



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 20th June, 2026

7-Day Marine Forecast for the Kenya Coast and Off Shore Areas
Along the Western Indian Ocean Region
Validity: 21/06/2026 - 27/06/2026

1.0 GENERAL OUTLOOK

1.1 Wind Speed & Direction:

South-Easterly to South-Westerly winds are expected over Somalia waters with wind speeds of 08 to 28 knots (04-14 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 24 knots (04-12 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 1.75-3.0m (\approx 5.25-9.0ft) throughout the forecast period.

East south-easterly to South South-easterly waves are expected over Kenya, and Tanzania waters with wave heights of 0.4-2.5m (\approx 1.5-7.5ft) throughout the forecast period.

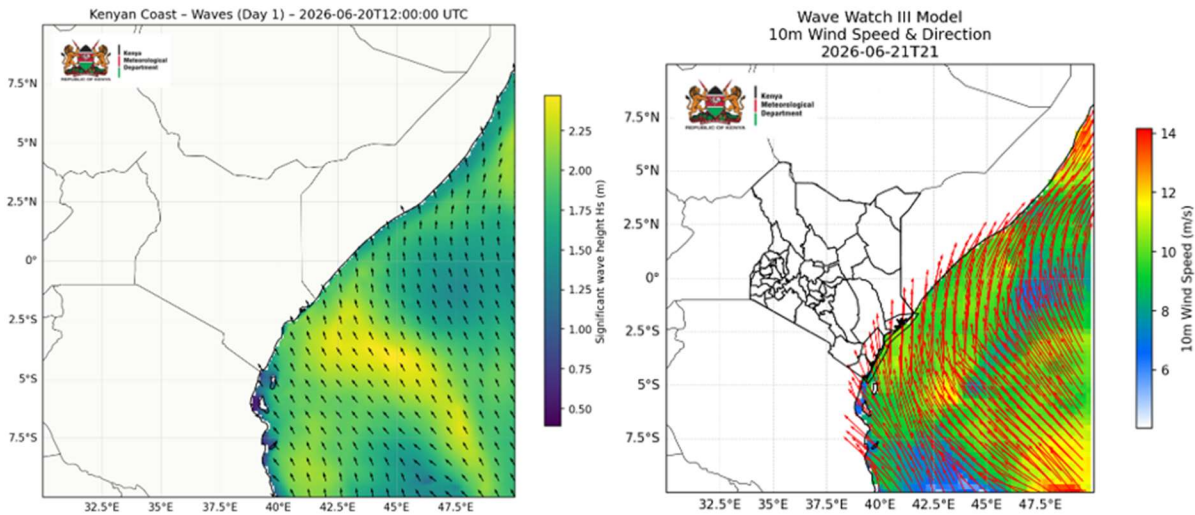
1.3 Sea condition

- Gentle breeze to strong breeze with wind speeds of 04-14m/s (08 to 28 Knots) expected over Somalia waters throughout the forecast period.
- Gentle breeze to Strong breeze with wind speeds of 4-12m/s (08 to 24 Knots) expected over Kenya and Tanzania waters throughout the forecast period.
- Moderate to Rough sea condition with wave heights of 1.75-3.0m (\approx 5.25-9.0ft) expected over the Somalia, waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.4-2.5m (\approx 1.2-7.5ft) expected over the Kenya and Tanzania waters throughout the forecast period.

2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 21ST JUNE, 2026 TO 27TH JUNE, 2026.

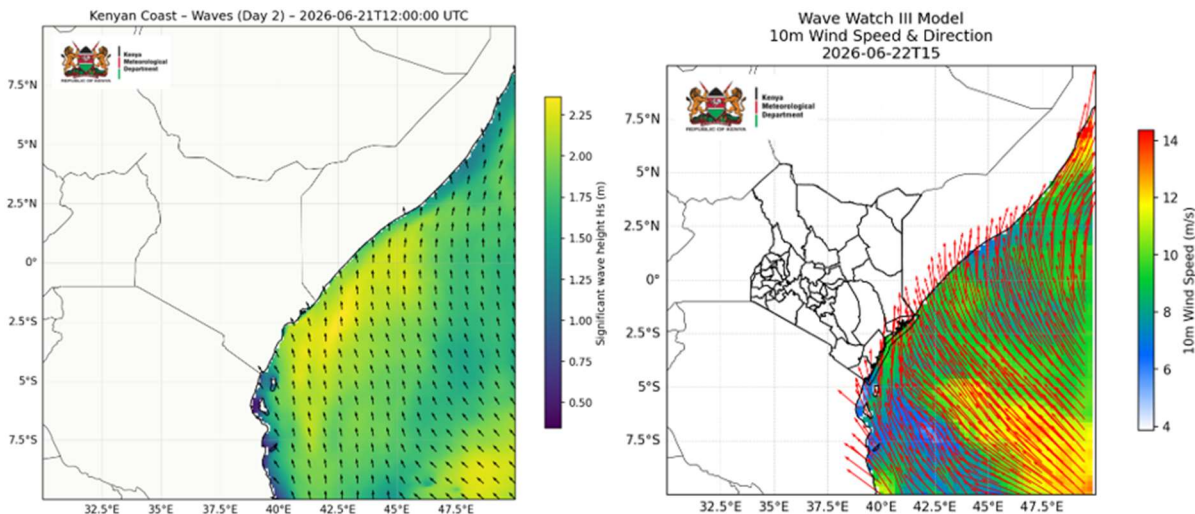
2.1 Sunday 21st June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 2.25m ($\approx 1.5 - 6.75$ ft) 10m Winds: 12-28knots ($\approx 6 - 14$ m/s)



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

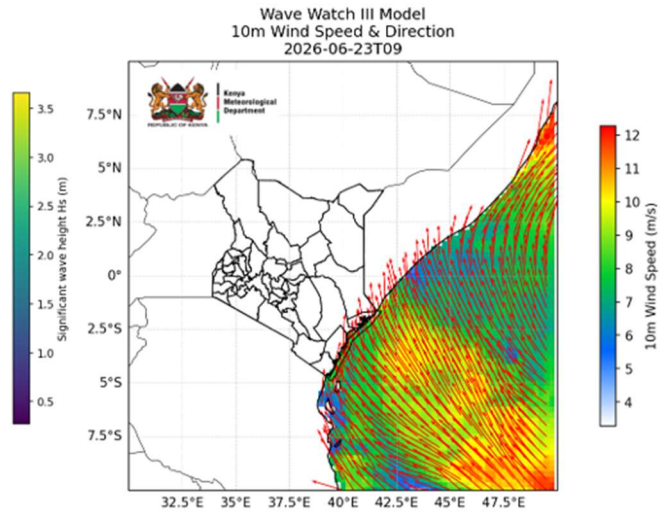
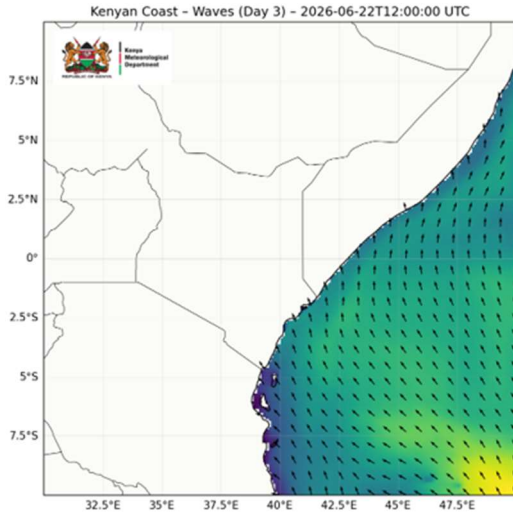
Wave height: 0.5 m to 2.25m ($\approx 1.5 - 6.75$ ft) 10m Winds: 08-28 knots ($\approx 4 - 14$ m/s)



2.3 Tuesday 23rd June 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)

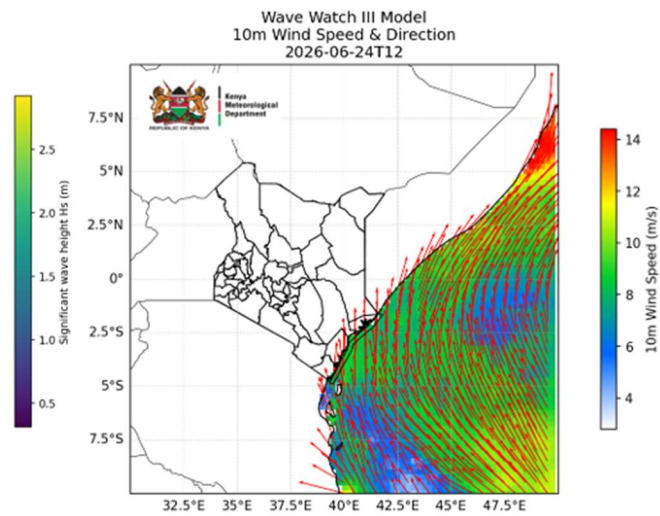
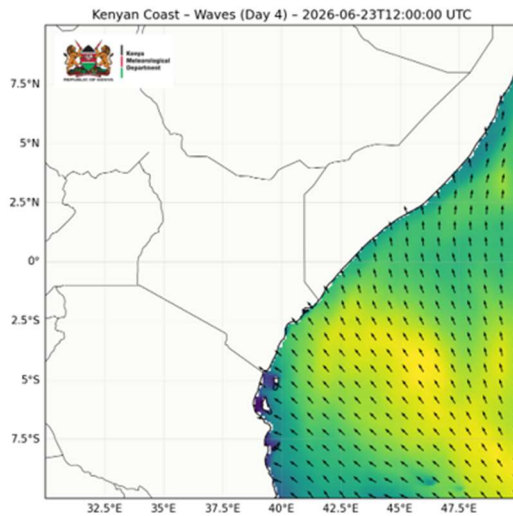
10m Winds: 08-24 knots (\approx 4– 12 m/s)



2.4 Wednesday 24th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

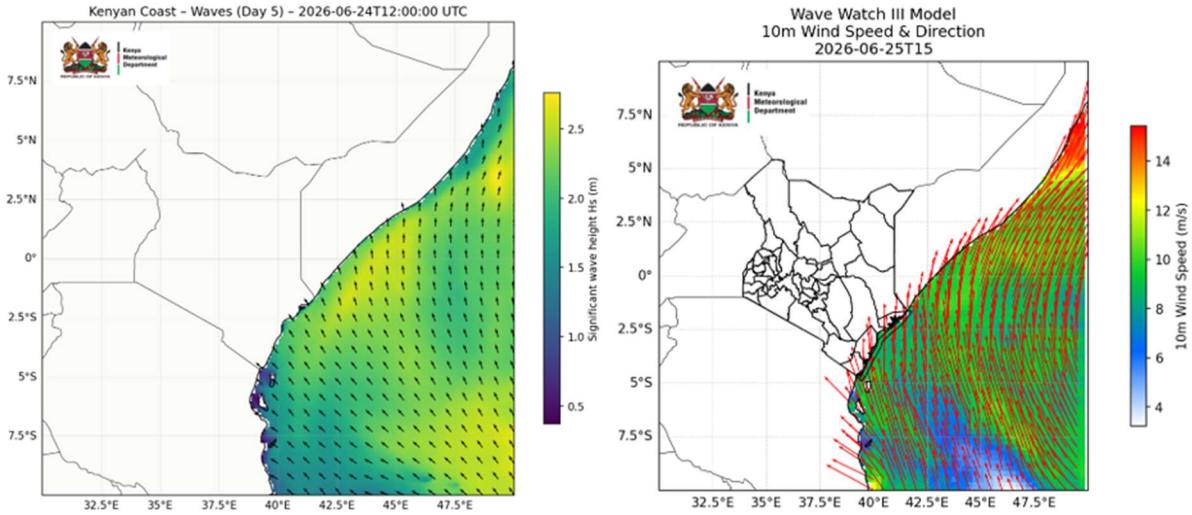
Wave height: 0.5 m to 2.5m (\approx 1.5– 7.5ft)

10m Winds: 08-28 knots (\approx 4– 14m/s)



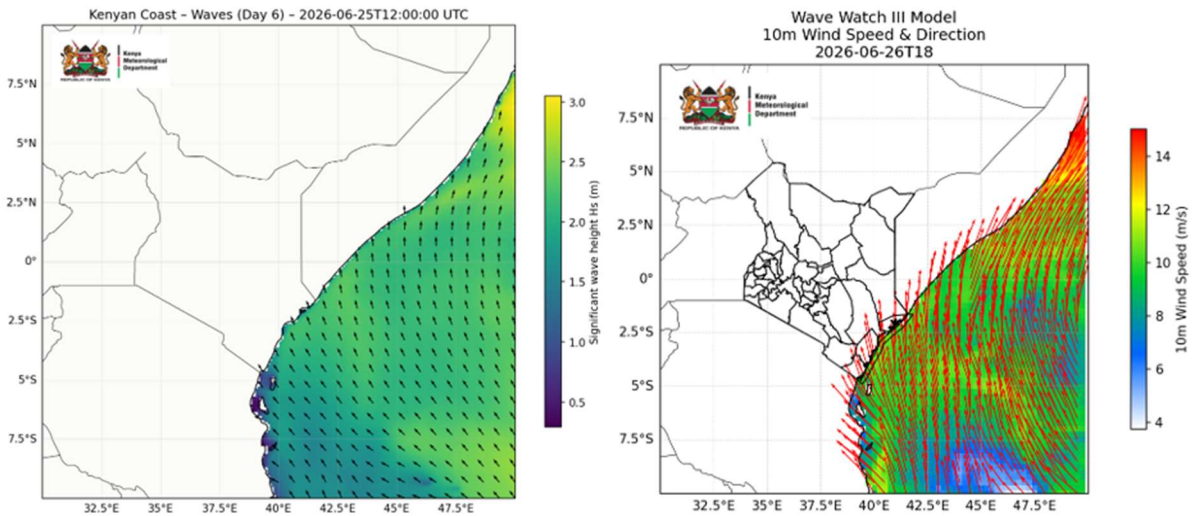
2.5 Thursday 25th June, June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

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



2.6 Friday 26th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

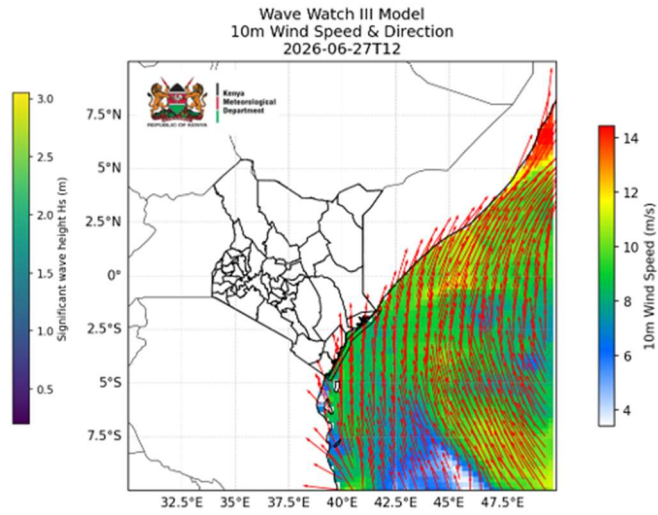
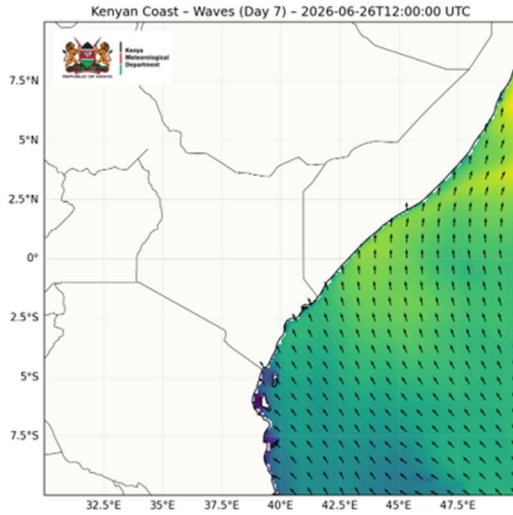
Wave height: 0.5 m to 3.0m (\approx 1.5– 9.0ft) 10m Winds: 08-24 knots (\approx 4 – 14m/s)



2.7 Saturday 27th June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.5 m to 3.0m (≈ 1.5– 9.0 ft)

10m Winds: 08-28 knots (≈ 4– 14m/s)

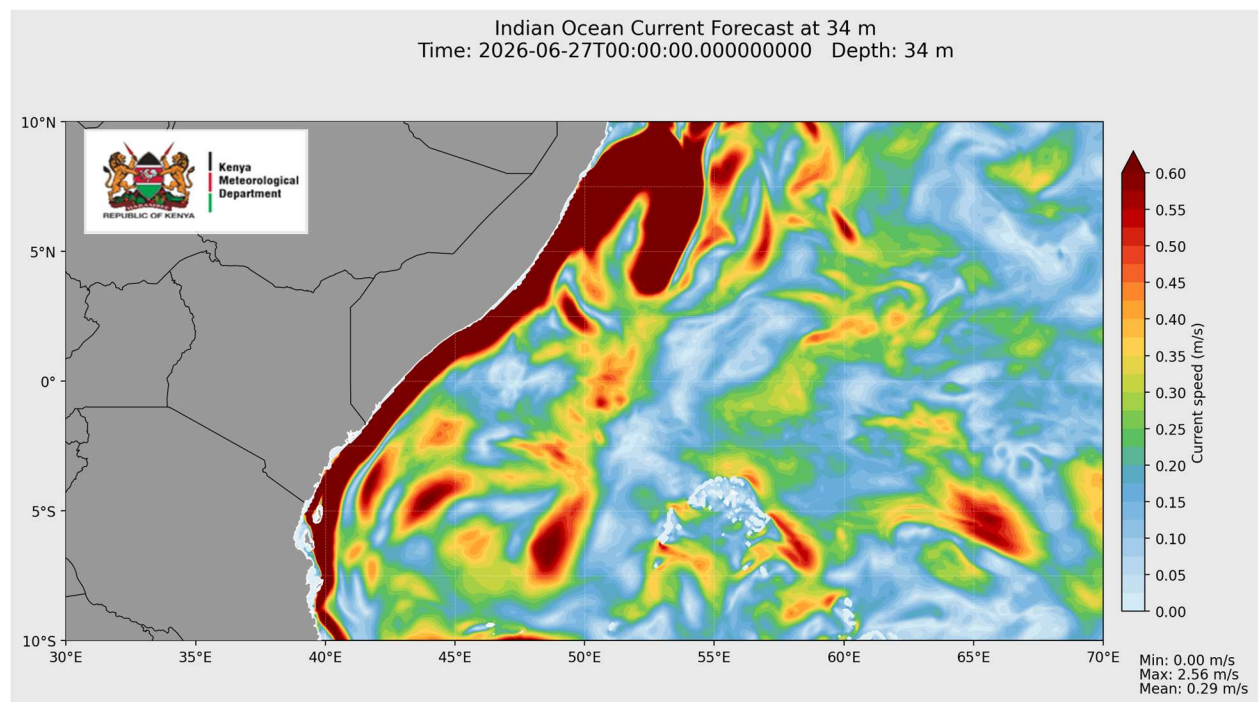


3.0 TIDE FORECAST VALID FROM 21ST JUNE, 2026 TO 27TH JUNE, 2026.

| Date | Description | High Tide | | Low Tide | |
|---------------------------------|----------------------|-----------|--------|----------|--------|
| | | Time | Height | Time | Height |
| 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 22 nd June, 2026 | 1 st Tide | 9:59 AM | 2.79 m | 3:24 AM | 0.85 m |
| | 2 nd Tide | 10:11 PM | 2.47 m | 4:11 PM | 1.18 m |
| Tue 23 rd June, 2026 | 1 st Tide | 11:05AM | 2.76 m | 4:21AM | 1.0 m |
| | 2 nd Tide | 11:25PM | 2.3 m | 5:30 PM | 1.23 m |
| Wen 24 th June, 2026 | 1 st Tide | | | 5:24 AM | 1.11 m |
| | 2 nd Tide | 12:12 PM | 2.78 m | 6:47 PM | 1.19 m |
| Thu 25 th June, 2026 | 1 st Tide | 00:42 AM | 2.25 m | 6:27 AM | 1.14 m |

| | | | | | |
|---------------------------------------|----------------------------|---------|--------|---------|--------|
| | 2nd Tide | 1:14 PM | 2.85 m | 7:50 PM | 1.08 m |
| Fri 26th June, 2026 | 1st Tide | 1:49 AM | 2.29 m | 7:26 AM | 1.12 m |
| | 2nd Tide | 2:06 PM | 2.96 m | 8:40 PM | 0.95 m |
| Sat 27th June, 2026 | 1st Tide | 2:41AM | 2.38 m | 8:16 AM | 1.05 m |
| | 2nd Tide | 2:51PM | 3.07 m | 9:22 PM | 0.82 m |

**4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S)
FORECAST VALID 21/06/2026 TO 27/06/2026**



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!!!! 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.

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