



## Cyclone Chido in Mayotte

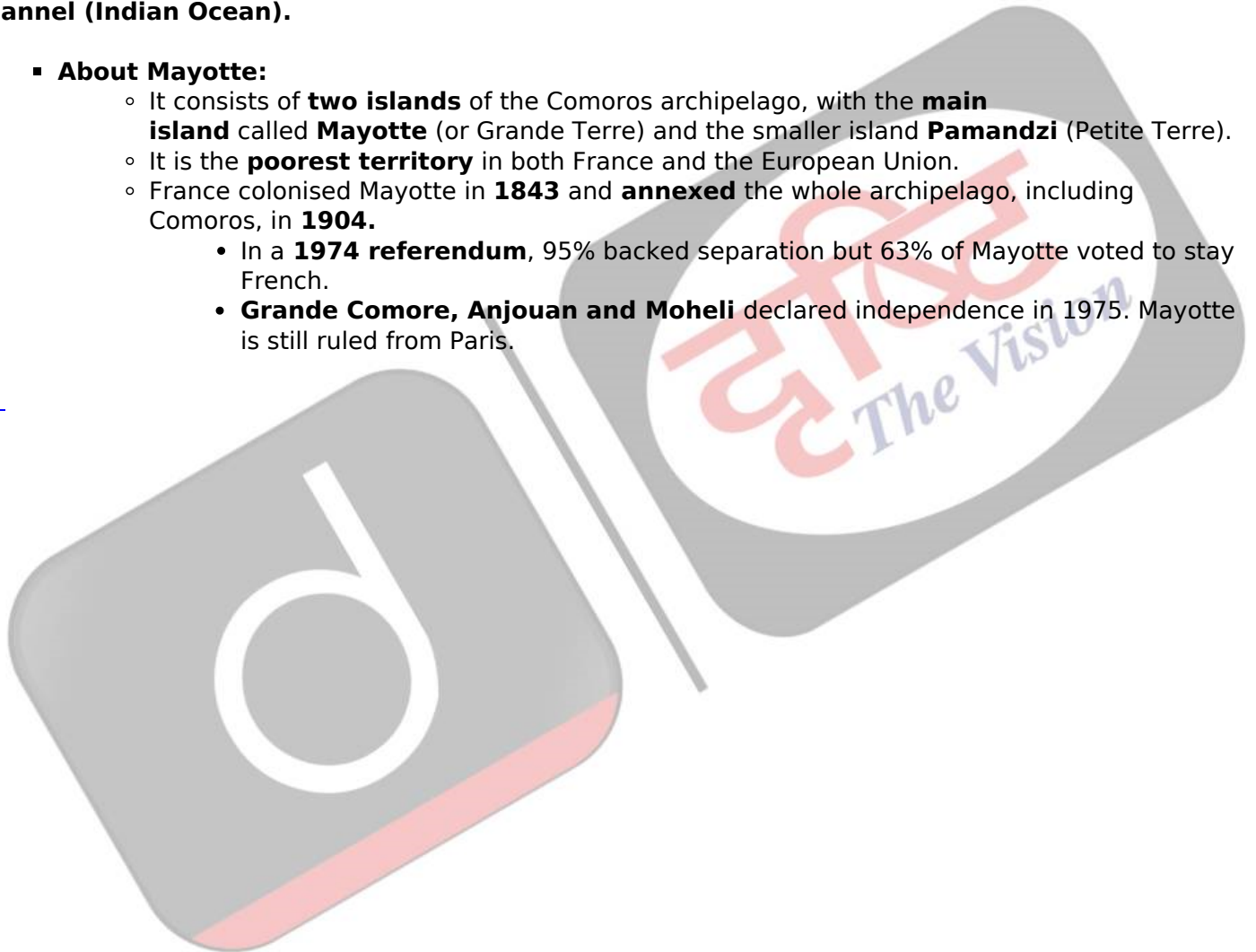
[Source: DTE](#)

Recently, [Cyclone Chido](#) hit Mayotte, a [French Indian Ocean territory](#), located in the **Mozambique Channel (Indian Ocean)**.

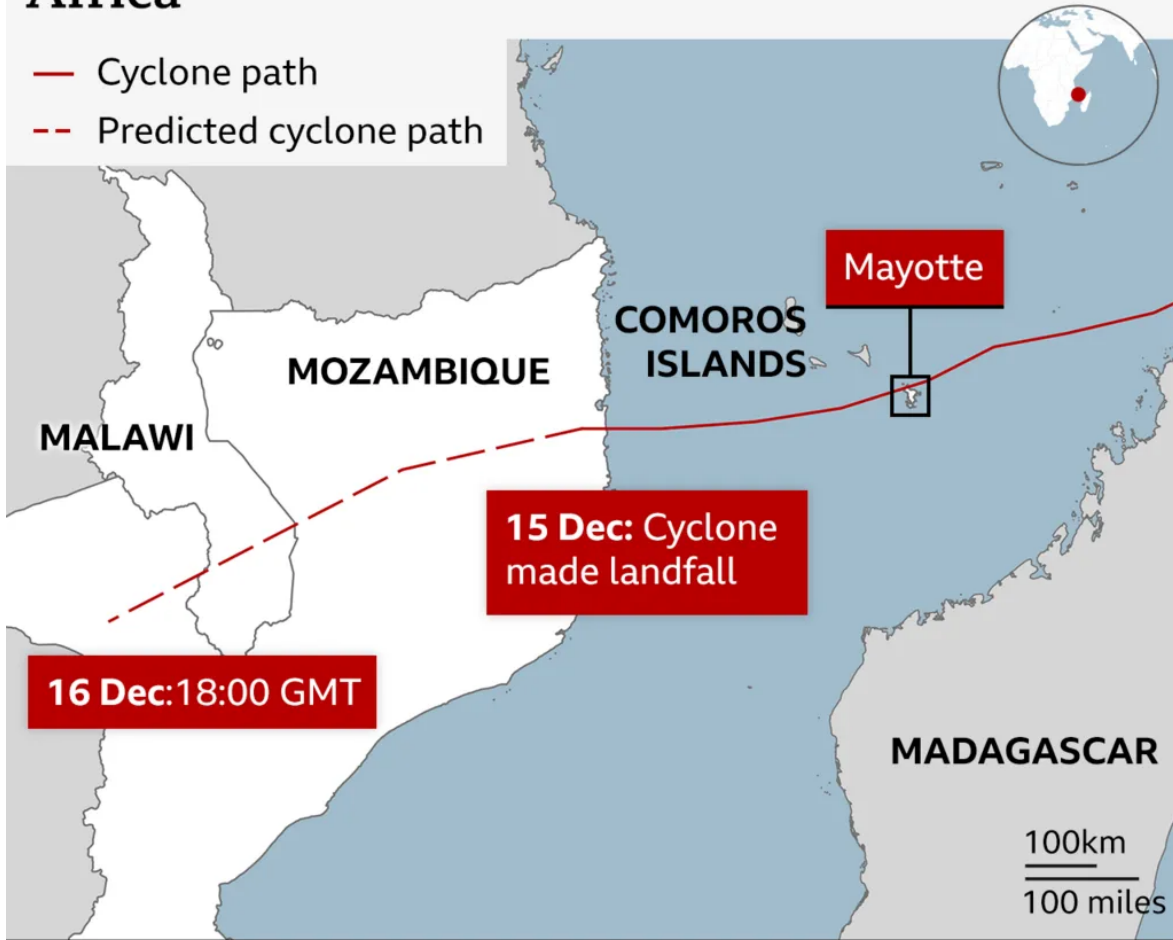
### ▪ About Mayotte:

- 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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# Cyclone Chido hit Mayotte before reaching Africa

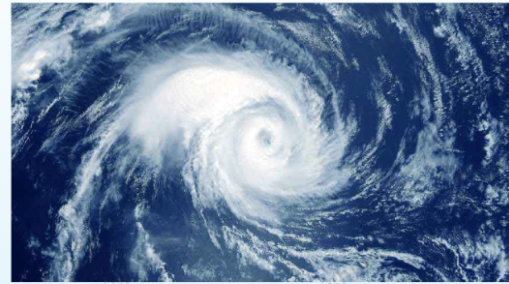


Source: Joint Typhoon Warning Center

BBC

# CYCLONE

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

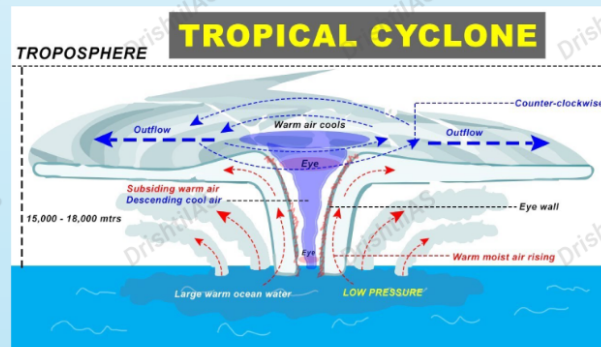


## Cyclone v/s Anticyclone

Pressure System	Pressure Condition at the Center	Pattern of Wind Direction	
		Northern Hemisphere	Southern Hemisphere
Cyclone	Low	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  $>27^{\circ}\text{C}$ .
- 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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