



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

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**REF.NO: KMD/FCST/05-2026/MARINE/22**

**Date: Issued on 28<sup>th</sup> May, 2026**

**7-Day Marine Forecast for the Kenya Coast and Off Shore Areas**  
**Along the Western Indian Ocean Region**  
**Validity: 29/05/2026 - 04/06/2026**

**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 06 to 24 knots (03-12 m/s) throughout the forecast period.

East-South-Easterly to South-South-Westerly winds are expected over Kenya and Tanzania waters with wind speeds of 06 to 20 knots (3-10 m/s) throughout the forecast period.

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

East-South-Easterly to South-South-westerly waves are expected over Somalia, Kenya, and Tanzania waters with wave heights of 0.25–2.25m ( $\approx$  0.75–6.75ft) throughout the forecast period.

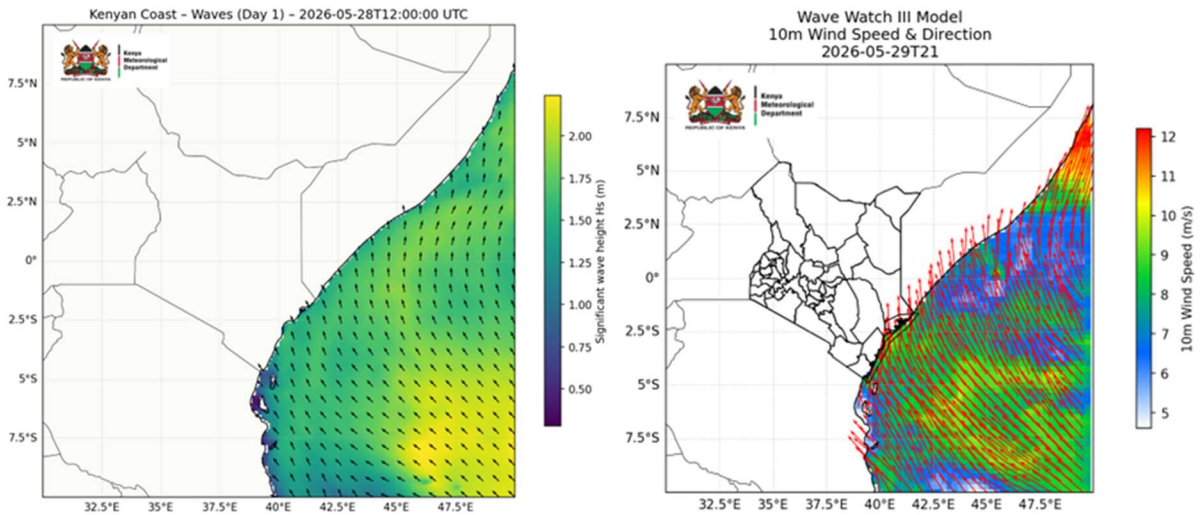
**1.3 Sea condition**

- Light breeze to strong breeze with wind speeds of 03–12m/s (06 to 24 Knots) expected over Somalia waters throughout the forecast period.
- Light breeze to fresh breeze with wind speeds of 3–10m/s (06 to 20 Knots) expected Kenya, and Tanzania waters throughout the forecast period.
- Slight to moderate sea condition with wave heights of 0.25–2.25m ( $\approx$  0.75–6.75ft) expected over the Somalia, Kenya and Tanzania waters throughout the forecast period.

## 2.0 WINDS AND SIGNIFICANT WAVE HEIGHTS FORECAST FOR THE PERIOD 29<sup>TH</sup> MAY, 2026 TO 4<sup>TH</sup> JUNE, 2026.

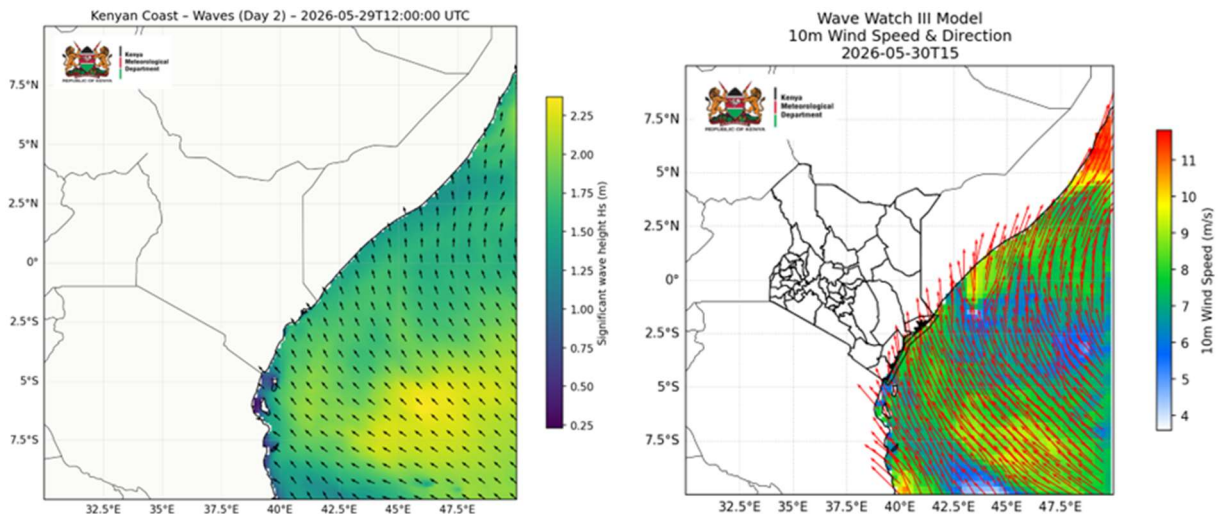
### 2.1 Friday 29<sup>th</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.3 m to 2.0m ( $\approx$  0.9– 6.0ft)      10m Winds: 10-24 knots ( $\approx$  5– 12m/s)



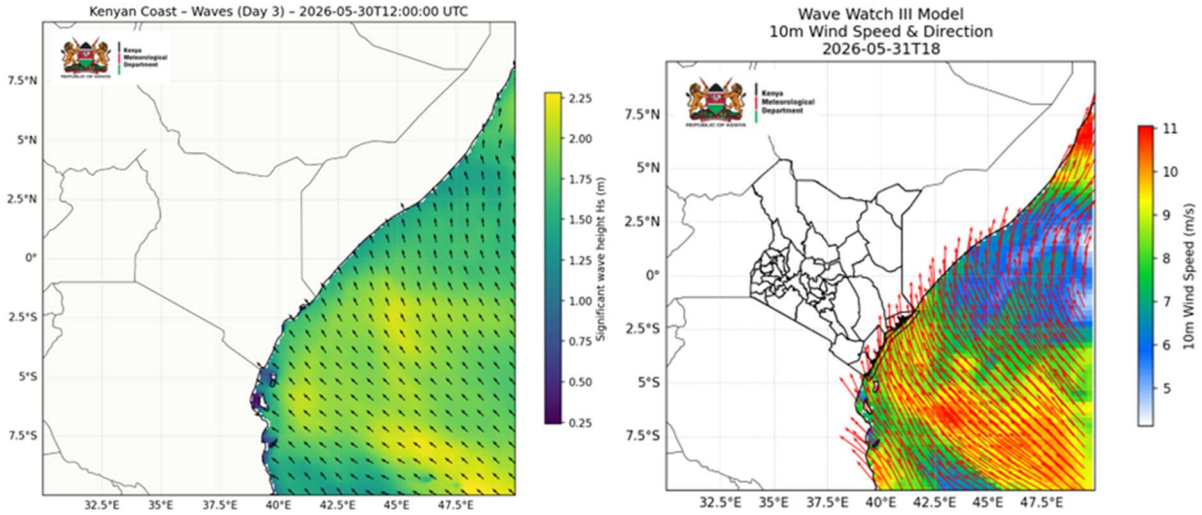
### 2.2 Saturday 30<sup>th</sup> May, 2026, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

Wave height: 0.25 m to 2.25m ( $\approx$  0.75- 6.75ft)      10m Winds: 08-22 knots ( $\approx$  4– 11 m/s)



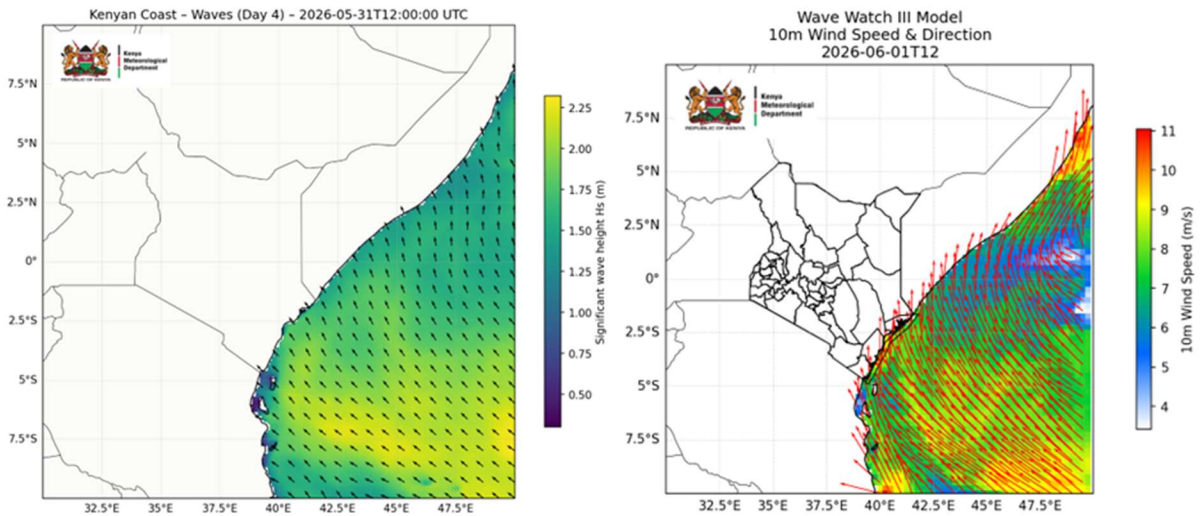
**2.3 Sunday 31<sup>st</sup> May, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.25 m to 2.25m ( $\approx$  0.75– 6.75ft) 10m Winds: 10-22 knots ( $\approx$  5– 11 m/s)



**2.4 Monday 1<sup>st</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

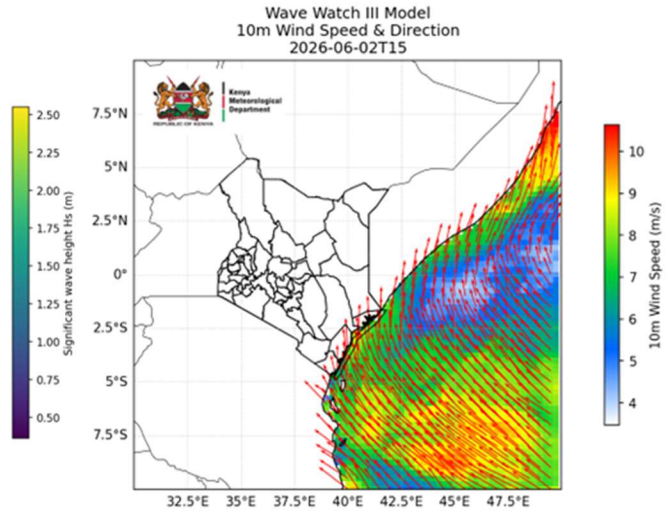
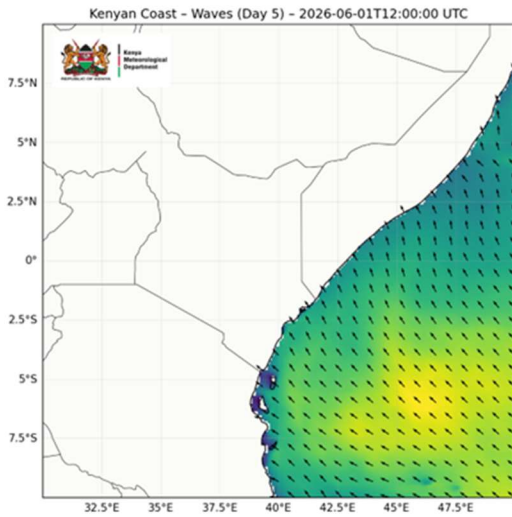
Wave height: 0.5 m to 2.25m ( $\approx$  1.5– 6.75ft) 10m Winds: 08 -22 knots ( $\approx$  4– 11m/s)



## 2.5 Tuesday 2<sup>nd</sup> 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)

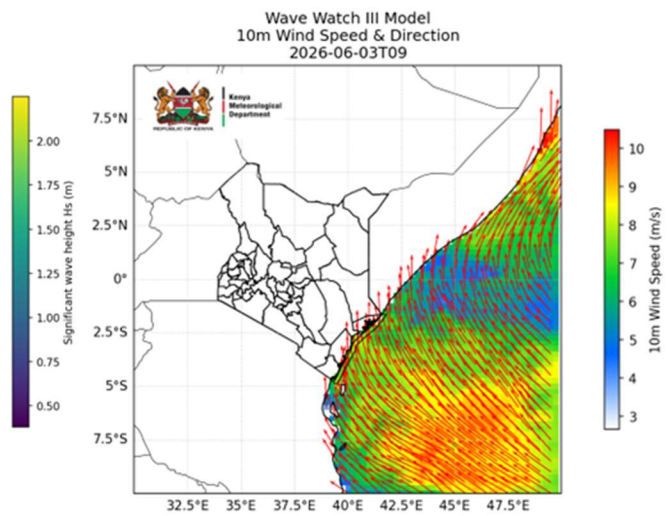
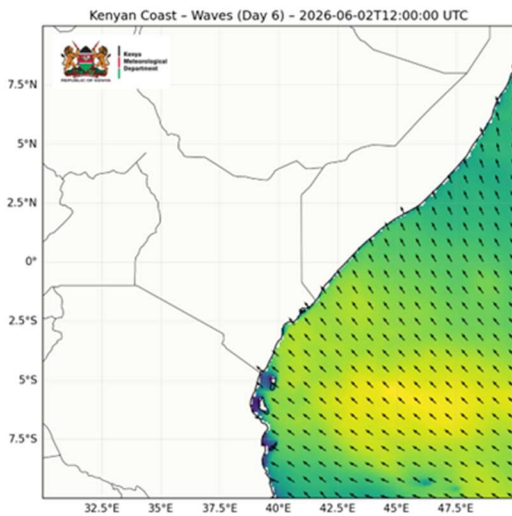
10m Winds: 08-20 knots ( $\approx$  4 – 10m/s)



## 2.6 Wednesday 3<sup>rd</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)

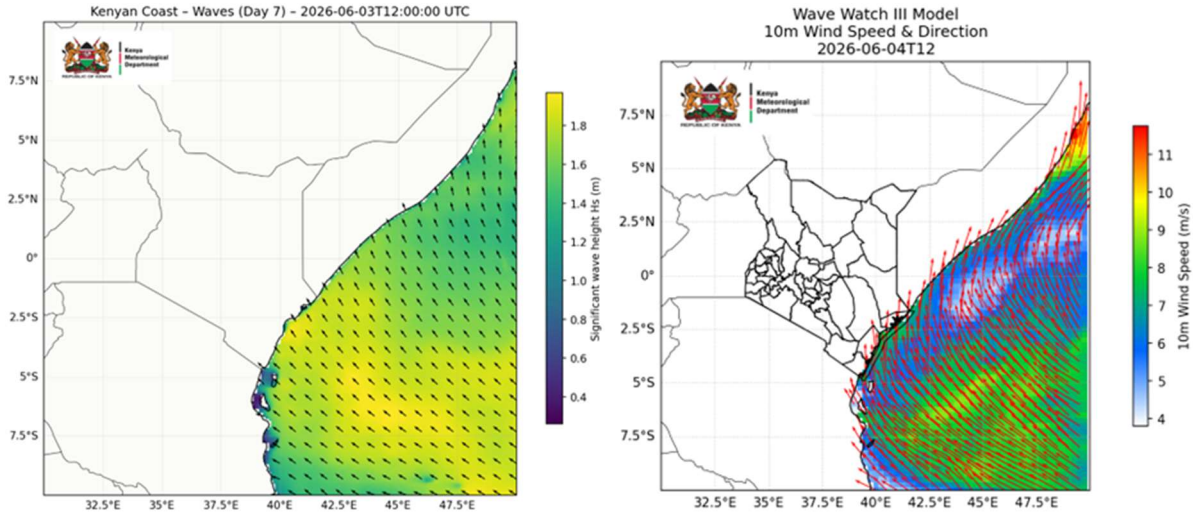
Wave height: 0.5 m to 2.0m ( $\approx$  1.5– 6.0 ft)

10m Winds: 06-20 knots ( $\approx$  3– 10m/s)



**2.7 Thursday 4<sup>th</sup> June, 2026: Significant Wave Height and Wind Speed (Wave Scale in Meters; Wind Scale in m/s)**

Wave height: 0.4 m to 1.8m (≈ 1.2– 5.4ft)      10m Winds: 08-22knots (≈ 4 – 11m/s)

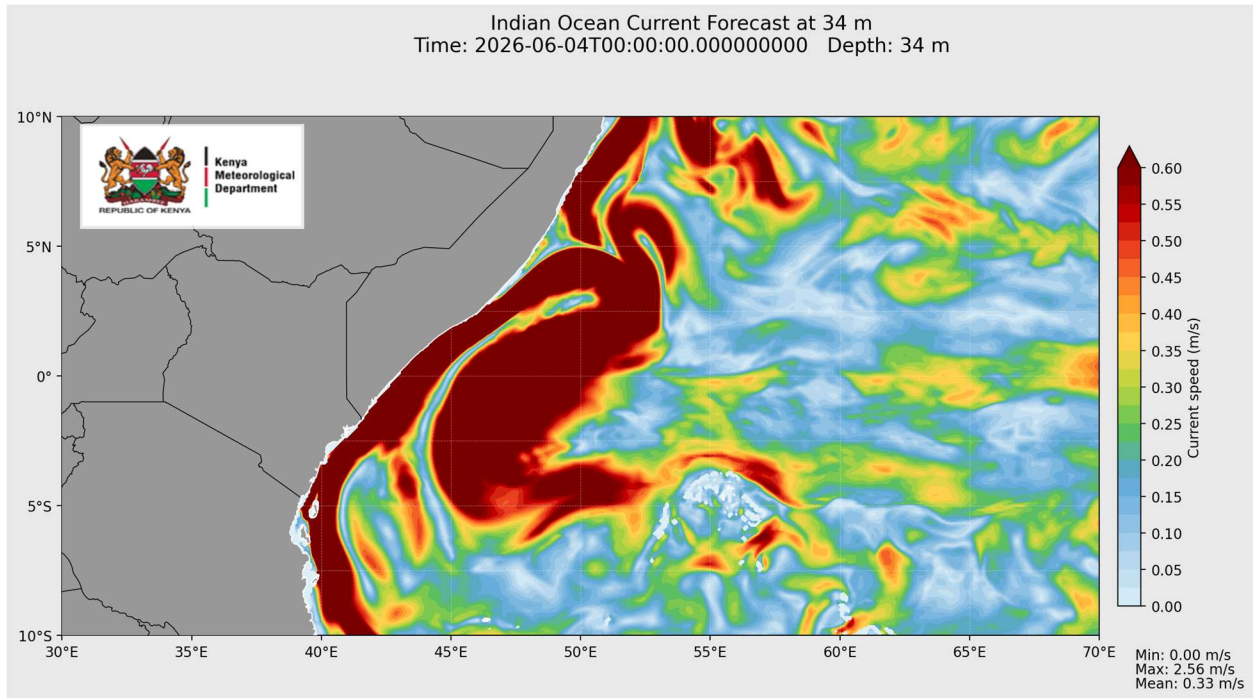


**3.0 TIDE FORECAST VALID FROM 29<sup>TH</sup> MAY, 2026 TO 4<sup>TH</sup> JUNE, 2026.**

Date	Description	High Tide		Low Tide	
		Time	Height	Time	Height
Fri 29 <sup>th</sup> May, 2026	1 <sup>st</sup> Tide	02:50 AM	2.99 m	08:48 AM	0.84 m
	2 <sup>nd</sup> Tide	03:03 PM	3.63 m	09:31 PM	0.67 m
Sat 30 <sup>th</sup> May, 2026	1 <sup>st</sup> Tide	03:26 AM	3.05 m	09:22 AM	0.77 m
	2 <sup>nd</sup> Tide	03:35 PM	3.70 m	10:03 PM	0.59 m
Sun 31 <sup>st</sup> May, 2026	1 <sup>st</sup> Tide	03:59 AM	3.10 m	09:55 AM	0.73 m
	2 <sup>nd</sup> Tide	04:07 PM	3.74 m	10:35 PM	0.55 m
Mon 1 <sup>st</sup> June, 2026	1 <sup>st</sup> Tide	04:31 AM	3.12 m	10:27 AM	0.73 m
	2 <sup>nd</sup> Tide	04:38 PM	3.73 m	11:06 PM	0.55 m
Tue 2 <sup>nd</sup> June, 2026	1 <sup>st</sup> Tide	05:03 AM	3.10 m	10:59 AM	0.77 m

	<b>2<sup>nd</sup> Tide</b>	05:10 PM	3.69 m	11:39 PM	0.58 m
<b>Wed 3<sup>rd</sup> June, 2026</b>	<b>1<sup>st</sup> Tide</b>	05:37 AM	3.06 m	11:32 AM	0.85 m
	<b>2<sup>nd</sup> Tide</b>	05:43 PM	3.61 m		
<b>Thu 4<sup>th</sup> June, 2026</b>	<b>1<sup>st</sup> Tide</b>	06:14 AM	2.99 m	12:12 AM	0.66 m
	<b>2<sup>nd</sup> Tide</b>	06:18 PM	3.49 m	12:05 PM	0.95 m

#### 4.0 7 DAYS OCEAN SURFACE CURRENT IN METERS PER SECONDS (M/S) FORECAST VALID 29/05/2026 TO 04/06/2026



## 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.*

Mr. K.Langat

**FOR DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT**