



Intense Rain Warning by IMD | Madhya Pradesh | 26 Aug 2024

Why in News?

Recently, [the India Meteorological Department](#) has **warned of heavy to extremely heavy rainfall** in parts of **Madhya Pradesh, Rajasthan and Gujarat, Goa and Maharashtra.**

Key Points

- They have advised fisherfolk to avoid venturing into [the Arabian Sea](#) and [Bay of Bengal](#).
 - Small ships and exploration and production operators have been asked to **monitor weather developments** and take necessary precautions.
- People are recommended to **avoid locations susceptible to waterlogging** and check for traffic alerts before commuting.
- Farmers in the impacted regions should **ensure adequate drainage in their fields** and offer support to their crops.
 - There is a **risk of landslides** and **damage to horticultural crops** due to inundation in the affected regions.

India Meteorological Department

- IMD was **established in 1875**. It is the **National Meteorological Service** of the country and the principal government agency in all **matters relating to meteorology and allied subjects**.
- It works as an **agency of the Ministry of Earth Sciences** of the Government of India.
- It is headquartered in **New Delhi**.
- IMD is also one of the **six Regional Specialized Meteorological Centres** of the [World Meteorological Organization](#).

New Ramsar Site in Madhya Pradesh | Madhya Pradesh | 26 Aug 2024

Why in News?

Recently, the centre declared the [Tawa Reservoir](#) in **Madhya Pradesh** as a new [Ramsar Site](#).

Key Points

- **The Tawa Reservoir:**
 - It is situated at the confluence of the **Tawa and Denwa rivers** near **Itarsi town**, was originally built for irrigation and now also supports power generation and aquaculture.
 - The reservoir lies within **the Satpura Tiger Reserve**, bordering the [Satpura National](#)

Park and Bori Wildlife Sanctuary.

- **River Malani, Sonbhadra, and Nagdwari** are the major tributaries of the Tawa reservoir.
- The **Tawa River**, a left-bank tributary of Narmada river, originates in **the Mahadeo Hills of Chhindwara district**, flows through **Betul district**, and meets the **Narmada River** in Narmadapuram district.
 - **It is the longest tributary of the Narmada river.**
- The reservoir hosts **Spotted deer** and **Painted Stork**.

The Ramsar Convention

- The **Ramsar Convention** is an international treaty signed in 1971 in Ramsar, Iran, under the auspices of **UNESCO**, aimed at conserving wetlands of international importance.
 - In India, **it came into force on 1st February 1982**, under which wetlands of international importance are declared as Ramsar sites.
- **Montreux Record** is a register of **wetland sites** of International Importance where **changes in ecological character have occurred, are occurring, or are likely to occur** as a result of technological developments, pollution or other human interference.
 - It is maintained as part of the **Ramsar List**.

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