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Impact of Cyclone MICHAUNG



Context:

- The Cyclonic Storm “**MICHAUNG** ” (pronounced as **MIGJAUM**) occurred over Southwest & adjoining West Central Bay of Bengal.
- It has adversely hit Andhra Pradesh and TamilNadu states.

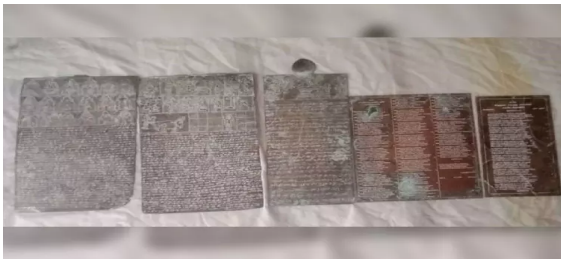
Key points:

- **Cyclone Impact:** Cyclone Michaung has caused several deaths in Chennai, leading to **waterlogging and power outages in multiple areas.**
- **Emergency Funding:** Chief Minister MK Stalin seeks urgent **₹5,000 crore** from the Indian government for immediate relief and restoration, to be raised by DMK MPs in Parliament.
- **Localized Challenges:** Residents in various areas **face rising water levels, lack of rescue assistance, and prolonged power outages.**
- **Infrastructure Impact:** Roads are flooded, fallen trees obstruct some areas, and water stagnation affects thousands of residents along the **Buckingham Canal**, leading to property damage and safety concerns.

Scenario of Inundation of core city:

- There is continuous and simultaneous rain in the core city as well as catchment areas of waterbodies.
- As the cyclone lies close to the sea, water from the rivers is not getting an easy passage at estuary points, resulting in reverse flow.
- Only if river water manages to flow into the sea via estuaries, will water drain via storm water drains.

5 copper plate charters found at Kutralanathar Temple



Context:

- **Five ancient copper plates** were found in **Arulmigu Kutralanathar Swamy Temple**, located in Courtallam of Tenkasi district.
- This **rare discovery** of these five copper plate charters **belongs to the period of Azhagan Perumal Parakrama Pandyan of the Pandya Kingdom**

Avians spotted in abundance at Vaduvvoor bird sanctuary

Context:



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- The **Vaduvloor Bird Sanctuary** has started witnessing arrival of the avians from **Russia, Siberia, Myanmar, China, Malaysia and the Arctic region**
- The season is at its peak in the sanctuary for **migratory birds** as well as **local species** for its availability of feeding is in abundance.

About:

- Vaduvloor Bird Sanctuary is **composed of small man-made reservoirs** interconnected by an ancient network of canals and fed by the sub canals in **Tiruvarur recharged through the Mettur reservoir.**
- The place provides habitat for around **158 bird species**, including **spot-billed pelican, black-headed ibis, Eurasian wigeon and northern pintail.**

Vedaranyam sees surge in winged visitors



Context:

- The **torrential rains** battering the State particularly in the Delta region has **witnessed a surge of winged visitors at Point Calimere bird sanctuary in Vedaranyam.**
- About **twenty to thirty thousand migratory birds** were said to have **flocked the Point Calimere bird sanctuary** in the past few days **owing to the rain factor which induces the availability of worms, insects, and saline microorganism** preyed by the water birds in swampy lands.

Cauvery, Pennar in TN Vulnerable to alien fish species

Context:

- A recent study has **warned that the Cauvery and Pennar River basins in Tamil Nadu are vulnerable to Invasive Alien Fish species (IAF)**
- It is **due to the changing climate as well as the interlinking of rivers**
- The **vulnerability of invasion by IAF has been identified in:**
 1. **Cauvery River basin** - Karnataka and Tamil Nadu
 2. **Pennar River basin** - Andhra Pradesh and Tamil Nadu
 3. **Krishna River basin** - Karnataka and Telangana.



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