

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 362
ANSWERED ON 28/11/2024

STEPS TO INCREASE THE WEATHER RADARS IN THE COUNTRY

362. # DR. KALPANA SAINI:
SHRI BABURAM NISHAD:

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

- (a) whether Government has taken steps to increase the number of weather radars in the country to enhance the accuracy of forecasting system under the Mission Mausam, if so, the details thereof;
- (b) the objectives of Mission Mausam; and
- (c) whether Government is making efforts to quickly provide weather information to the public?

ANSWER

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

- (a) Yes. The newly launched Mission Mausam is intended to augment the Doppler Weather Radar (DWR) network across the country for complete radar coverage and to enhance the accuracy of the weather forecasting system. Supply order for 34 nos. DWRs have already been placed, and additionally, the Expenditure Finance Committee (EFC) has approved the procurement of 53 more DWRs.
- (b) Mission Mausam is launched to make Bharat a "weather-ready and climate-smart" nation, with the following objectives:
 - Strengthening observations (in-situ & Remote sensing) and improved model capability to be able to plan and protect life and property from extreme and high-impact weather
 - Gaining a better understanding and use of Science, Innovation and Technology, and Data Science for societal benefit
 - Improve our Model/Data Assimilation/HPC for giving accurate information to the public and stakeholders (Numerical + AI/ML)
 - Trained Manpower in Earth System Science for today and tomorrow
 - Forecast dissemination: Effective communication with Society: Early Warning for ALL

(c) Yes. India Meteorological Department (IMD) is making efforts to provide weather information to the public through various platforms:

- Mass Media: Radio/TV, News Paper network (AM, FM, Community Radio, Private TV), Prasar Bharati and private broadcasters
- Weekly & Daily Weather Video
- Internet (e-mail), FTP
- Public Website (mausam.imd.gov.in)
- IMD Apps: Mausam/Meghdoot/DAMIN/RAIN ALARM
- Social Media: Facebook, Twitter, Instagram, BLOG

- i. X: <https://twitter.com/Indiametdept>
- ii. Facebook: <https://www.facebook.com/India.Meteorological.Department/>
- iii. Blog: <https://imdweather1875.wordpress.com/>
- iv. Instagram: https://www.instagram.com/mausam_nwfc
- v. Youtube:
https://www.youtube.com/channel/UC_qxTReoq07UVARm87CuyQw
