

PART I: 7day weather forecast summary

- The county is expected to receive light showers giving way to sunny intervals from Wednesday to Friday and Light to moderate showers on Saturday and Sunday.
- Areas within the coastline are expected to receive a total of 10-15mm of rains the entire forecast period.
- The hinterlands are expected to receive a total of <1-6mm of rains the entire forecast period.
- However, a few places in the hinterlands may remain dry and sunny.
- Maximum/Daytime temperatures are expected to range from 28– 31 °C in areas within the coastline and 28-33 °C in the hinterlands.
- The Minimum temperatures are expected to range from 23-28 °C in areas within the coastline and 21-28 °C in the hinterlands.
- Winds are expected to be moderate to strong with an improvement.
- Areas within the coastline are expected to experience moderate to strong SE winds ranging from 4-12m/s.
- The hinterlands are expected to experience moderate to strong SE winds ranging from 4-13m/s.

PART II: Advice to farmers concerning OND season

- The onset for October-December short-rains season is expected to be between 24th October and 8th November).
- OND rains are expected to be depressed, with poor distribution, shorter rainfall period and with occasional storms as depicted in the seasonal outlook.

PART III: weekly Marine weather forecast.

- A slight improvement in ocean conditions is expected in the county.
- Moderate to Rough Sea conditions with wind speeds of 4-12m/s are expected to prevail from 1st to 5th Oct, 2024.
- Moderate Sea conditions with wind speeds of 4-10m/s are expected on 6th and 7th Oct, 2024.
- **Small crafts are advised to venture with caution due to moderate to strong winds from Tuesday to Saturday.**

Table2: Ocean wave height and wind speed for Kenyan waters

Max. wind	Tues 1 st	Wed 2 nd	Thurs 3 rd	Friday 4 th	Saturday 5 th	Sunday 6 th	Mon 7 th
In m/s	4-11	6-12	6-11	8-12	8-11	6-10	4-10

PART IV: Key on Ocean State

(A)	WAVE HEIGHT RANGE (Metres)	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	
(B)	WIND RANGE	DESCRIPTION	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.

In concurrence with outputs from relevant marine data platforms, acknowledgment 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.

For further info Contact: Mobile No. 0720672579