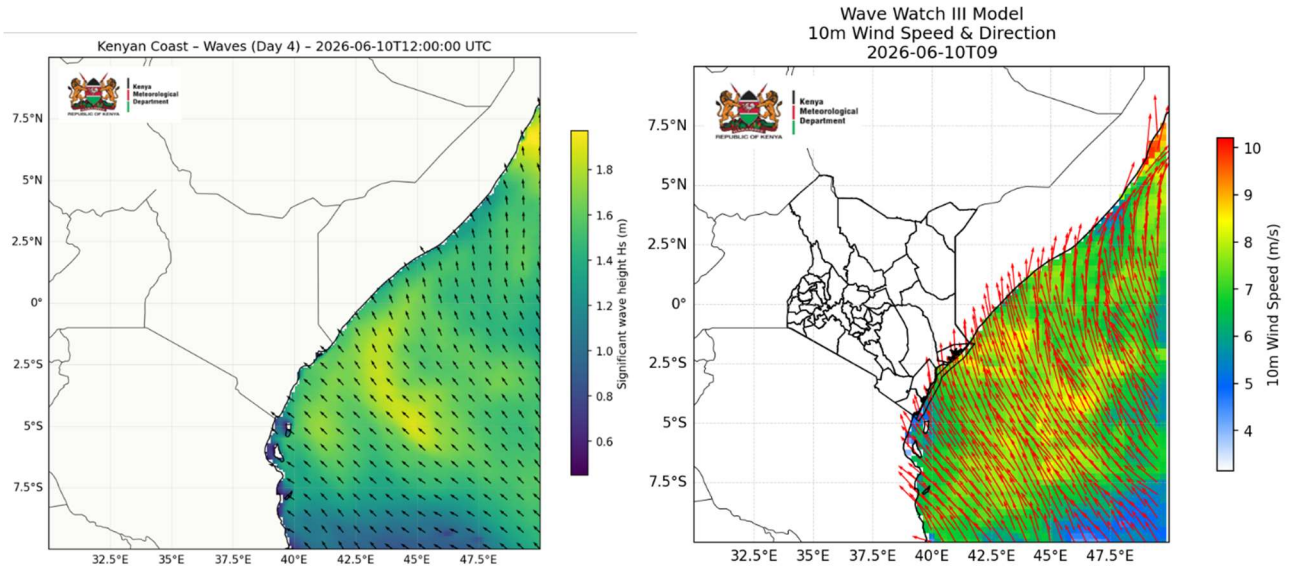
Wave height: 0.25 m to 2.0m ( $\approx$  0.75– 6.0ft)      10m Winds: 07-20 knots ( $\approx$  3.5 – 10m/s)



**2.3 Wednesday 10<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 1.8m ( $\approx$  1.2- 5.4ft)

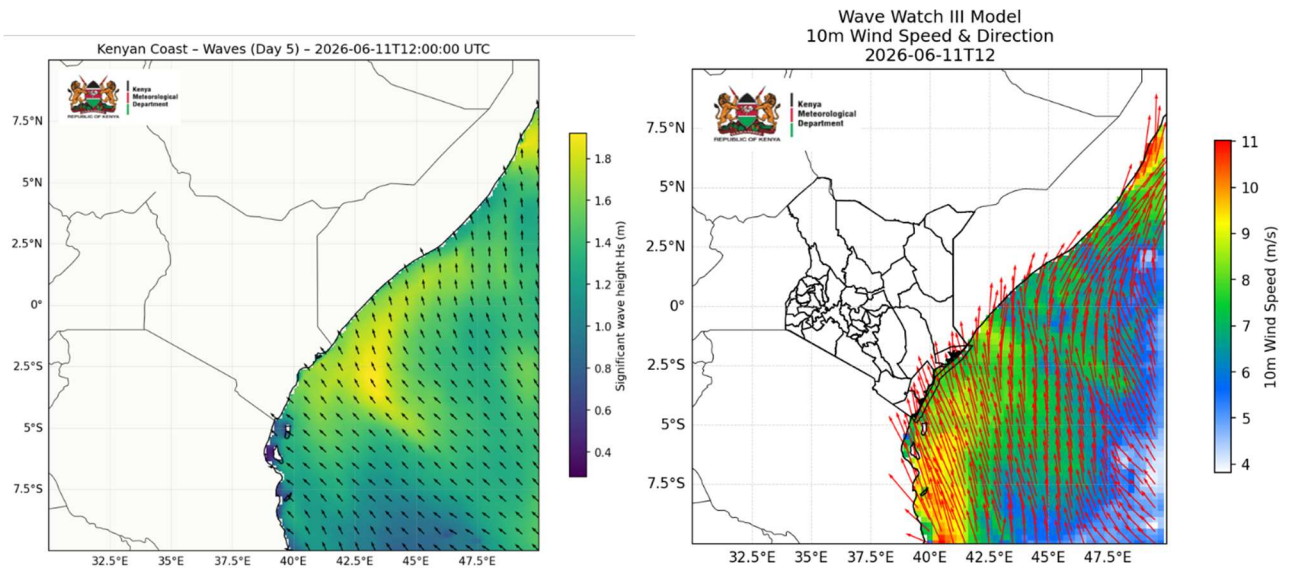
10m Winds: 08-20 knots ( $\approx$  04– 10 m/s)



**2.4 Thursday 11<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

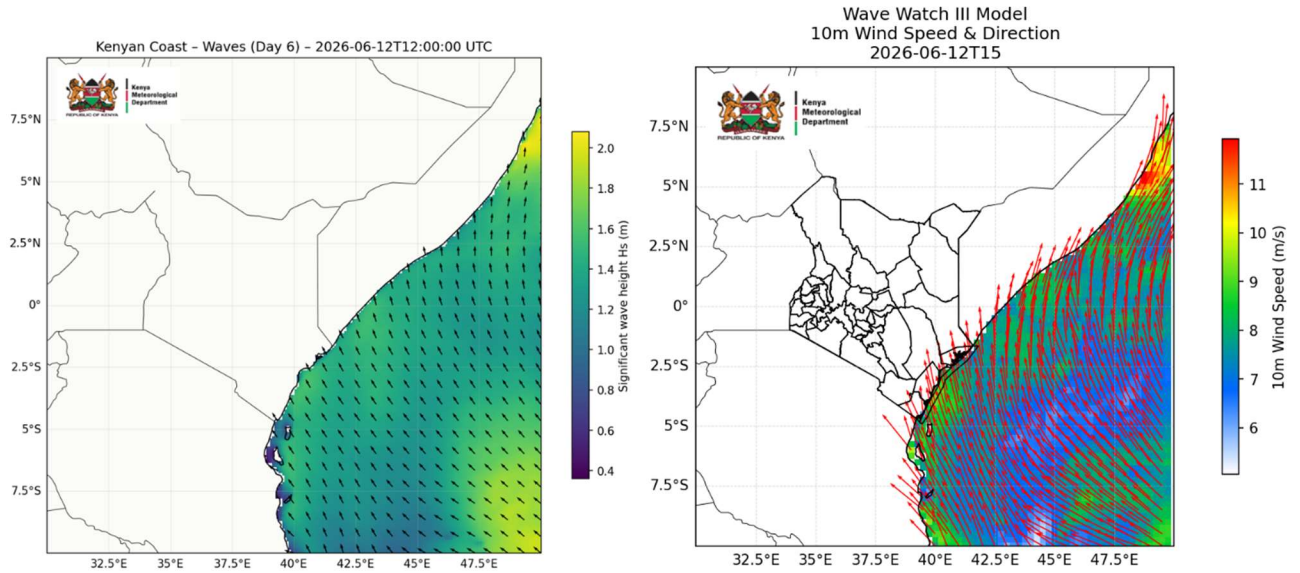
Wave height: 0.4 m to 1.8m ( $\approx$  1.2– 5.4ft)

10m Winds: 08-22 knots ( $\approx$  4– 11 m/s)



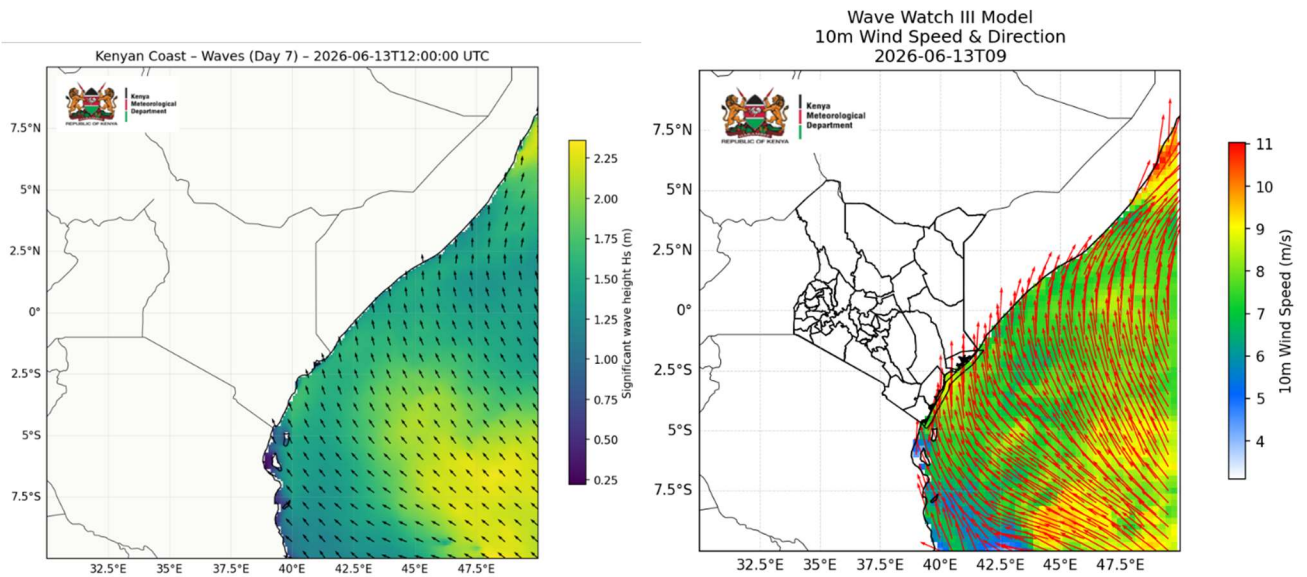
## 2.5 Friday 12<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.0m ( $\approx$  1.2– 6.0ft)      10m Winds: 10 -22 knots ( $\approx$  5– 11m/s)



## 2.6 Saturday 13<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

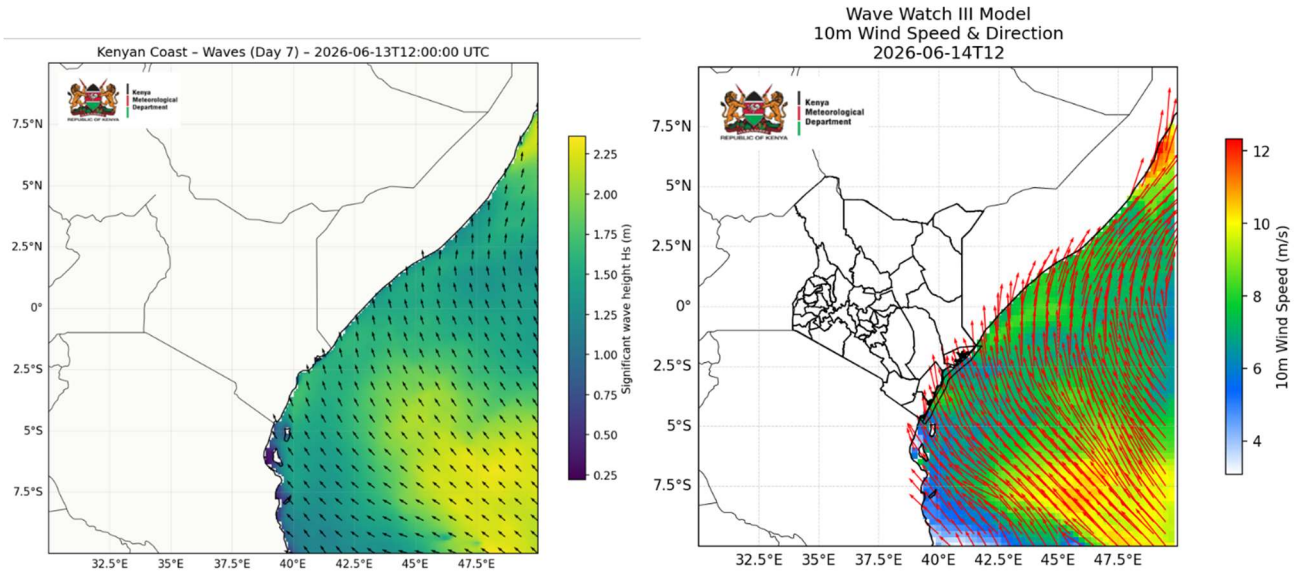
Wave height: 0.25 m to 2.0m ( $\approx$  0.75– 6.0ft)      10m Winds: 08-22 knots ( $\approx$  04 – 11m/s)



**2.7 Sunday 14<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25 m to 2.25m (≈ 0.675– 6.75 ft)

10m Winds: 06-24 knots (≈ 3– 12m/s)

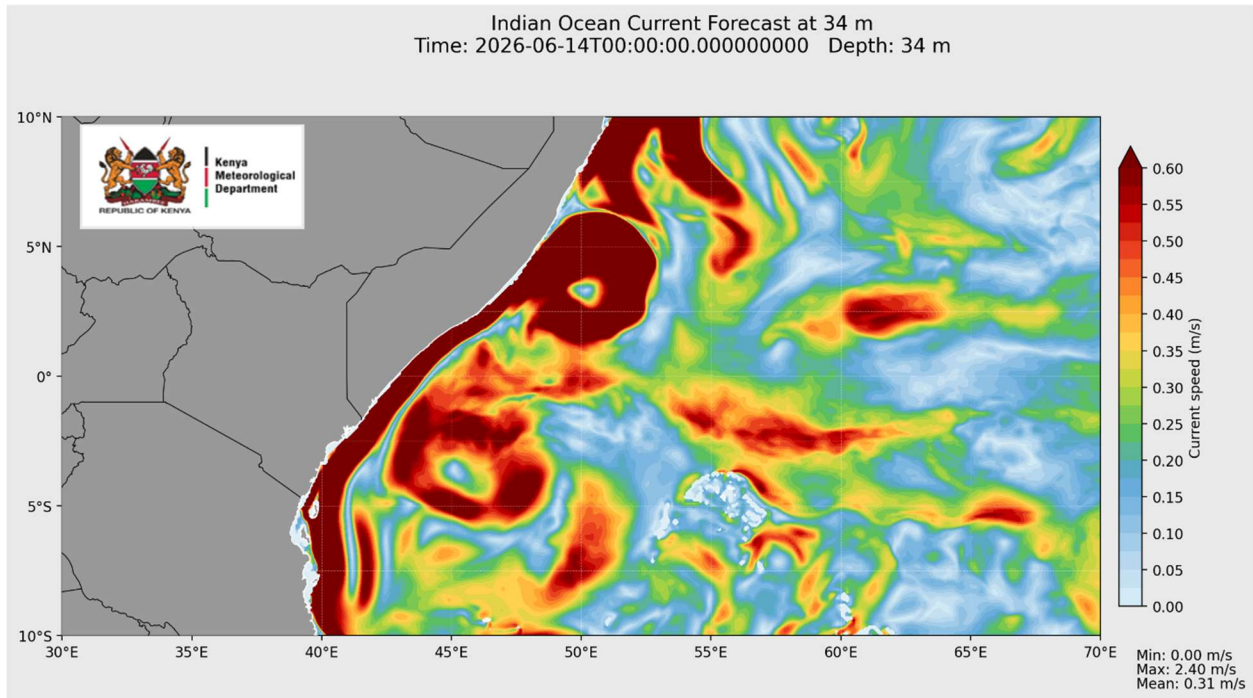


**3.0 TIDE FORECAST VALID FROM 8<sup>TH</sup> JUNE, 2026 TO 14<sup>TH</sup> JUNE, 2026.**

| Date                             | Description          | High Tide |        | Low Tide |        |
|----------------------------------|----------------------|-----------|--------|----------|--------|
|                                  |                      | Time      | Height | Time     | Height |
| Mon 8 <sup>th</sup> June, 2026   | 1 <sup>st</sup> Tide | 09:36 AM  | 2.56 m | 03:06 AM | 0.98 m |
|                                  | 2 <sup>nd</sup> Tide | 09:43 PM  | 2.53 m | 03:35 PM | 1.30 m |
| Tue 9 <sup>th</sup> June, 2026   | 1 <sup>st</sup> Tide | 10:40 AM  | 2.96 m | 03:48 AM | 1.17 m |
|                                  | 2 <sup>nd</sup> Tide | 10:56 PM  | 2.79 m | 04:38 PM | 1.43 m |
| Wed 10 <sup>th</sup> June, 2026  | 1 <sup>st</sup> Tide | 11:50 AM  | 2.81 m | 05:10 AM | 1.05 m |
|                                  | 2 <sup>nd</sup> Tide |           |        | 06:19 PM | 1.11 m |
| Thur 11 <sup>th</sup> June, 2026 | 1 <sup>st</sup> Tide | 12:17 AM  | 2.44 m | 06:14 AM | 0.99 m |
|                                  | 2 <sup>nd</sup> Tide | 12:53 PM  | 3.04 M | 07:25 PM | 0.88 m |

|                                       |                            |         |        |          |        |
|---------------------------------------|----------------------------|---------|--------|----------|--------|
| <b>Fri 12<sup>th</sup> June, 2026</b> | <b>1<sup>st</sup> Tide</b> | 1:26 AM | 2.53 m | 07:13 AM | 0.87 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 1:49 PM | 3.29 M | 08:21 PM | 0.64 m |
| <b>Sat 13<sup>th</sup> June, 2026</b> | <b>1<sup>st</sup> Tide</b> | 2:24 AM | 2.66 m | 08:07 AM | 0.72 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 2:41 PM | 3.53 M | 09:12 PM | 0.43 m |
| <b>Sun 14<sup>th</sup> June, 2026</b> | <b>1<sup>st</sup> Tide</b> | 3:17 AM | 2.80 m | 08:58 AM | 0.58 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 3:20 PM | 3.72 M | 09:59 PM | 0.27 m |

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S)  
FORECAST VALID 07/06/2026 TO 14/06/2026**



## 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                              |
| 1.0 – 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!!!!<br>Warning in place and marine activities on hold |
| 4.1 – 5.5 m (≈ 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 – ≥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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