

Cyclone Chido in Mayotte

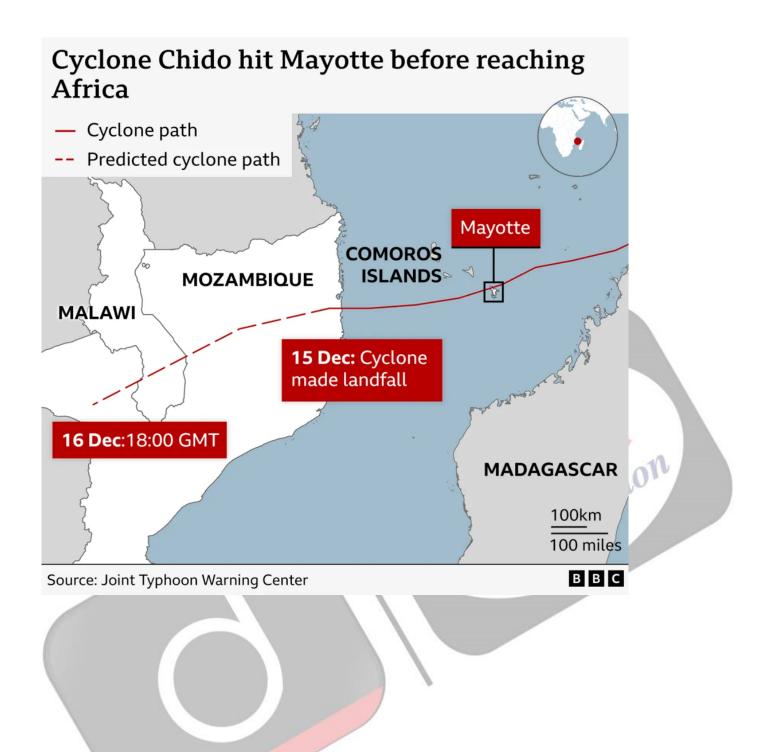
Source: DTE

Recently, <u>Cyclone</u> Chido hit Mayotte, a <u>French Indian Ocean territory</u>, located in the <u>Mozambique</u> Channel (Indian Ocean).

About Mayotte:

- It consists of two islands of the Comoros archipelago, with the main island called Mayotte (or Grande Terre) and the smaller island Pamandzi (Petite Terre).
- It is the **poorest territory** in both France and the European Union.
- France colonised Mayotte in 1843 and annexed the whole archipelago, including Comoros, in 1904.
 - In a **1974 referendum**, 95% backed separation but 63% of Mayotte voted to stay French.
 - **Grande Comore, Anjouan and Moheli** declared independence in 1975. Mayotte is still ruled from Paris.







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Cyclones are rapid **inward** air circulation around a **low-pressure** area.

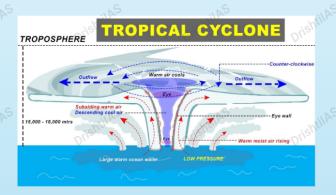


Cyclone v/s Anticyclone

Pressure System	Pressure Condition at the Center	Pattern of Wind Direction	
		Northern Hemisphere	Southern Hemisphere
Cyclone	rish ^{ilAS} Drish ^{ilAS}	Anticlockwise	Clockwise
Anticyclone	High	Clockwise	Anticlockwise

Classification

- Tropical Cyclones;
 originate between the
 Tropics of Capricorn and
 Cancer
- Extra Tropical/ Temperate
 Cyclones; originate in the
 Polar Regions



Conditions for Formation

- Large sea surface with temperature >27° C.
- Presence of the Coriolis force
- Small variations in the vertical wind speed
- A pre-existing weak low- pressure area
- Upper divergence above the sea level system

Different Names for Tropical Cyclones

- Typhoons Southeast Asia and China
- Hurricanes North Atlantic and eastern Pacific
- Tornados West Africa and southern USA
- Willy-willies Northwest Australia
- Tropical Cyclones Southwest Pacific and Indian Ocean

Nomenclature

- Nodal Authority World Meteorological Organization (WMO)
- Indian Ocean Region Bangladesh, India, Maldives, Myanmar, Oman, Pakistan, Sri Lanka and Thailand contribute to naming cyclones that occur in this region.

Cyclones in India

- Bi-annual Cyclone Season March to May and October to December
- Recent Cyclones Tauktae, Vayu, Nisarga and Mekanu (in Arabian Sea) and Asani, Amphan, Fani, Nivar, Bulbul, Titli, Yaas and Sitrang (in Bay of Bengal)

Read More: Cyclone, Chagos Archipelago and Diego Garcia Island

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