TN Govt to Set Up 1,000 Automatic Rain Gauges Across State

The Tamil Nadu government announced setting up 1,000 additional automatic rain gauges following IMD's forecast of normal to above-normal Northeast Monsoon.

Automatic Rain Gauges (ARGs) are automated meteorological instruments that measure rainfall intensity and continuously transmit real-time data for disaster mitigation.

KEY EXAM POINTS

- The Tamil Nadu government plans to add **1,000** more **automatic rain gauges** across the State during the current financial year.
- The decision follows the **India Meteorological Department** forecast of normal to above-normal rainfall during the **Northeast Monsoon** over southern Tamil Nadu and Kerala.
- The **Tamil Nadu Disaster Risk Reduction Agency** has identified approximately **2,000** flood-vulnerable locations across the State.
- Location-specific **disaster mitigation plans** have been prepared for these flood-vulnerable zones to ensure swift emergency response.
- Senior officials from Disaster Management and IMD reviewed preparedness during the North East Monsoon Seasonal Outlook Forum 2026 in **Chennai**.

DID YOU KNOW..!?

The **Northeast Monsoon** from October to December is the primary rainy season for Tamil Nadu, yielding nearly **48%** of its annual rainfall.

The India Meteorological Department was established in **1875** and operates under the **Ministry of Earth Sciences**.

The Tamil Nadu State Disaster Management Authority was constituted under the **Disaster Management Act, 2005**, with the **Chief Minister** as Chairperson.

The **Tamil Nadu Disaster Risk Reduction Agency** functions as the nodal execution body for state-level risk reduction schemes.

Southwest Monsoon from June to September leaves Tamil Nadu in a rain-shadow region due to the **Western Ghats** barrier.

REVISION FLASHCARD

TN to install 1,000 automatic rain gauges across 2,000 flood-vulnerable sites for Northeast Monsoon.

Syllabus Relevance: Highly relevant for Unit 3 (Geography - Climate & Monsoon) and Unit 9 (TN Administration - Disaster Management).

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