

Mission Mausam

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Mission Mausam Latest News

The Indian Meteorological Department (IMD) will install four additional radars under Mission Mausam in Jammu & Kashmir for more accurate, district wise specific weather forecasts.

About Mission Mausam

- It was launched by the **Ministry of Earth Sciences** in 2024.
- It is implemented by the **India Meteorological Department (IMD)**, the **National Centre for Medium-Range Weather Forecasting (NCMRWF)**, and the **Indian Institute of Tropical Meteorology (IITM)**.
- It aims to improve **weather and climate services**, ensuring timely and **precise observation**, modeling, and forecasting information for multiple sectors, including agriculture, disaster management, and rural development.

Objectives of Mission Mausam

- To enhance **India's capability in weather forecasting** across various scales—short-term, medium-term, extended-range, and seasonal
- To develop **high-resolution models** for improved accuracy in predicting monsoon behaviour
- To strengthen **observational networks with advanced radars**, satellites, and automated weather stations
- To provide **actionable advisories** for agriculture, water resources, energy, health, and disaster management sectors
- To **build capacity through research collaborations** with national and international institutions

Significance of Mission Mausam

- It marks a transformative milestone in India's efforts to **address climate variability** and its far-reaching socio-economic impacts.
- It **supports sustainable development** while safeguarding lives, livelihoods, and critical infrastructure.

Source: PIB

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