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**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**
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**REF.NO: KMD/FCST/09-2026/MARINE/39 Date: Issued on 24th September, 2026**

# 7-Day Marine Forecast for the Kenya Coast and Off Shore Areas Along the Western Indian Ocean Region
**Validity: 25/09/2026 - 01/10/2026**

## 1.0 GENERAL OUTLOOK

### 1.1 Wind Speed & Direction:

South-Easterly to South-South-Westerly winds are expected over Somalia waters with wind speeds of 06 to 26 knots (04-13m/s) throughout the forecast period.

East-North-Easterly to Southerly winds are expected over Kenya and Tanzania waters with wind speeds of 04 to 18 knots (02-09m/s) throughout the forecast period.

### 1.2 Sig. Wave Height and Direction:

Easterly to South-South-Westerly waves are expected over Kenya, and Tanzania waters with wave heights of 0.3-2.3m (≈ 0.9–6.9ft) throughout the forecast period.

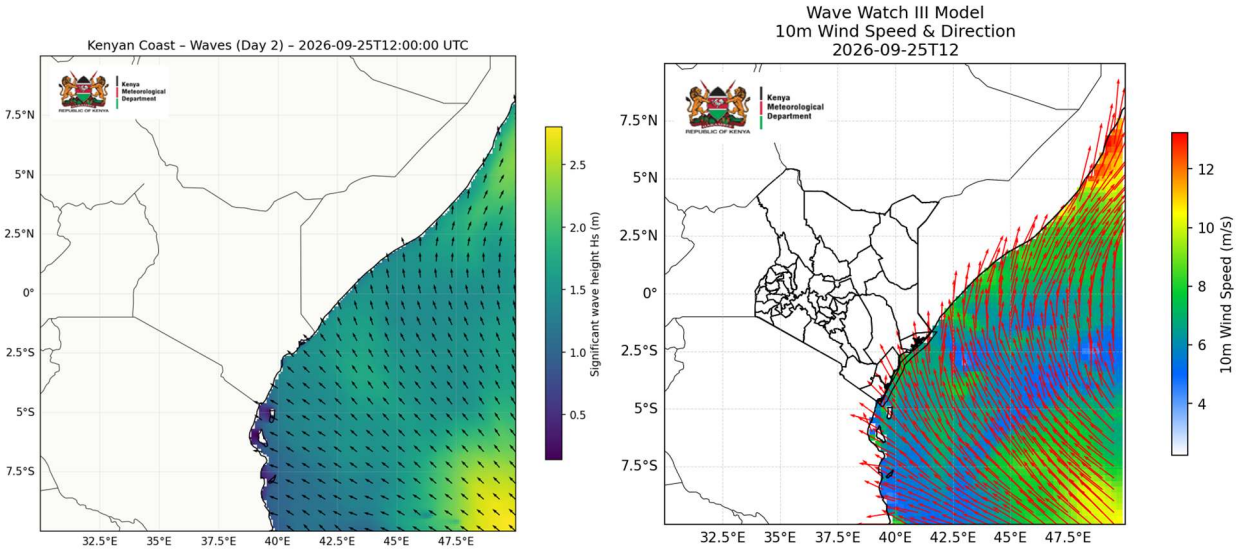
### 1.3 Sea condition

- Light to fresh breeze with wind speeds of 02–09m/s (04 to 18 Knots) expected over Kenya and Tanzania waters throughout the forecast period.
- Light breeze to strong breeze with wind speeds of 03–13m/s (06 to 26 Knots) expected over Somalia waters throughout the forecast period
- Slight to Rough Sea condition with wave heights of 0.3-2.3m (≈ 0.9–6.9 ft) expected over Kenya, Tanzania and Somalia waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEGHTS FORECAST FOR THE PERIOD 25TH SEPTEMBER, 2026 TO 1ST OCTOBER, 2026.

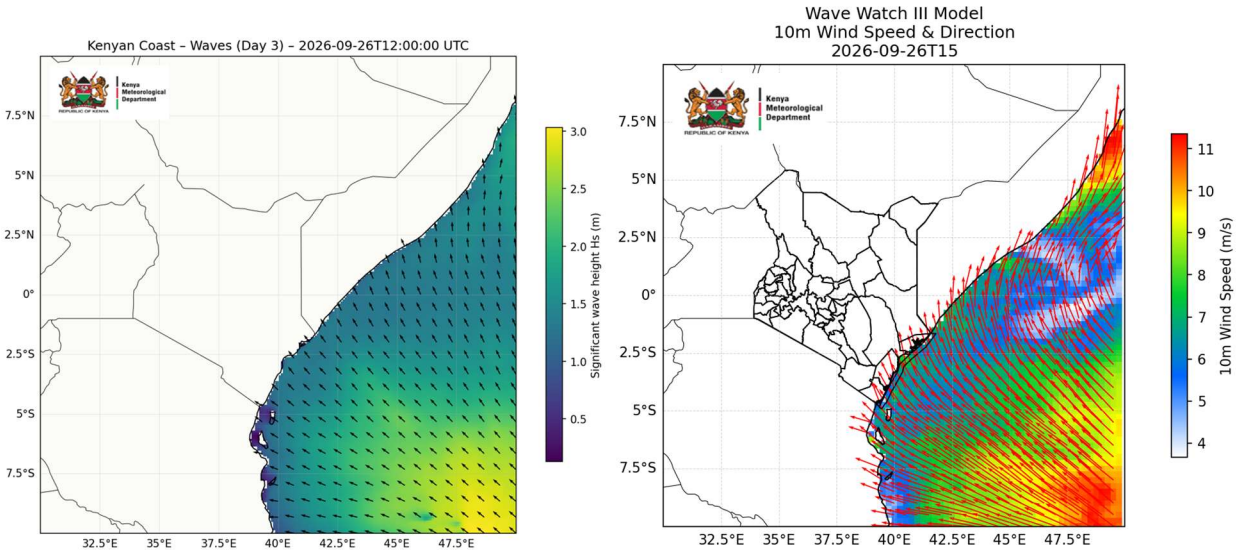
### 2.1 Friday 25th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.2m (≈ 1.5–6.6ft)  10m Winds: 6-26 knots (≈ 3– 13m/s)



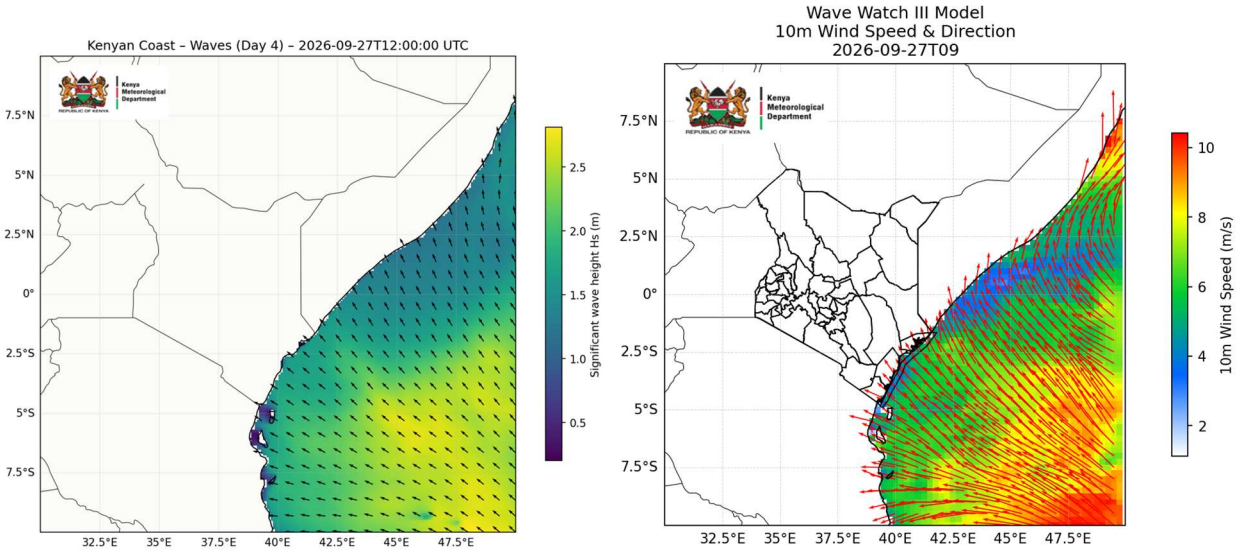

### 2.2 Saturday 26th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.4 m to 2.0 m (≈ 1.2– 6.0ft)  10m Winds: 8-22 knots (≈ 4 –11m/s)



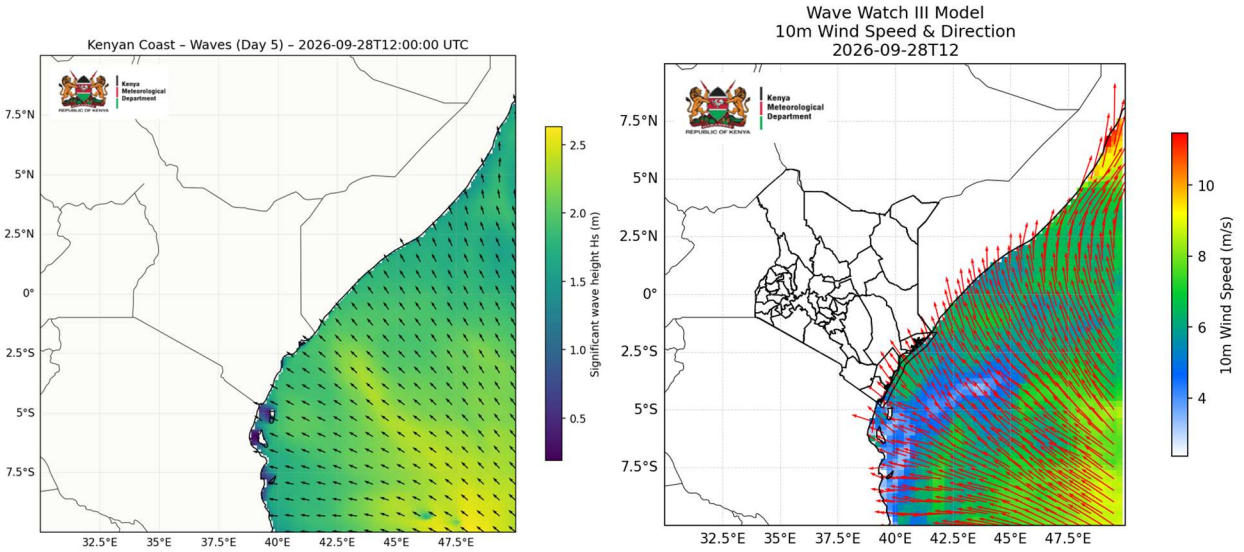
**2.3 Sunday 27th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 2.3m (≈ 1.2– 6.9ft) 10m Winds: 5-20 knots (≈ 2– 10m/s)



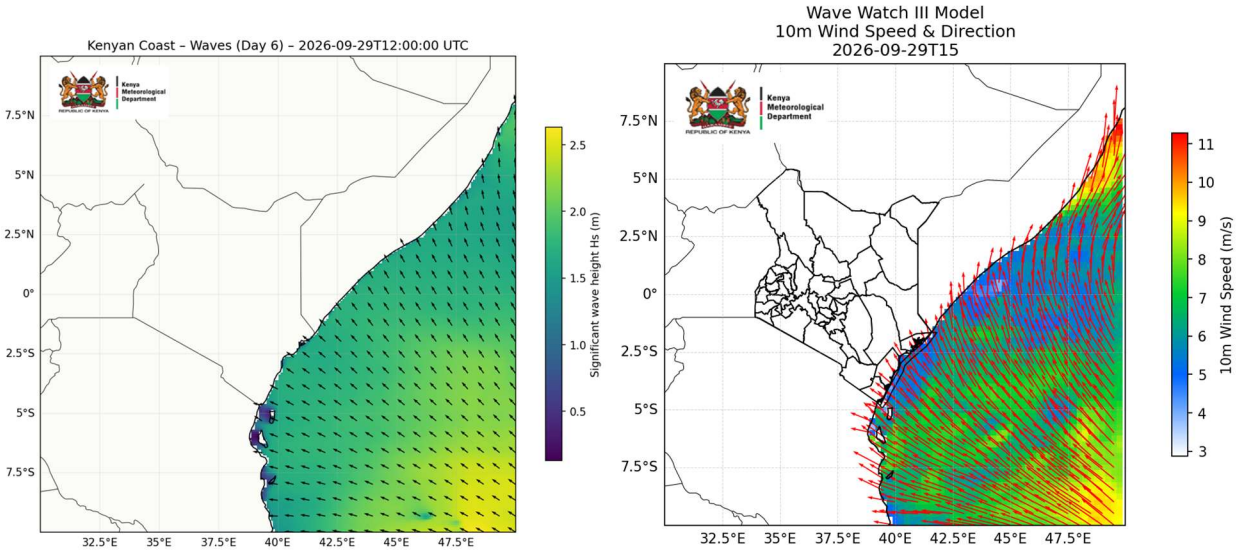

**2.4 Monday 28th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4m to 2.3m (≈1.2 - 6.9ft) 10m Winds: 6-22 knots (≈ 3– 11 m/s)



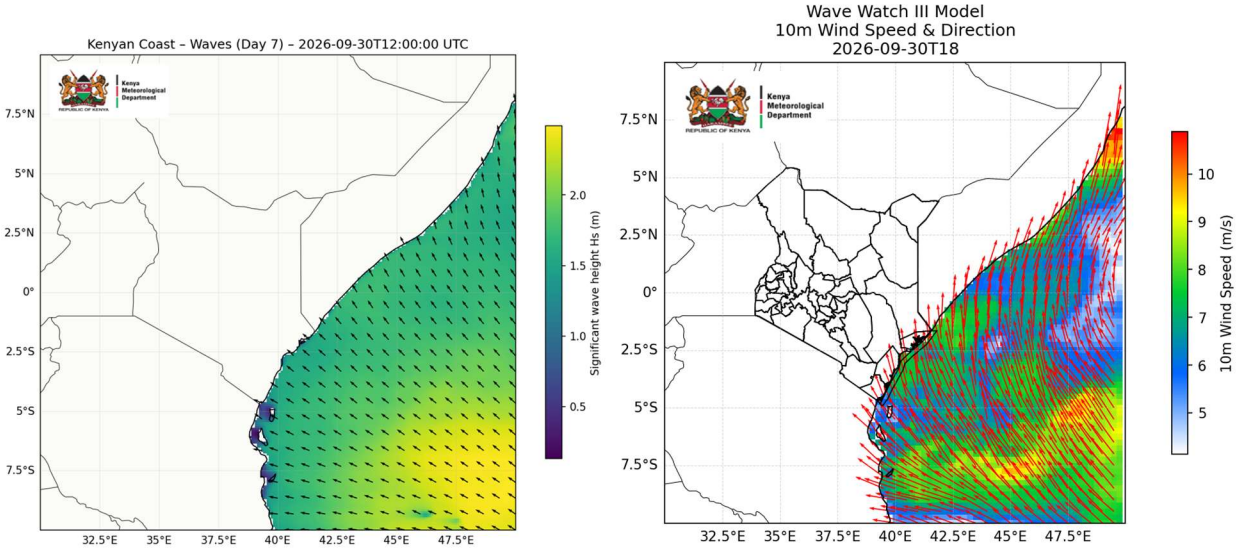
**2.5 Tuesday 29th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 2.2m (≈ 1.2– 6.6ft) 10m Winds: 6-22 knots (≈ 3– 11 m/s)



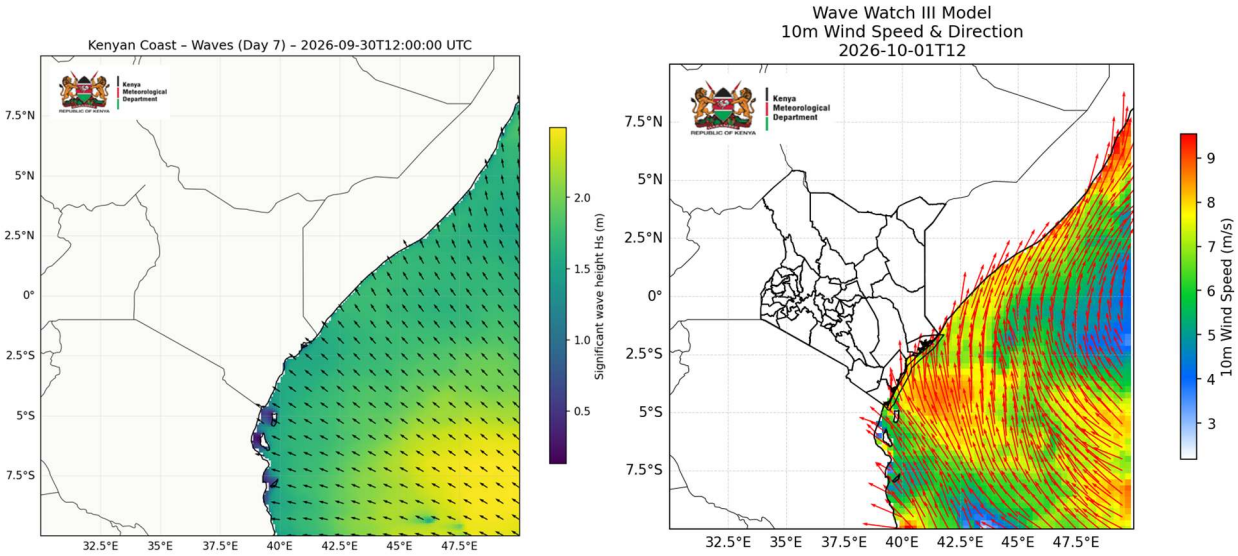

**2.6 Wednesday 30th September, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 2.0m (≈ 1.2– 6.0ft) 10m Winds:8-20 knots (≈ 4– 10m/s)



**2.7 Thursday 1st October, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.3 m to 2.0 m (≈ 0.9–6.0ft)  10m Winds: 6-18 knots (≈ 3 – 9m/s)

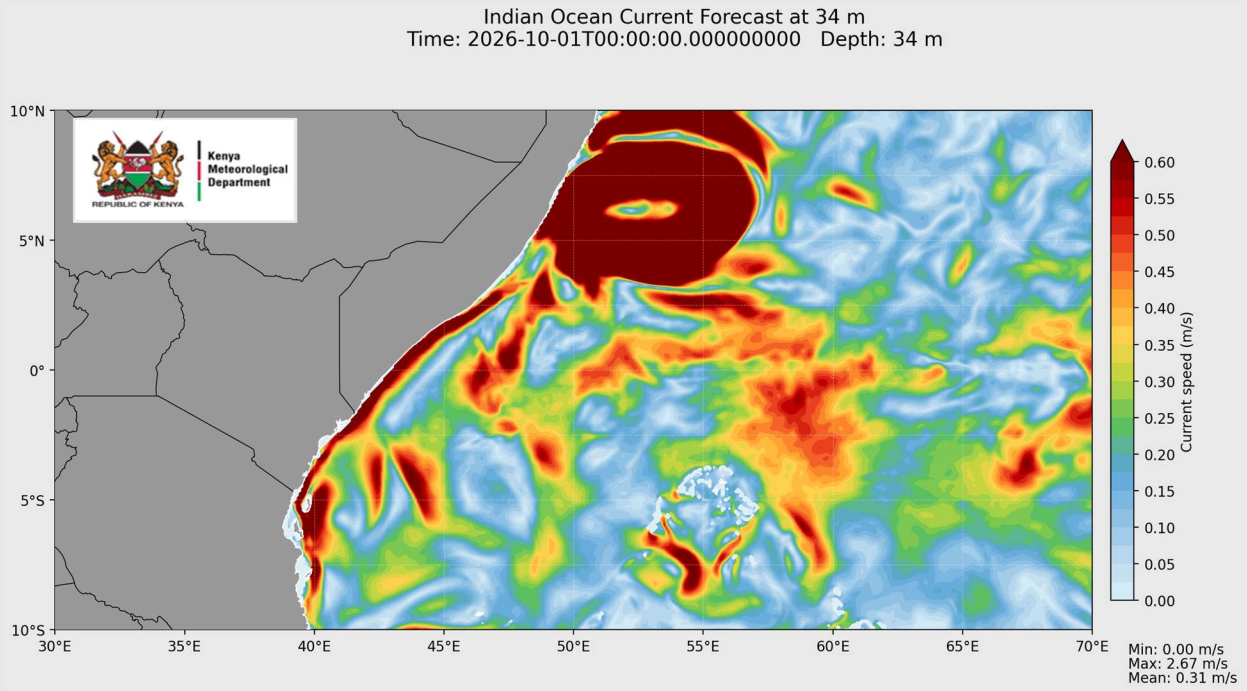



**3.0 TIDE FORECAST VALID FROM 25TH SEPTEMBER, 2026 TO 1ST OCTOBER, 2026.**

| Date | Description | High Tide | | Low Tide | |
|---|---|---|---|---|---|
| | | Time | Height | Time | Height |
| **Fri 25th September, 2026** | **1st Tide** | 03:32 AM | 3.08 m | 9:34 AM | 0.52 m |
| | **2nd Tide** | 03:41 PM | 3.23 m | 9:47 PM | 0.35 m |
| **Sat 26th September, 2026** | **1st Tide** | 03:58 AM | 3.35 m | 10:03 AM | 0.29 m |
| | **2nd Tide** | 04:11 PM | 3.37 m | 10:13 PM | 0.21 m |
| **Sun 27th September, 2026** | **1st Tide** | 04:26 AM | 3.57 m | 10:33 AM | 0.12 m |
| | **2nd Tide** | 04:42 PM | 3.42 m | 10:40 PM | 0.13 m |
| **Mon 28th September, 2026** | **1st Tide** | 04:55 AM | 3.72 m | 11:05 AM | 0.03 m |
| | **2nd Tide** | 05:13 PM | 3.40 m | 11:07 PM | 0.11 m |

| | | | | | |
|---|---|---|---|---|---|
| **Tue 29th September, 2026** | **1st Tide** | 02:39 AM | 2.47 m | 08:29 AM | 1.10 m |
| | **2nd Tide** | 02:39 PM | 2.81 m | 08:57 PM | 0.76 m |
| **Wed 30th September, 2026** | **1st Tide** | 05:59 AM | 3.47 m | | |
| | **2nd Tide** | 06:19 PM | 3.09 m | 12:13 PM | 0.16 m |
| **Thur 1st October, 2026** | **1st Tide** | 06:35 AM | 3.58 m | 00:08 AM | 0.32 m |
| | **2nd Tide** | 06:56 PM | 2.83 m | 12:51 PM | 0.39 m |

## 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 25//09/2026 TO 01/10/2026



**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!!!!** |
| 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 – 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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For DIRECTOR,
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