



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

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**REF.NO: KMD/FCST/06-2026/MARINE/28**

**Date: Issued on 06<sup>th</sup> July, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 07/07/2026 - 13/07/2026**

**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 12 to 28 knots (06-14 m/s) throughout the forecast period.

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

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

East-South-Easterly to South-South-Easterly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.2-2.5m ( $\approx$  0.6–7.5 ft) throughout the forecast period.

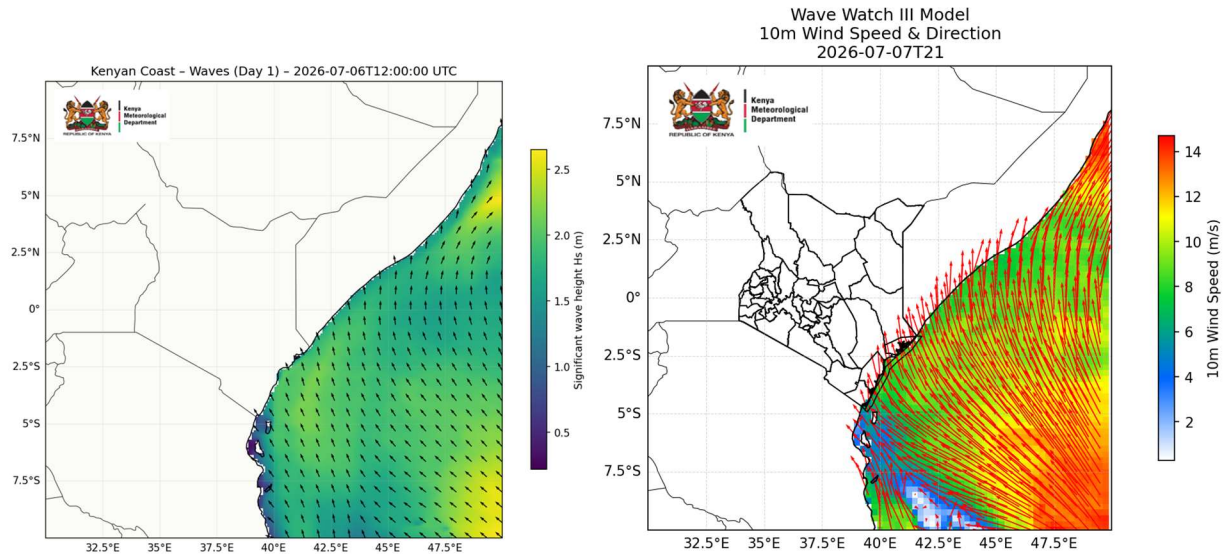
**1.3 Sea condition**

- Gentle breeze to strong breeze with wind speeds of 06–14m/s (12 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 Kenya, and Tanzania waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.2–2.5m ( $\approx$  0.6–7.5 ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 7<sup>TH</sup> JULY, 2026 TO 13<sup>TH</sup> JULY, 2026.

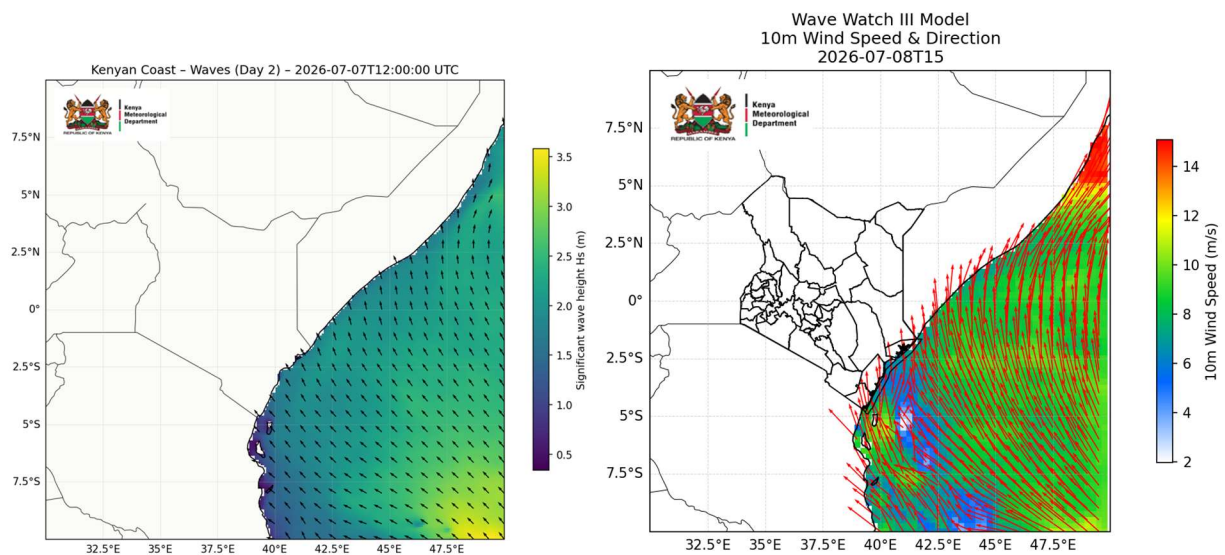
### 2.1 Tuesday 07<sup>th</sup> July, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.0m ( $\approx$  1.5- 6.0ft)      10m Winds: 04-28 knots ( $\approx$  02– 14 m/s)



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

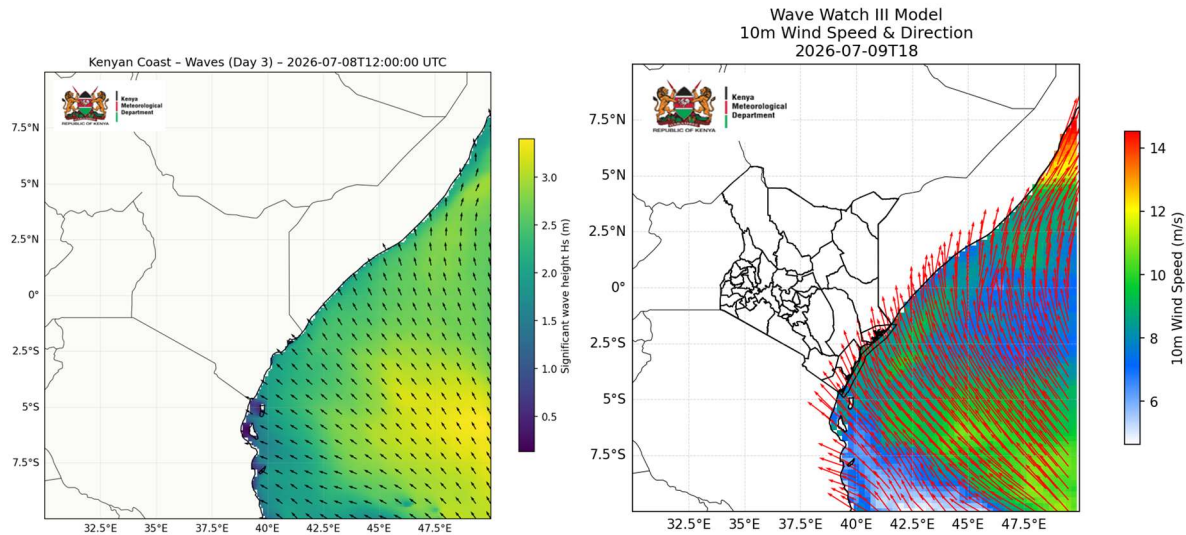
Wave height: 0.5 m to 2.5m ( $\approx$  1.5– 7.5ft)      10m Winds: 12-28 knots ( $\approx$  06– 14 m/s)



## 2.3 Thursday 9<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)

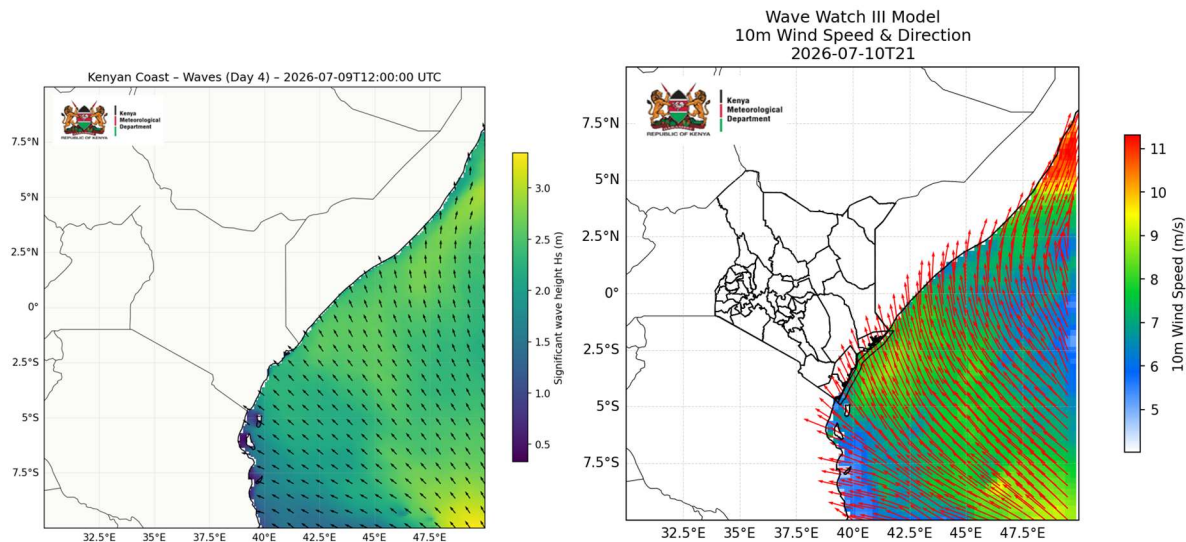
10m Winds: 12 -28 knots ( $\approx$  06– 14m/s)



## 2.4 Friday 10<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)

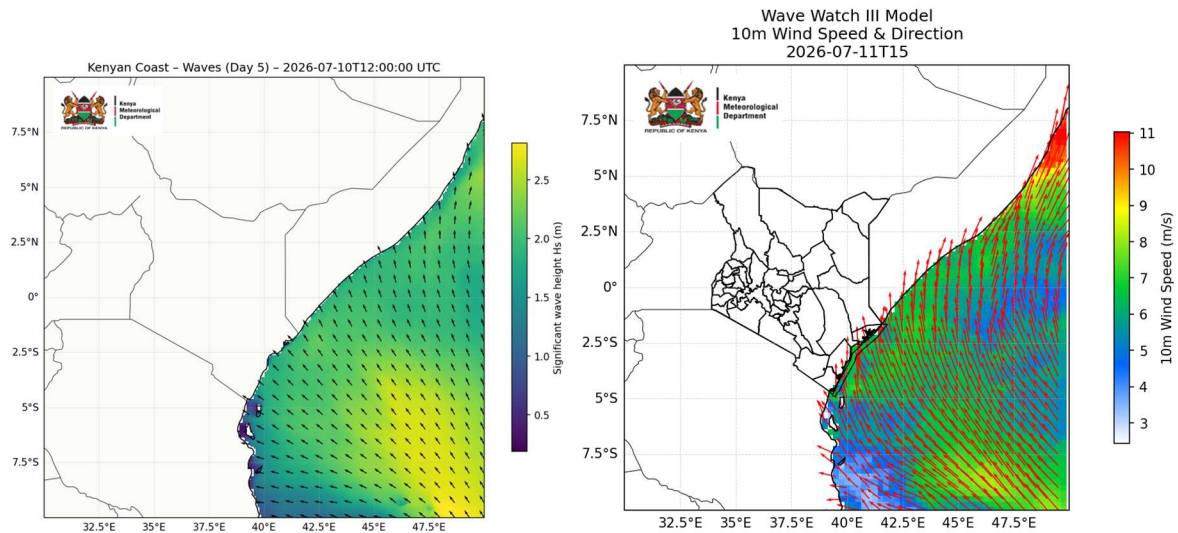
10m Winds: 08-30 knots ( $\approx$  04 – 15m/s)



## 2.5 Saturday 11<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 2.0m ( $\approx$  1.5– 6.0 ft)

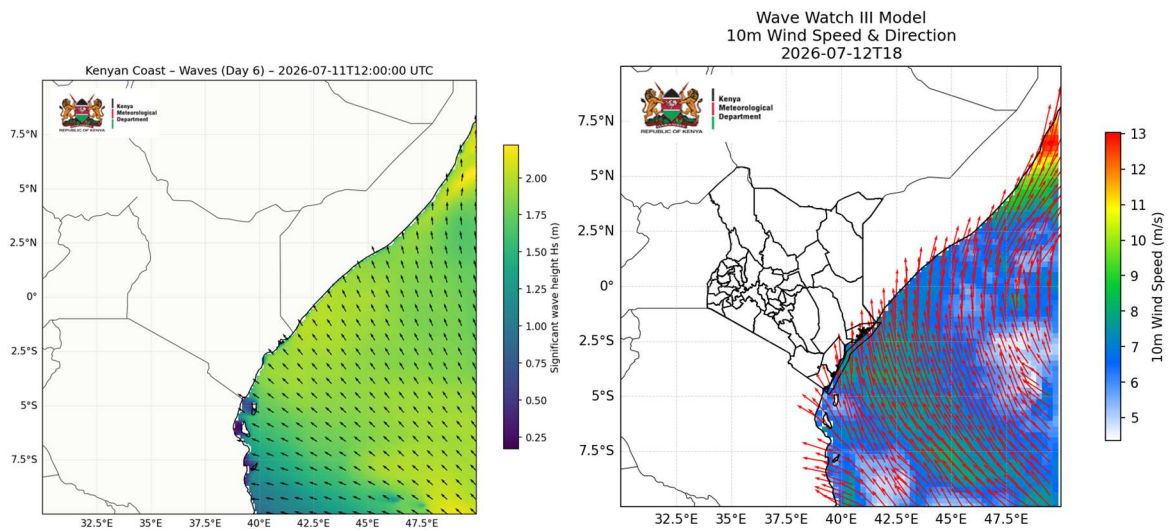
10m Winds: 06-22 knots ( $\approx$  03– 11m/s)



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

Wave height: 0.2 m to 2.2m ( $\approx$  0.6– 6.6ft)

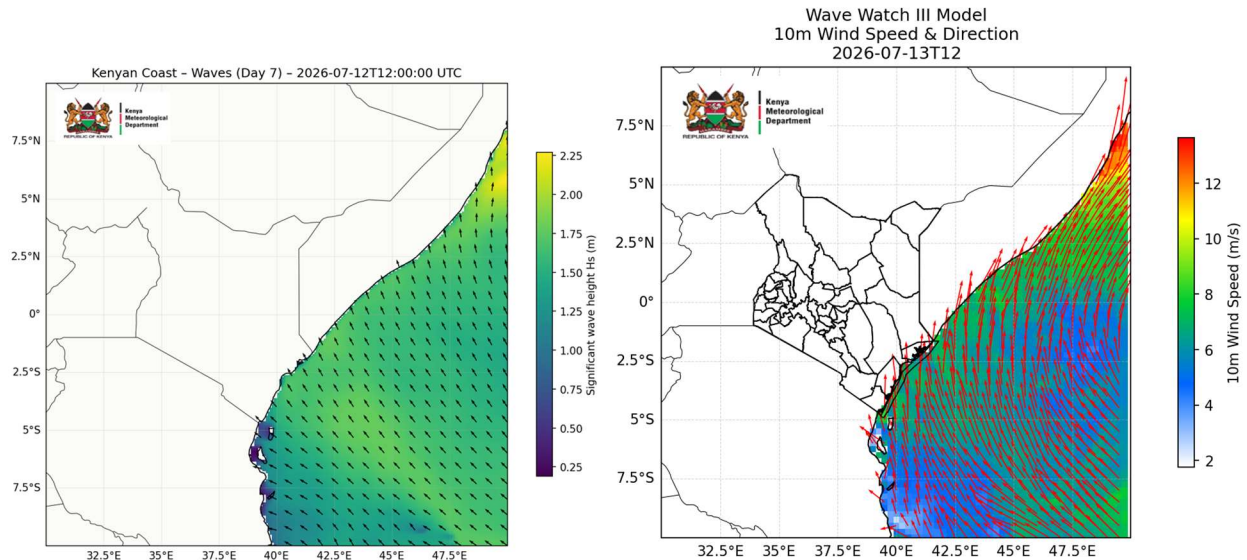
10m Winds: 10-26knots ( $\approx$  5 –13m/s)



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

Wave height: 0.2 m to 2.2m ( $\approx$  0.6– 6.6ft)

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

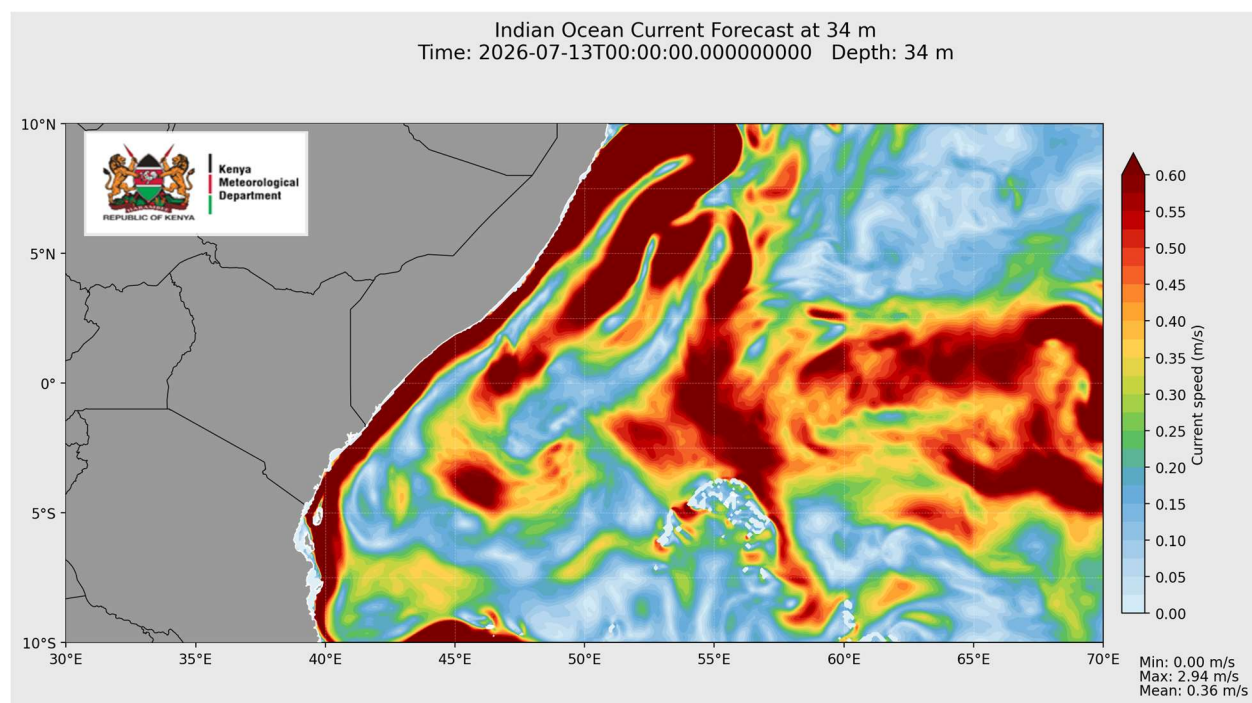


## 3.0 TIDE FORECAST VALID FROM 7<sup>TH</sup> JULY, 2026 TO 13<sup>TH</sup> JULY, 2026.

| Date                            | Description          | High Tide |        | Low Tide |        |
|---------------------------------|----------------------|-----------|--------|----------|--------|
|                                 |                      | Time      | Height | Time     | Height |
| Tue 7 <sup>th</sup> July, 2026  | 1 <sup>st</sup> Tide | 8:52 AM   | 2.88 m | 2:22 AM  | 0.73 m |
|                                 | 2 <sup>nd</sup> Tide | 9:00 PM   | 2.62 m | 2:56 PM  | 1.04 m |
| Wed 8 <sup>th</sup> July, 2026  | 1 <sup>st</sup> Tide | 9:46 AM   | 2.87 m | 3:07 AM  | 0.85 m |
|                                 | 2 <sup>nd</sup> Tide | 10:02 PM  | 2.42 m | 4:04 PM  | 1.11 m |
| Thur 9 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide | 10:52 AM  | 2.89 m | 4:03 AM  | 0.97 m |
|                                 | 2 <sup>nd</sup> Tide | 11:22 PM  | 2.28 m | 5:26 PM  | 1.12 m |
| Fri 10 <sup>th</sup> July, 2026 | 1 <sup>st</sup> Tide |           |        | 5:14 AM  | 1.04 m |
|                                 | 2 <sup>nd</sup> Tide | 12:08PM   | 2.97m  | 6:52 PM  | 1.02 m |

|                                       |                            |          |        |         |        |
|---------------------------------------|----------------------------|----------|--------|---------|--------|
| <b>Sat 11<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 00:51 AM | 2.28 m | 6:32 AM | 1.02 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 1:23 PM  | 3.13 m | 8:06 PM | 0.82 m |
| <b>Sun 12<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 2:08 AM  | 2.41 m | 7:45AM  | 0.9 m  |
|                                       | <b>2<sup>nd</sup> Tide</b> | 2:28 PM  | 3.34 m | 9:05 PM | 0.59 m |
| <b>Mon 13<sup>th</sup> July, 2026</b> | <b>1<sup>st</sup> Tide</b> | 3:09 AM  | 2.62 m | 8:48 AM | 0.72 m |
|                                       | <b>2<sup>nd</sup> Tide</b> | 3:24 PM  | 3.55 m | 9:55 PM | 0.38 m |

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 07/07/2026 TO 13/07/2026



## KEY ON SEA STATE

| WAVE HEIGHT RANGE<br>(Meters)           | DESCRIPTION       | IMPACT                                                                 |
|-----------------------------------------|-------------------|------------------------------------------------------------------------|
| 0.6 – 1.0 m ( $\approx$ 1.8 – 3.0 ft)   | Slight            | 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.<br>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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For  
DIRECTOR,  
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