

PART I: 7day weather forecast summary

- The county is expected to experience a reduction in wet weather activities with mainly sunny intervals and light to moderate rains.
- On Saturday, several places may experience moderate showers.
- Chances for thunderstorms are likely especially between Thursday and Saturday.
- Maximum/Daytime temperatures are expected to range from 29– 31 °C in areas within the coastline and 30-34 °C in the hinterlands.
- The Minimum/Night temperatures are expected to range from 24-29 °C in areas within the coastline and 22-29 °C in the hinterlands.
- Winds are expected to be mainly North Easterlies ranging from gentle to moderate.
- Areas within the coastline are expected to experience gentle- moderate NE winds ranging from 3-8m/s.
- The hinterlands are expected to experience gentle - moderate NE winds ranging from 3-9m/s.

PART III: Agro-weather advice to farmers concerning OND season

- OND rains are expected to be depressed, with poor distribution, long dry spells, late onset, early cessation, shorter rainfall period and with occasional storms as depicted in the seasonal outlook.
- The rains may continue to assume ununiformed pattern even in areas within the same ward (rain in patches).
- Cessation of rains is expected to be the 2nd week of December.
- Farmers who wish to continue planting are advised to plant drought tolerant, early maturing, high temperatures tolerant and less water uptake trees and vegetables.
- Farmers are advised to put up rain water harvesting mechanisms to cope with expected dry spells and take advantage of the occasional storms.
- Farmers are advised to practice agroforestry to cope with higher temperatures, increase ground water recharge and reduce evaporative loss.

- The season being warmer and drier is expected to experience increased cases of pest infestation hence preventive measures highlighted by the Agricultural experts are recommended in the light of this forecast.

N/B

- The drought, higher temperatures, poor distribution of rains and occasional storms being experienced currently are driven by LANINA and the Indian Ocean Dipole (IOD) negative conditions.
- The late and improper onsets experienced could be as a result of further deterioration of the Indian Ocean Dipole, from neutral to negative conditions.

PART IV: weekly Marine weather forecast.

Ocean conditions are expected to further improve.

- The entire forecast period is expected to experience moderate conditions with gentle to moderate winds of 3-8m/s.

Table2: Ocean wave height and wind speed for Kenyan waters

Max. wind	Tue 12 th	Wed 13 th	Thurs 14 th	Friday 15 th	Saturday 16 th	Sunday 17 th	Mon 18 th
In m/s	3-6	3-6	3-6	3-6	3-6	3-6	3-6

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 - \geq 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.

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