

Cyclone Burevi

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In news

Cyclone Burevi to cross Tamil Nadu on 4th December

About Cyclone Burevi

- **Origin:** As per India Meteorological Department (IMD), Cyclone Burevi is likely to emerge into the Gulf of Mannar and the adjoining Comorin area on 3rd December, after crossing the Sri Lankan coast on 2nd December
- Cyclone is likely to cross south Tamil Nadu, between Kanniyakumari and Pamban
- IMD also stated that the Cyclone may largely impact the southern parts of the State and bring fairly widespread rain till 5 December
- It also informed that Burevi may take the same route as Cyclone Ockhi, which impacted Sri Lanka, the southern parts of Tamil Nadu and Kerala in 2017.
- IMD has given yellow alert, updating the authorities on the approaching weather disturbances
- According to the IMD it will cross as a cyclonic storm over the Tamil Nadu coast and weaken.
- Squally winds, with speeds reaching 45-55 kmph and gusting to 65 kmph, are likely over the Comorin area, Gulf of Mannar and the south Tamil Nadu coast on Wednesday noon. This may gradually increase to 70-80 kmph, gusting to 90 kmph, from next day

How are tropical cyclones named ?

- Cyclones that form in every ocean basin across the world are **named by the regional specialised meteorological centres (RSMCs) and Tropical Cyclone Warning Centres (TCWCs).**

- There are six RSMCs in the world, including the India Meteorological Department (IMD), and five TCWCs.
- As an RSMC, the IMD names the cyclones developing over the north Indian Ocean, including the Bay of Bengal and Arabian Sea, after following a standard procedure.
- The IMD is also mandated to issue advisories to 12 other countries in the region on the development of cyclones and storms.

When was the naming of cyclones started?

- **In 2000, a group of nations called WMO/ESCAP (World Meteorological Organisation/United Nations Economic and Social Commission for Asia and the Pacific)**, which comprised Bangladesh, India, the Maldives, Myanmar, Oman, Pakistan, Sri Lanka and Thailand, decided to start naming cyclones in the region.
- After each country sent in suggestions, the WMO/ESCAP Panel on Tropical Cyclones (PTC) finalized the list.

The naming of cyclones over North Indian Ocean

- **The names of cyclones in the Bay of Bengal, the Indian Ocean and the Arabian Sea are decided by eight countries.**
- Each of them lists out eight names which are approved by the weathermen of these countries. So each time the list has 64 names. The countries take turns to name the cyclones.
- **The first cyclone named by India was Agni, in 2004,**
- The 13 names in the recent list that have been suggested by India include Gati, Tej, Murasu, Aag, Vyom, Jhar (pronounced Jhor), Probaho, Neer, Prabhanjan, Ghurni, Ambud, Jaladhi and Vega.
- **The countries that get to name the cyclones are** India, Pakistan, Oman, Myanmar, Bangladesh, Maldives, Sri Lanka and Thailand