



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

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**REF.NO: KMD/FCST/04-2026/MARINE/14**

**Date: Issued on 5<sup>th</sup> April, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 06/04/2026 - 12/04/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

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Easterly **E** to South-Southwesterly **SSW** winds are expected over Somalia, Kenya and Tanzania waters with wind speeds of **2 to 20 knots (1-10 m/s)** throughout the forecast period.

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

East South East **ESE** to Southerly **S** waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of **0.2–2.25m (≈ 0.6–6.75ft)** throughout the forecast period.

**1.3 Sea conditions**

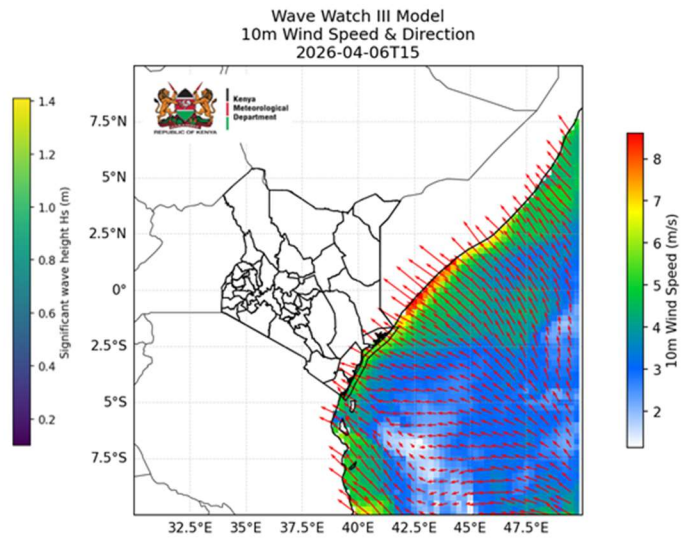
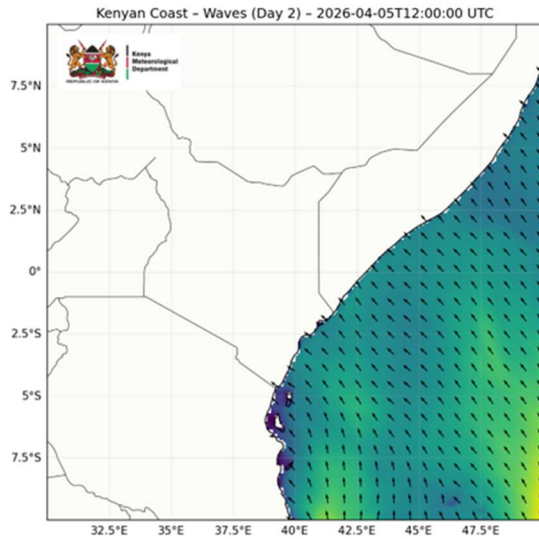
- **Slight to moderate sea condition with wave heights of 0.2-2.25m (0.6-6.75ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**
- **Light breeze to fresh breeze with wind speeds of 01–10m/s (02 to 20 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.**

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 6<sup>TH</sup> APRIL, 2026 TO 12<sup>TH</sup> APRIL, 2026.**

**2.1 Monday 6<sup>th</sup> April, 2026, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.4m ( $\approx$  0.6– 4.2ft)

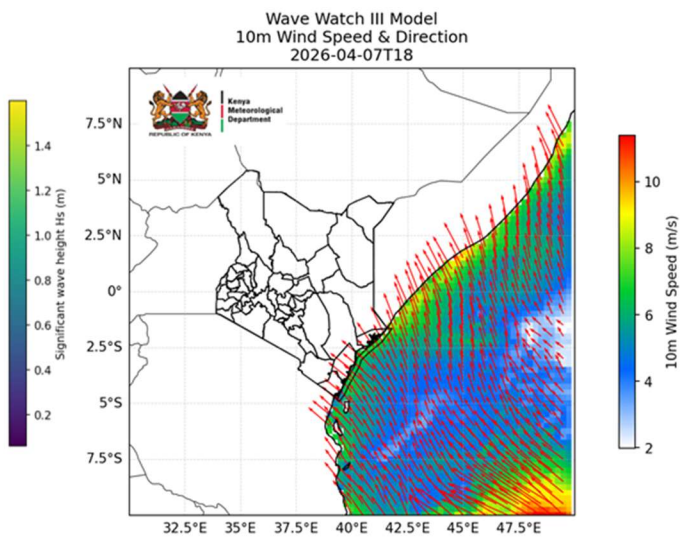
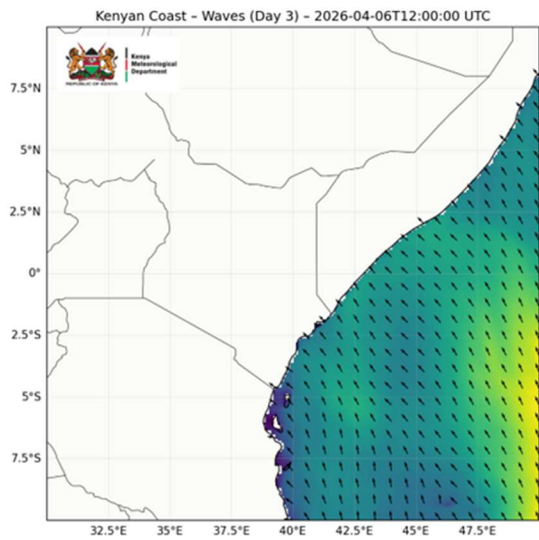
10m Winds: 04-16 knots ( $\approx$  2 – 8m/s)



**2.2 Tuesday 7<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

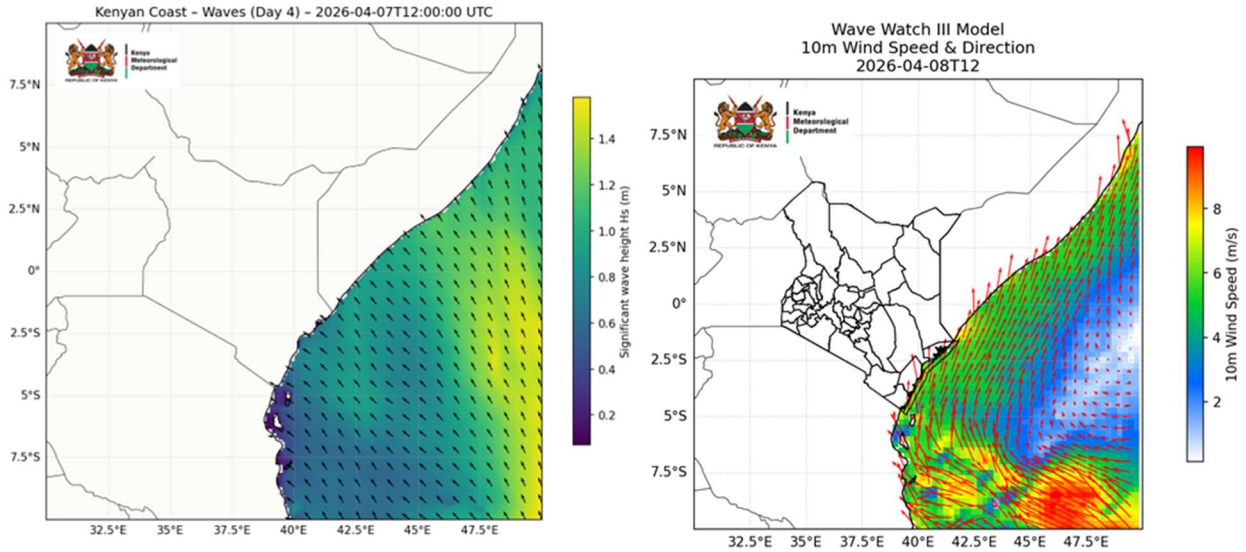
Wave height: 0.2 m to 1.4m ( $\approx$  0.6– 4.2ft)

10m Winds: 04 -20 knots ( $\approx$ 2– 10m/s)



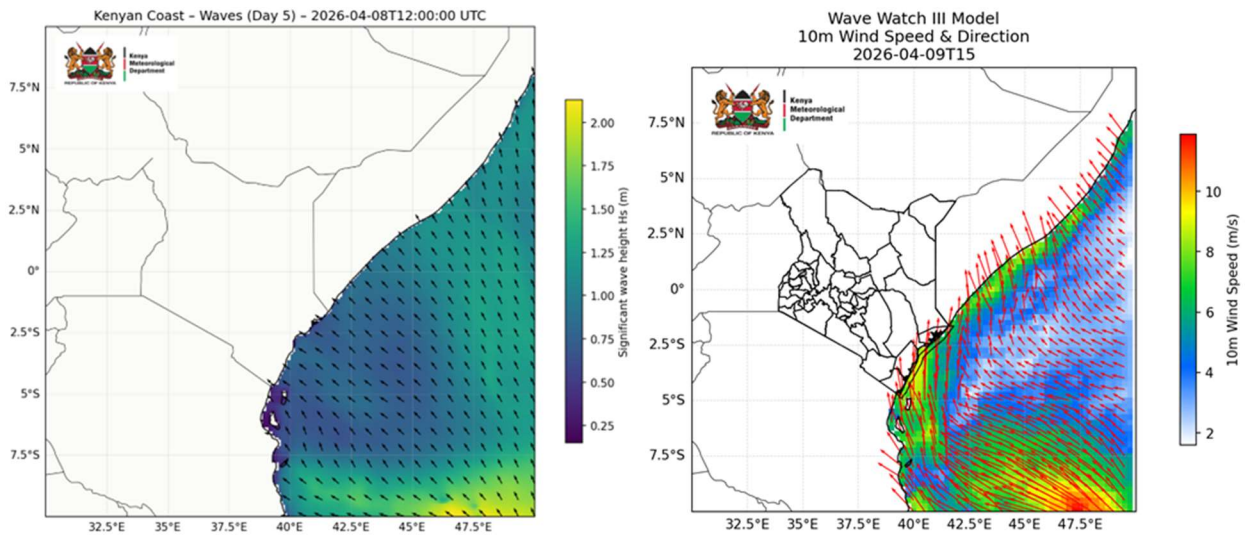
**2.3 Wednesday 8<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.4m ( $\approx$  0.6– 4.2ft)      10m Winds: 04-16 knots ( $\approx$  2 – 8m/s)



**2.4 Thursday 9<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

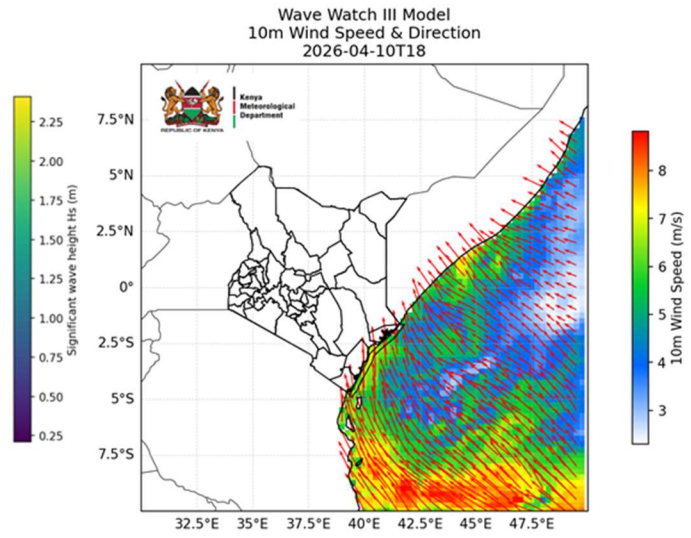
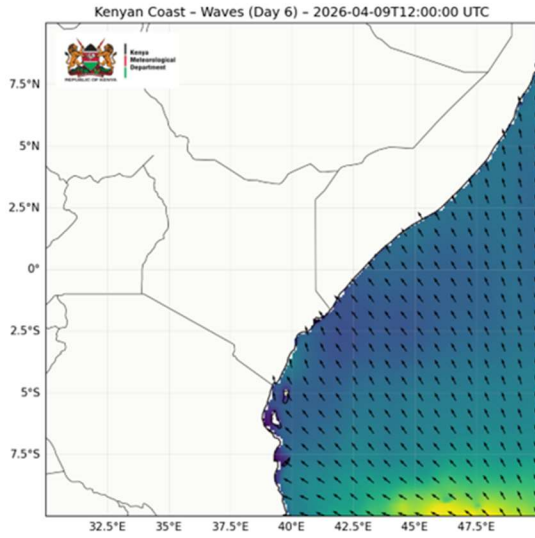
Wave height: 0.25 m to 2.0m ( $\approx$  0.75– 6.0ft)      10m Winds: 04-20 knots ( $\approx$  2– 10m/s)



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

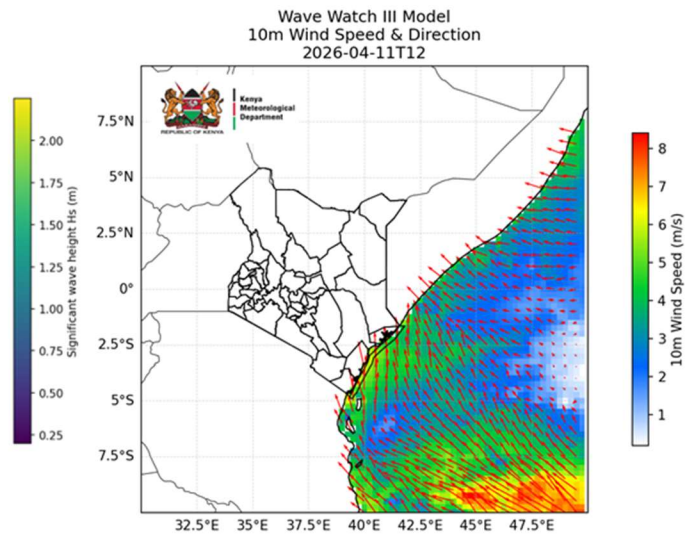
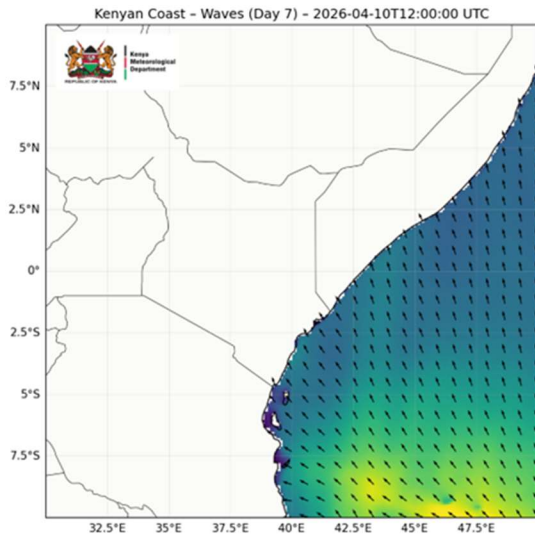
Wave height: 0.25 m to 2.25m ( $\approx 0.75 - 6.75\text{ft}$ )

10m Winds: 06-16knots ( $\approx 3 - 8\text{m/s}$ )



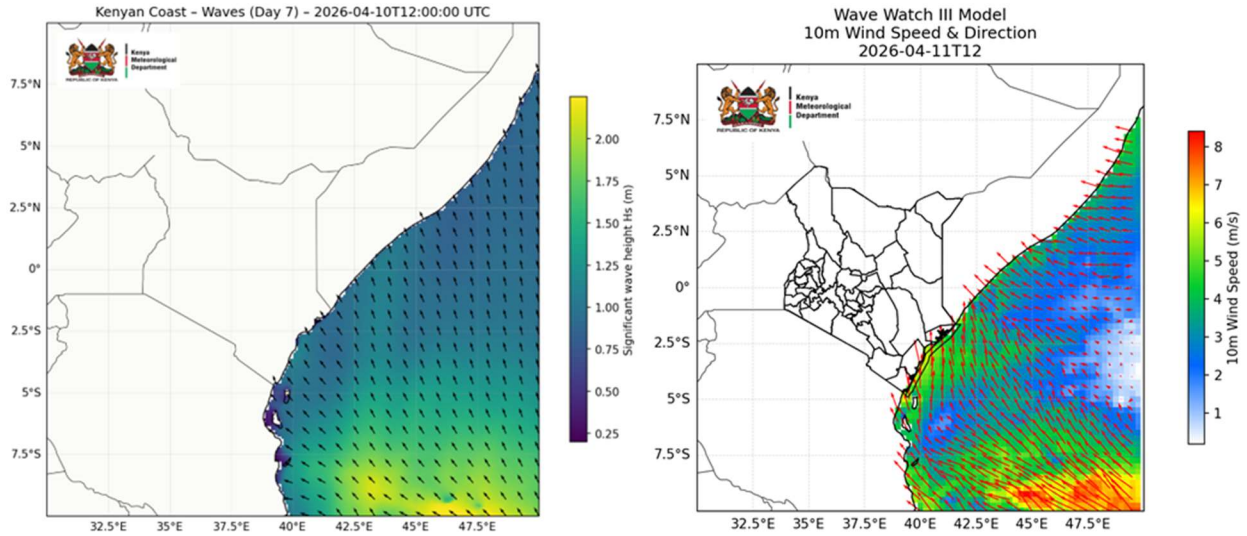
**2.6 Saturday 11<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25 m to 2.0m ( $\approx 0.75 - 6.0\text{ft}$ ) 10m Winds: 02-16 knots ( $\approx 1 - 8\text{m/s}$ )



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

Wave height: 0.25 m to 2.0m (≈ 0.75– 6.0ft) 10m Winds: 02-16 knots (≈ 1 – 8m/s)

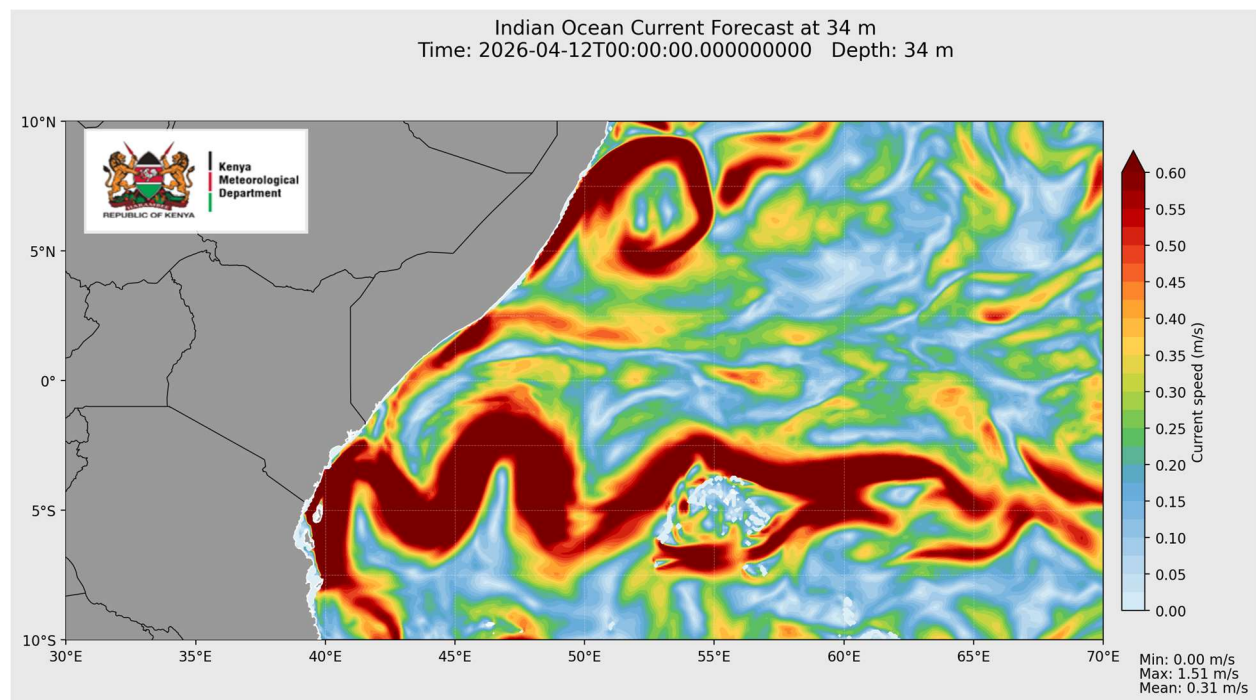


**3.0 TIDE FORECAST VALID FROM 6<sup>TH</sup> APRIL, 2026 TO 12<sup>TH</sup> APRIL, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
<b>Mon 6<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	06:06 AM	3.31 m	12:09 AM	0.46 m
	<b>2<sup>nd</sup> Tide</b>	06:18 PM	3.66 m	12:07 PM	0.59 m
<b>Tue 7<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	06:32 AM	3.09 m	12:38 AM	0.68 m
	<b>2<sup>nd</sup> Tide</b>	06:46 PM	3.43 m	12:33 PM	0.82 m
<b>Wed 8<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	07:01 AM	2.84 m	01:08 AM	0.95 m
	<b>2<sup>nd</sup> Tide</b>	07:19 PM	3.16 m	01:00 PM	1.08 m
<b>Thu 9<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	07:39 AM	2.57 m	01:44 AM	1.23 m
	<b>2<sup>nd</sup> Tide</b>	08:05 PM	2.87 m	01:32 PM	1.37 m
<b>Fri 10<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	08:51 AM	2.31 m	02:32 AM	1.51 m

	<b>2<sup>nd</sup> Tide</b>	09:37 PM	2.63 m	02:17 PM	1.66 m
<b>Sat 11<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	11:14 AM	2.26 m	04:19 AM	1.70 m
	<b>2<sup>nd</sup> Tide</b>	11:39 PM	2.62 m	04:26 PM	1.87 m
<b>Sun 12<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	12:52 PM	2.50 m	07:02 AM	1.52 m
	<b>2<sup>nd</sup> Tide</b>			07:14 PM	1.63 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID  
06/04/2026 TO 12/04/2026**



## KEY ON SEA STATE

WAVE HEIGHT RANGE (Meters)	DESCRIPTION	IMPACT
0.6 – 1.0 m (≈ 1.8 – 3.0 ft)	Slight	<b>Conditions suitable for Marine activities</b>
1.0 – 1.9 m (≈ 3.0 – 5.7 ft)	Slight – Moderate	
2.0 – 2.9 m (≈ 6.0 – 8.7 ft)	Moderate-Rough	<b>Caution on operating marine activities</b>
3.0 – 4.0 m (≈ 9.0 – 12.0 ft)	Rough	<b>Warning in place!!!! Warning in place and marine activities on hold</b>
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	<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. Caution in carrying out marine activities</b>
	22 – ≥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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