



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

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**REF.NO: KMD/FCST/04-2026/MARINE/15**

**Date: Issued on 11<sup>th</sup> April, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 12/04/2026 - 18/04/2026**

**1.0 GENERAL OUTLOOK**

**1.1 Wind Speed & Direction:**

South-Easterly to South-Westerly winds are expected over Kenya and Tanzania waters; and Easterly to South-Easterly wind speeds of 2 to 18 knots (1-9 m/s) throughout the forecast period.

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

South-Easterly to Southerly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.2-1.4m ( $\approx$  0.6-4.2ft) throughout the forecast period.

**1.3 Sea conditions**

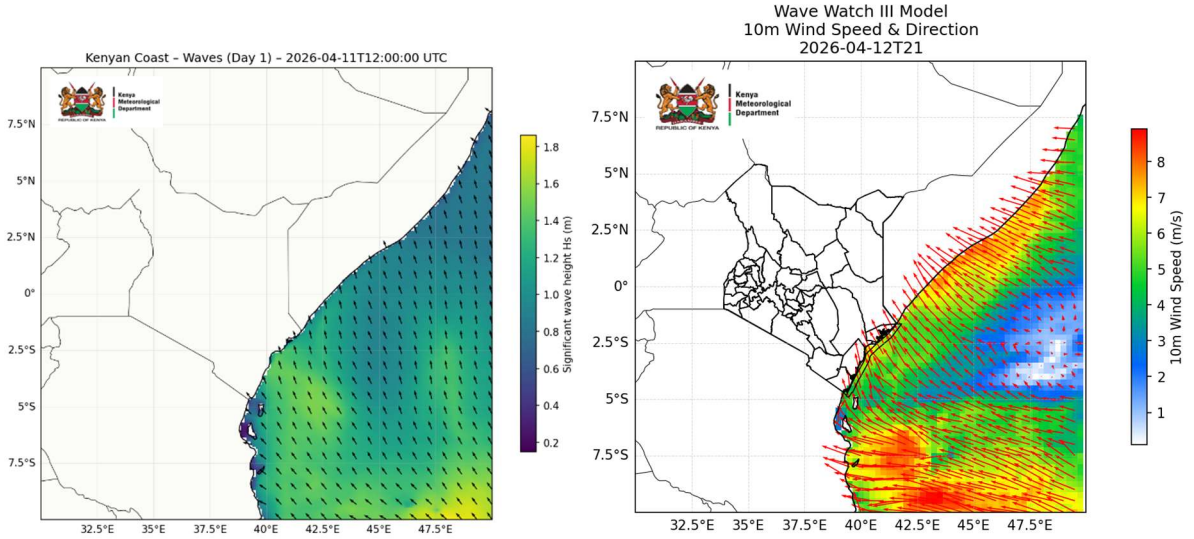
- Slight to moderate sea condition with wave heights of 0.2-1.2m (0.6-3.6ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.
- Light breeze to fresh breeze with wind speeds of 01-9m/s (02 to 18 Knots) expected Somalia, Kenya, and Tanzania waters throughout the forecast period.

**2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 12<sup>TH</sup> APRIL, 2026 TO 18<sup>TH</sup> APRIL, 2026.**

**2.1 Sunday 12<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)

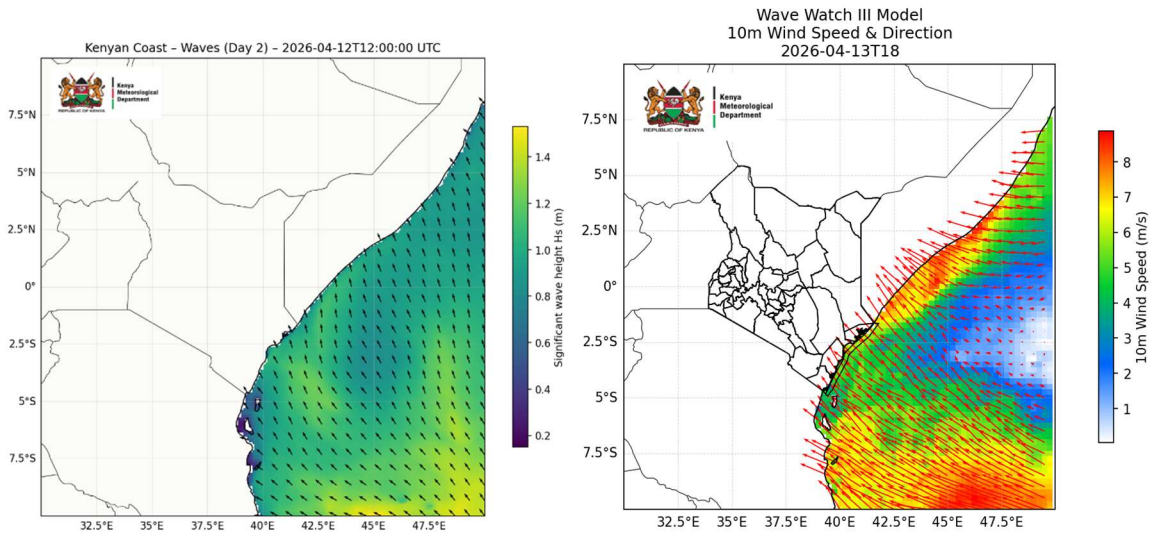
10m Winds: 04-16 knots ( $\approx$  2– 08m/s)



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

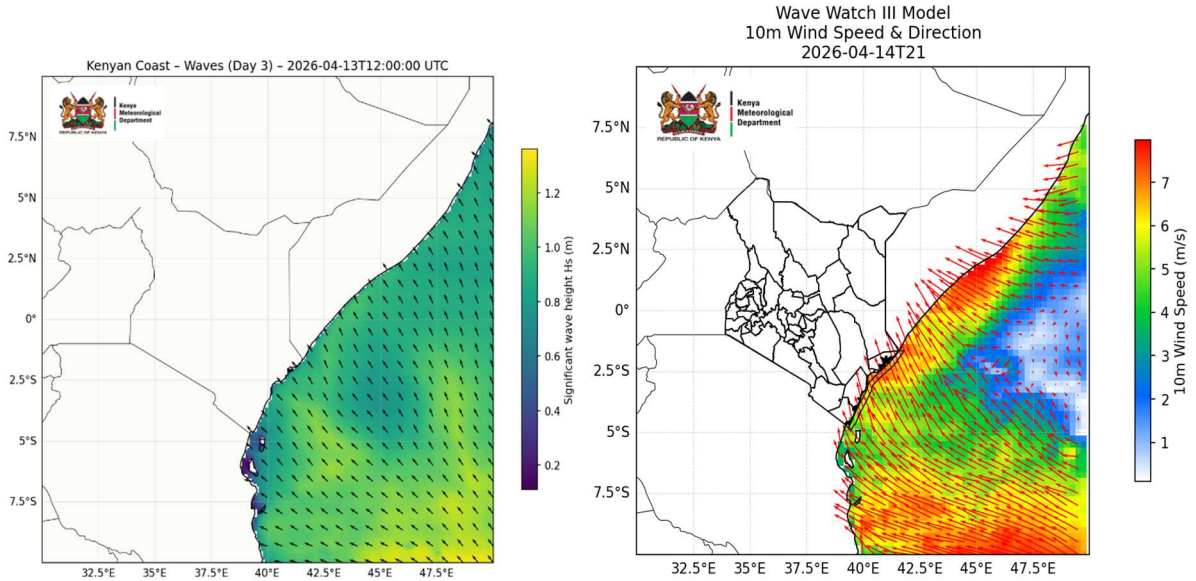
Wave height: 0.2 m to 1.2m ( $\approx$  0.6– 3.6ft)

10m Winds: 04-18 knots ( $\approx$  2 – 9m/s)



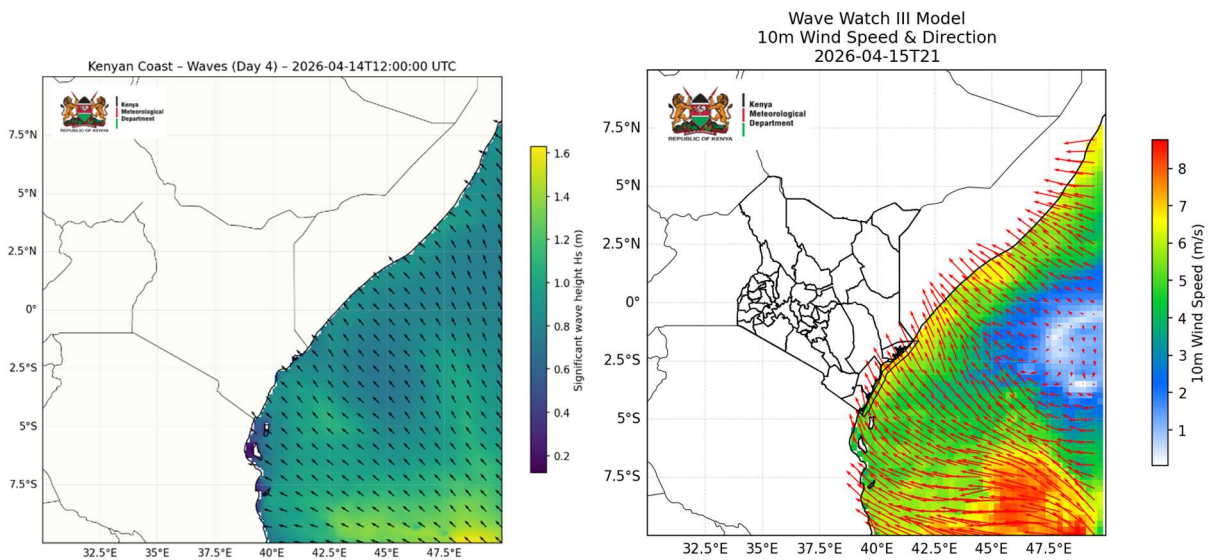
**2.3 Tuesday 14<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.2m (≈ 0.6– 3.6ft)      10m Winds: 06 -16 knots (≈3– 8m/s)



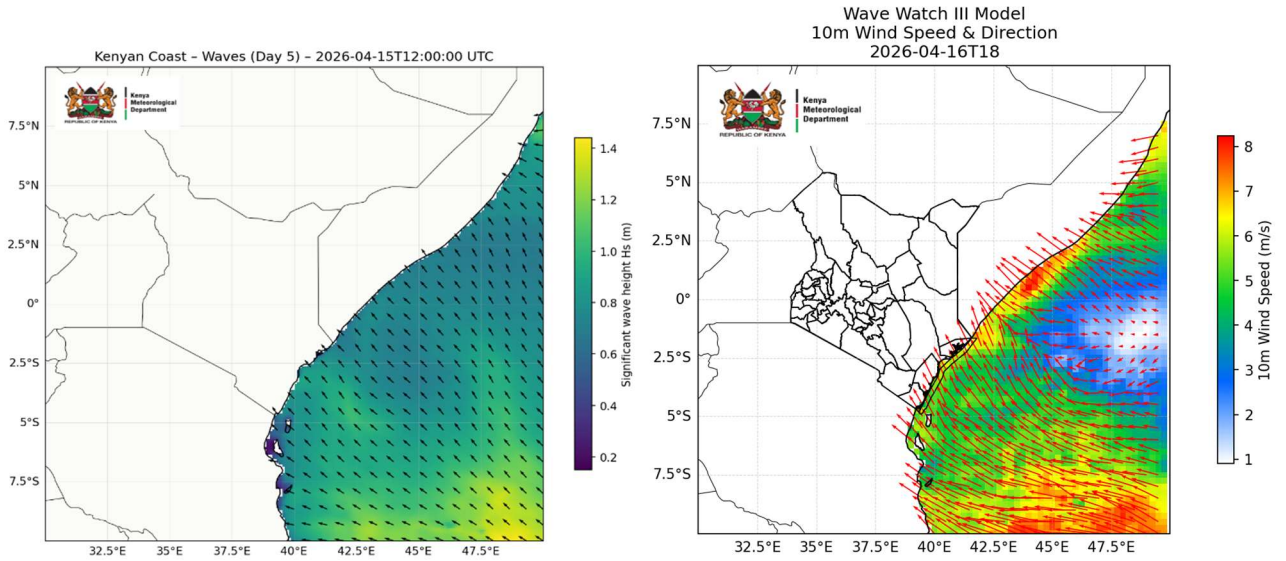
**2.4 Wednesday 15<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.2m (≈ 0.6– 3.6ft)      10m Winds: 02-16 knots (≈ 01 – 08m/s)



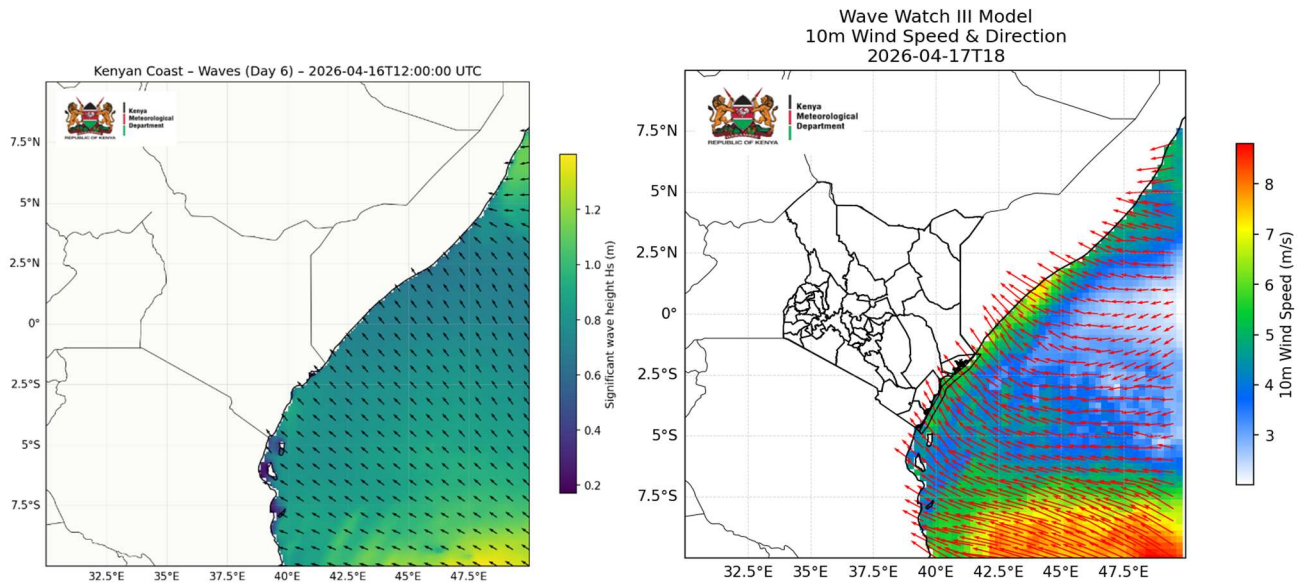
**2.5 Thursday 16<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.2 m to 1.0m (≈ 0.6– 3.0ft)      10m Winds: 02-14knots (≈ 1– 8m/s)



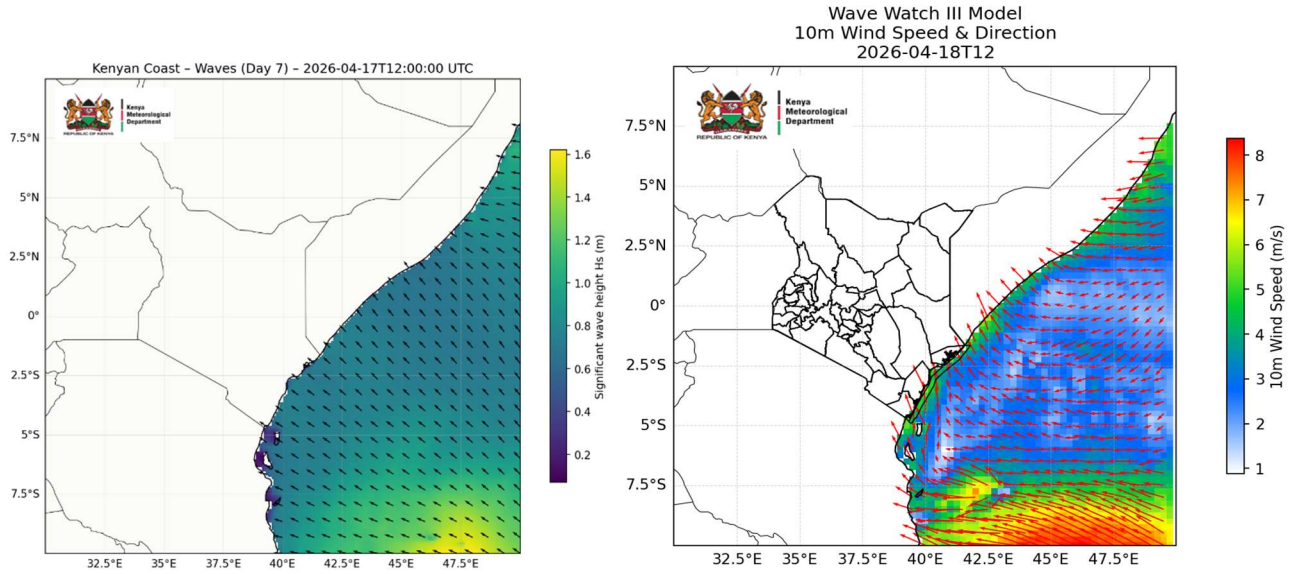
**2.6 Friday 17<sup>th</sup> April, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 1.0m (≈ 1.2– 3.0ft)      10m Winds: 06-16knots (≈ 3 – 8m/s)



**2.7 Saturday 18<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 1.0m (≈ 0.6– 3.0ft)      10m Winds: 02-14 knots (≈ 1 – 7m/s)

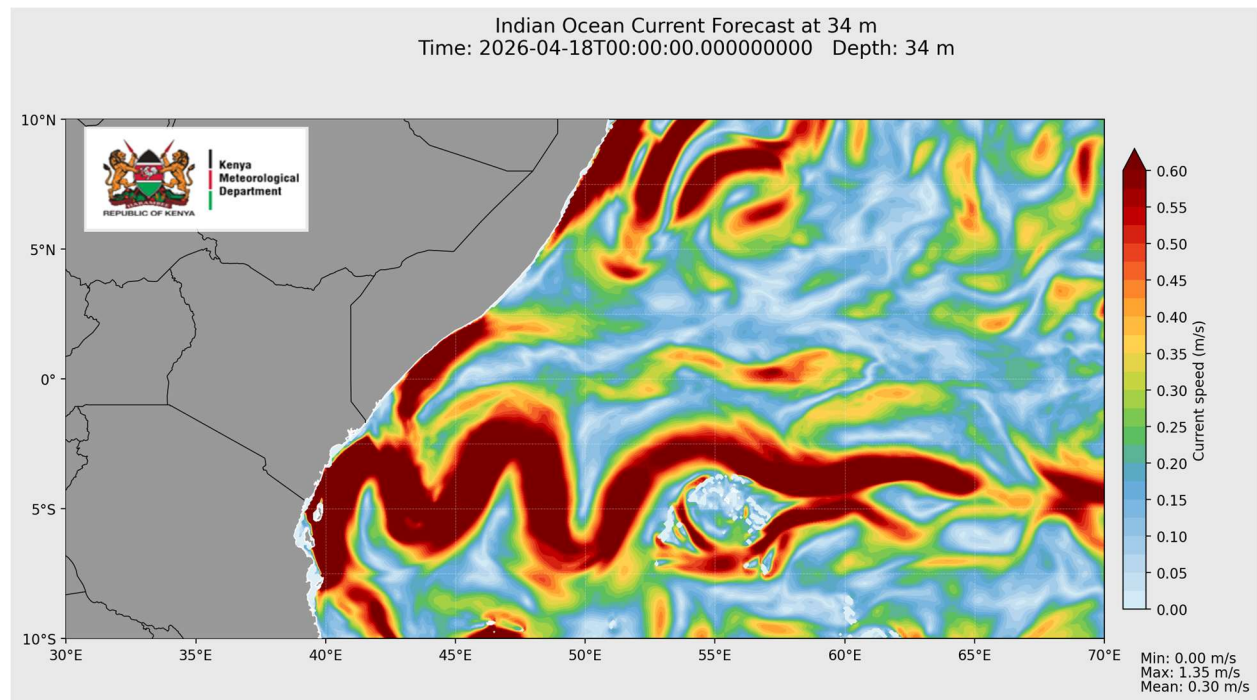


**3.0 TIDE FORECAST VALID FROM 12<sup>TH</sup> April, 2026 TO 18<sup>TH</sup> April, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Sun 12 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	01:19AM	2.25 m	06:56 AM	1.37 m
	2 <sup>nd</sup> Tide			07:10 PM	1.48 m
Mon 13 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	01:21AM	2.53 m	07:49 AM	1.13 m
	2 <sup>nd</sup> Tide	02:04 PM	2.59 m	08:05 PM	1.16 m
Tue 14 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	02:12AM	2.78 m	08:25 AM	0.87 m
	2 <sup>nd</sup> Tide	02:38 PM	2.94 m	08:45 PM	0.81 m
Wed 15 <sup>th</sup> April, 2026	1 <sup>st</sup> Tide	02:52AM	3.02 m	08:56 AM	0.63 m
	2 <sup>nd</sup> Tide	03:10 PM	3.30 m	09:21 PM	0.47 m

<b>Thu 16<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	03:28AM	3.22 m	09:27 AM	0.43 m
	<b>2<sup>nd</sup> Tide</b>	03:43 PM	3.61 m	09:55 PM	0.22 m
<b>Fri 17<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:04AM	3.36 m	09:58 AM	0.27 m
	<b>2<sup>nd</sup> Tide</b>	04:16 PM	3.84 m	10:31 PM	0.05 m
<b>Sat 18<sup>th</sup> April, 2026</b>	<b>1<sup>st</sup> Tide</b>	04:39AM	3.41 m	10:30 AM	0.19 m
	<b>2<sup>nd</sup> Tide</b>	04:51 PM	3.98 m	11:07 PM	-0.01 m

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID  
12/04/2026 TO 18/04/2026**



## 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!!!! 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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