



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

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REF.NO: KMD/FCST/06-2026/MARINE/25

Date: Issued on 17th June, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 18/06/2026 - 24/06/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

South-Easterly to South-Westerly winds are expected over Somalia waters with wind speeds of **12 to 28 knots (06-14 m/s)** throughout the forecast period.

South-Easterly to South-Westerly winds are expected over Kenya and Tanzania waters with wind speeds of **08 to 21 knots (04-10.5 m/s)** throughout the forecast period.

1.2 Sig. Wave Height and Direction:

South-Easterly to South south-westerly waves are expected over Somalia, waters with wave heights of **1.75-2.5m (\approx 5.25-7.5ft)** throughout the forecast period.

East south-easterly to South South-easterly waves are expected over Kenya, and Tanzania waters with wave heights of **0.5-2.5m (\approx 1.5-7.5ft)** throughout the forecast period.

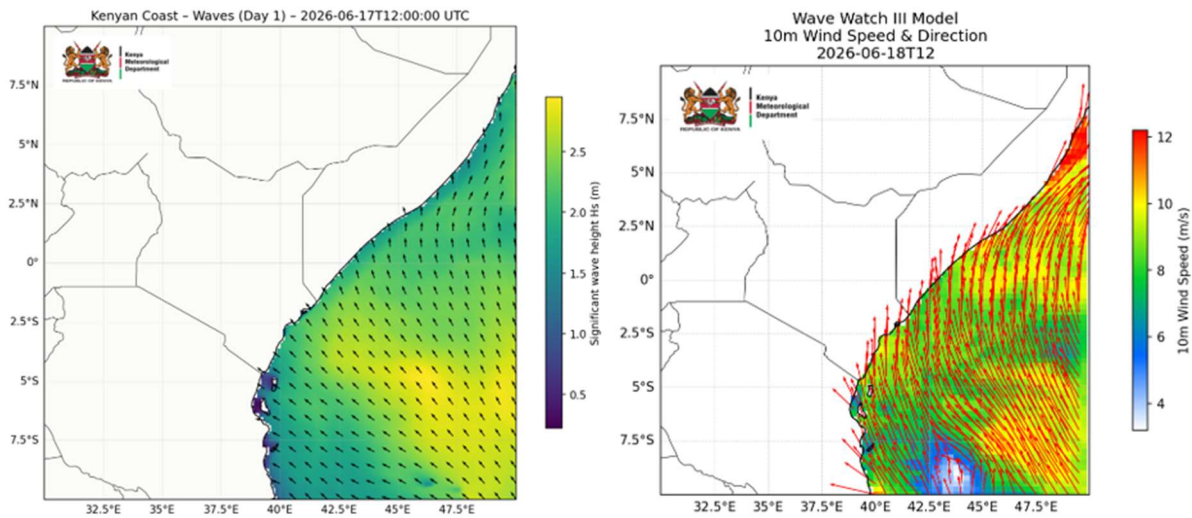
1.3 Sea condition

- **Gentle breeze to strong breeze with wind speeds of 06-14m/s (12 to 28 Knots) expected over Somalia waters throughout the forecast period.**
- **Gentle breeze to fresh breeze with wind speeds of 4-10.5m/s (08 to 21 Knots) expected over Kenya and Tanzania waters throughout the forecast period.**
- **Slight to Rough Sea condition with wave heights of 0.5-2.5m (\approx 1.5-7.5ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.**

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 18TH JUNE, 2026 TO 24TH JUNE, 2026.

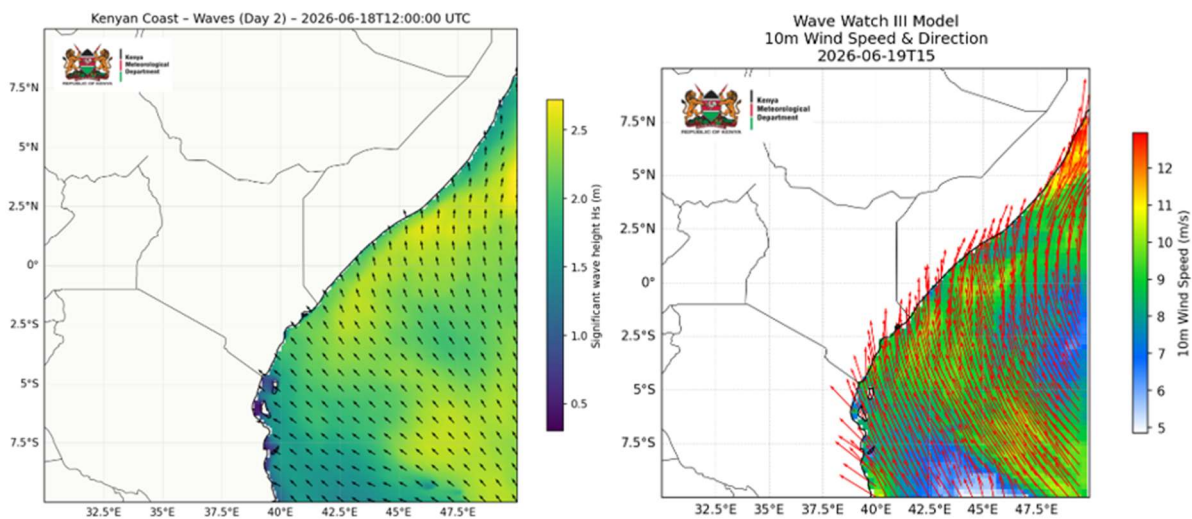
2.1 Thursday 18th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft) 10m Winds: 08-28knots (\approx 4 – 12m/s)



2.2 Friday 19th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

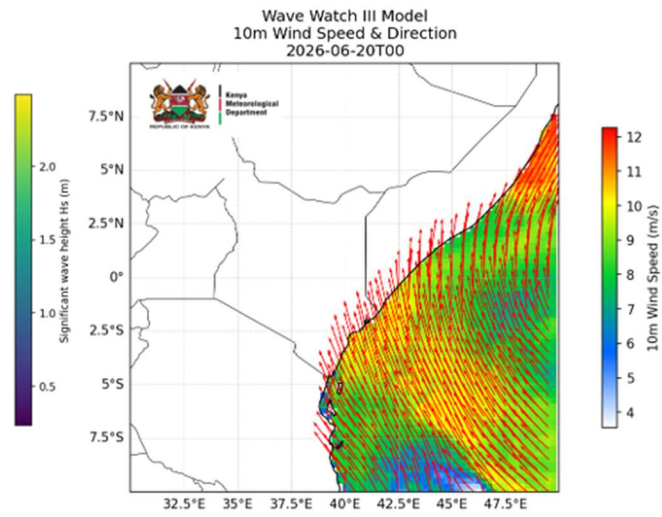
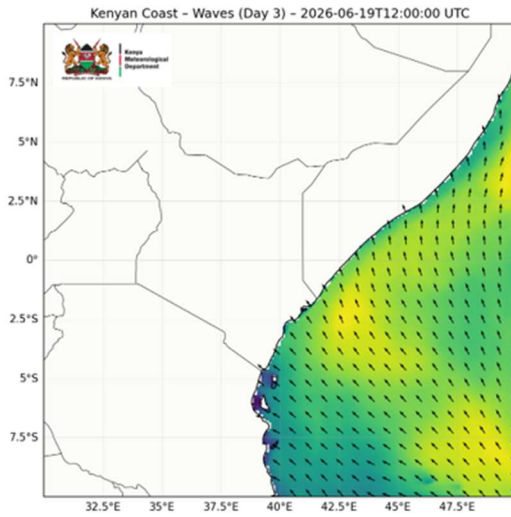
Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft) 10m Winds: 10-24 knots (\approx 5 – 12m/s)



2.3 Saturday 20th June, 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)

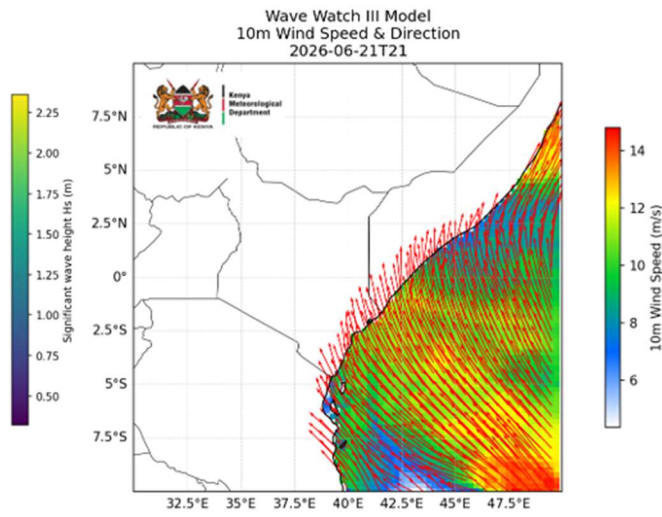
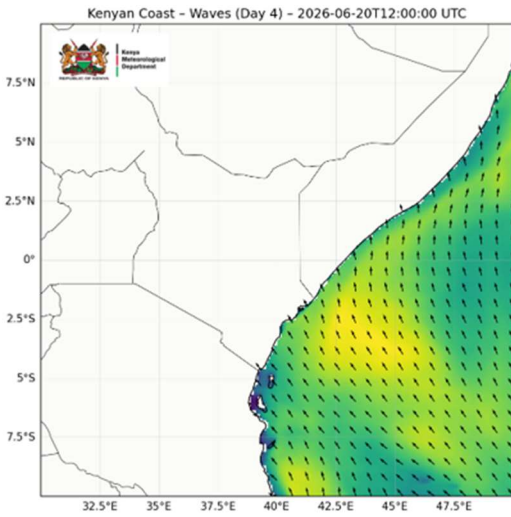
10m Winds: 08-24 knots (\approx 4– 12 m/s)



2.4 Sunday 21st June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

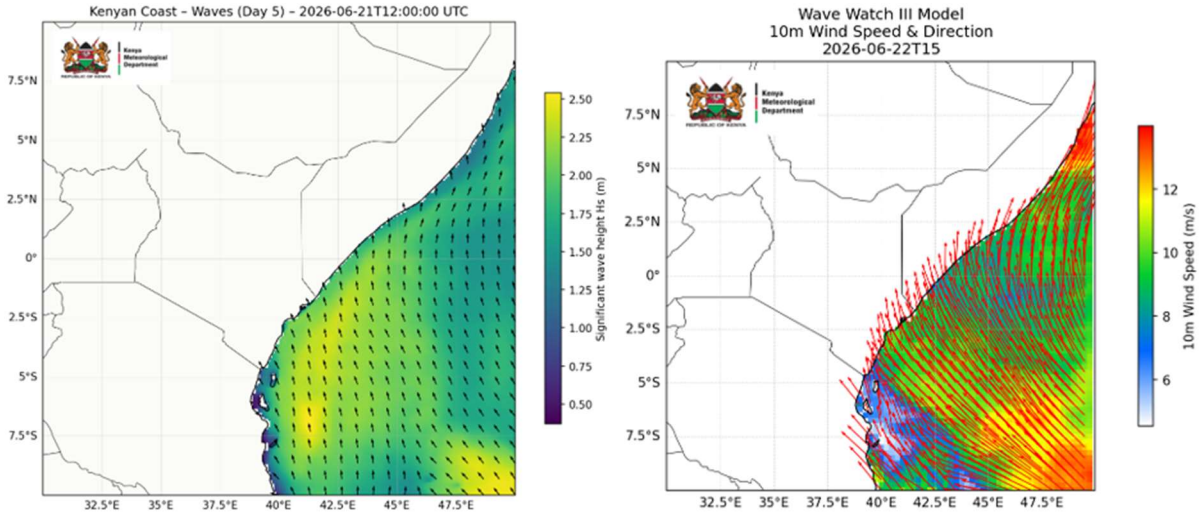
Wave height: 0.5 m to 2.25m (\approx 1.5– 6.75ft)

10m Winds: 12-28 knots (\approx 6– 14 m/s)



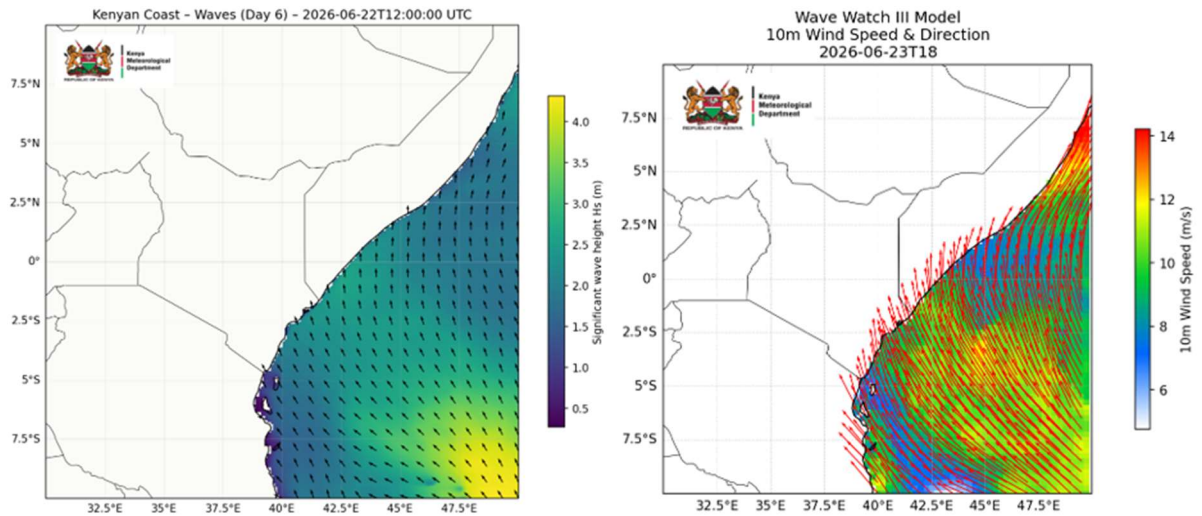
2.5 Monday 22nd June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft) 10m Winds: 12 -24 knots (\approx 6– 12m/s)



2.6 Tuesday 23rd June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

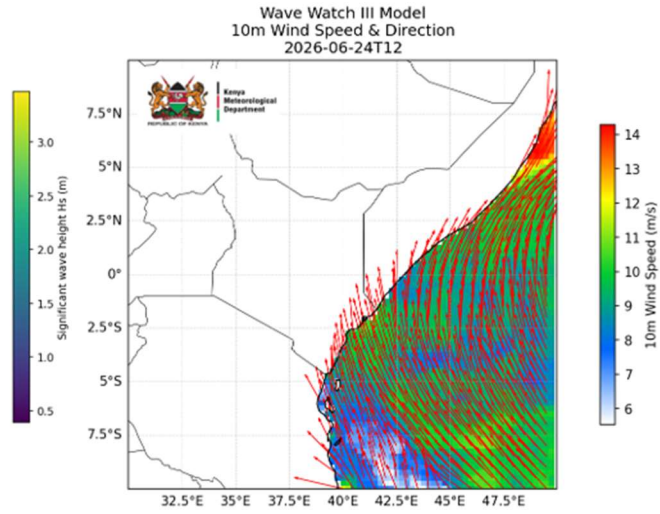
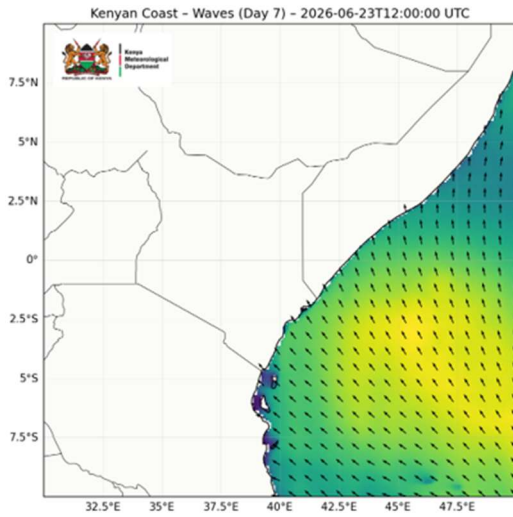
Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft) 10m Winds: 08-28 knots (\approx 4 – 14m/s)



2.7 Wednesday 24th June, 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– 7.5 ft)

10m Winds: 12-28 knots (\approx 6– 14m/s)

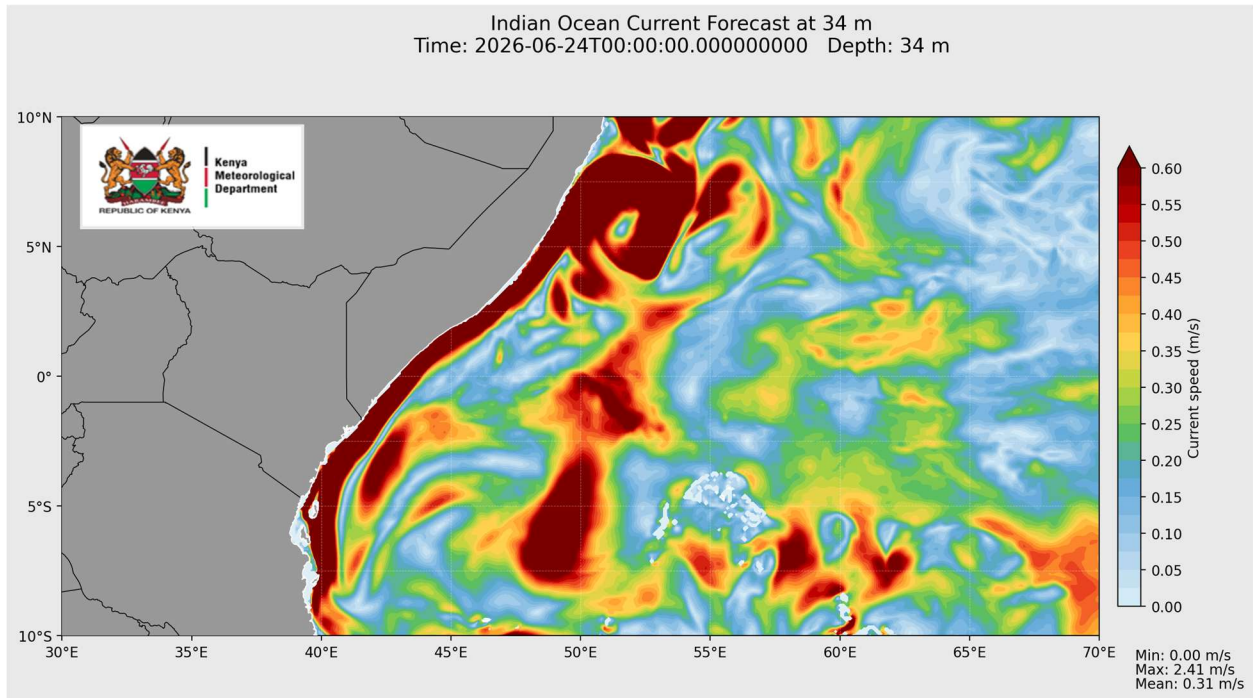


3.0 TIDE FORECAST VALID FROM 18TH JUNE, 2026 TO 24TH JUNE, 2026.

| Date | Description | High Tide | | Low Tide | |
|---------------------------------|----------------------|-----------|--------|----------|--------|
| | | Time | Height | Time | Height |
| Thu 18 th June, 2026 | 1 st Tide | 6:26AM | 3.06 m | 00:14AM | 0.22 m |
| | 2 nd Tide | 6:38 PM | 3.01 m | 12:13 PM | 0.52 m |
| Fri 19 th June, 2026 | 1 st Tide | 7:14AM | 3.06 m | 00:59AM | 0.33 m |
| | 2 nd Tide | 7:25 PM | 3.31 m | 1:04 PM | 0.67 m |
| Sat 20 th June, 2026 | 1 st Tide | 8:04AM | 2.94 m | 1:45AM | 0.49 m |
| | 2 nd Tide | 8:15 PM | 3.02 m | 1:59PM | 0.85 m |
| Sun 21 st June, 2026 | 1 st Tide | 8:59AM | 2.86 m | 2:33AM | 0.67 m |
| | 2 nd Tide | 9:09 PM | 2:73 m | 3:00PM | 1.04 m |

| | | | | | |
|---------------------------------------|----------------------------|----------|--------|---------|--------|
| Mon 22nd June, 2026 | 1st Tide | 9:59 AM | 2.79 m | 3:24 AM | 0.85 m |
| | 2nd Tide | 10:11 PM | 2.47 m | 4:11 PM | 1.18 m |
| Tue 23rd June, 2026 | 1st Tide | 11:05AM | 2.76 m | 4:21AM | 1.0 m |
| | 2nd Tide | 11:25PM | 2.3 m | 5:30 PM | 1.23 m |
| Wen 24th June, 2026 | 1st Tide | | | 5:24 AM | 1.11 m |
| | 2nd Tide | 12:12 PM | 2.78 m | 6:47 PM | 1.19 m |

4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 18/06/2026 TO 24/06/2026



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!!!! |
| 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.

Dr. Okello & Mr.K.Langat.
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FOR AG DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT