

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 1631
ANSWERED ON 13/03/2025

**RAISING PUBLIC AWARENESS REGARDING METEOROLOGY AND
CLIMATOLOGY**

1631. # SMT. MAYA NAROLIYA:
DR. BHIM SINGH:

Will the Minister of **EARTH SCIENCES** be pleased to state:

- (a) whether there is any plan or Government proposes to integrate meteorology awareness programmes in the academic curriculum to increase public awareness about meteorology and climatology, if so, the details thereof; and
- (b) the details of awareness campaigns conducted in universities, schools and institutions on this subject in the State of Madhya Pradesh and Bihar and the assistance provided to the organizations that organize programmes in the States of Madhya Pradesh and Bihar?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a) The Ministry of Earth Sciences (MoES) has been continuously working to increase awareness amongst the public, students, academicians, and user communities about the various fields of the Earth System (Atmosphere, Hydrosphere, Lithosphere, Cryosphere, and Biosphere) Sciences. Further, meteorology and climatology education in schools and colleges equip students with the knowledge to understand weather patterns, climate change, and their societal impacts. So, school and college curricula included chapters and courses about various severe weather events like cyclones, thunderstorms, heavy rainfall, etc., that are impacting various parts of the country. In addition, frequently asked questions (FAQs) provide information regarding the natural hazards and their impacts, safety preparedness with Do's & Don'ts, and steps to be followed by all concerned before and during such disasters. It also promotes Information, Education, and Communication (IEC) materials prepared by the India Meteorological Department (IMD), the National Disaster Management Authority (NDMA), etc., which are used to spread awareness and change behaviors. They can include posters, leaflets, brochures, and social media posts.
- (b) The details of awareness campaigns conducted in the State of Madhya Pradesh (MP) and Bihar in recent years are given below:-

Details of different awareness programs conducted by the State Meteorological Centre (MC):

- Around 1000 and 500 students from various schools visited the Meteorological Centers in Bhopal and Patna respectively during last year.

- Various faculty trainings were conducted for different stakeholders during last year in MC Bhopal and MC Patna (around 100 each)
- Number of internships provided to different students on meteorology-10 to 11
- Industrial visits to MC Bhopal and MC Patna from different colleges to enhance their knowledge of meteorology – 1000 students (Approx.) each.

Details of participation of MC Bhopal and MC Patna in various outreach programs, exhibitions, and Melas in the last 2 years:

- 5th National symposium on agriculture Meteorology - 2023
- Bhopal Vigyan Mela – 2023 & 2024
- Mahakoshal Vigyan Mela, Jabalpur - 2024
- Science Fiesta (Regional Science Centre Bhopal)- 2023 & 2024
- Malaviya Mission Teacher Training Programme, Patna University – 2024, 2025
- Kisan Mela, organized by Parivartan Sansthan—2023, 2024, and 2025
- Bihar Climate Action Conclave by the Department of Environment, Forest & Climate Change—2024.
- Bihar Climate Expo by Bihar State Pollution Control Board, Patna – 2024.
- Quiz Contest and Painting Competition organized in Patna for school students – 2025.
- The National Meteorological Olympiad—2025—received extensive publicity from students in Classes 9 to 12.

Details of the presence of weather stations in various schools and colleges for awareness:

- Patna Women's College, Patna (manual as well as automatic weather station)
- Delhi Public School, Danapur
- Baldwin Academy, Patna
- Manav Bharti School, Patna
- Bihar Agriculture College, Sabour. (Class I Observatory, Agromet Observatory, and Automatic Weather Station)
- Rajendra Prasad Central Agriculture University (RPCAU) Pusa Class I Observatory, Agromet Observatory, and Automatic Weather Station)
- Dr. Kalam Agricultural College, Kishanganj
- Veer Kunwar Singh College of Agriculture, Dumraon, Buxar
- All Krishi Vigyan Kendra
