

# Dr. Jitendra Singh Reviews Mission Mausam and Other Projects of IMD, Pushes for Enhanced Weather Forecasting

## India to Expand Doppler Radar Network for Better Weather Forecasting: Dr. Jitendra Singh

## Dr. Jitendra Singh Directs IMD to Boost Public Outreach of Weather Alerts via Social Media

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Union Minister of State (Independent Charge) for Science and Technology; Earth Sciences and Minister of State for PMO, Department of Atomic Energy, Department of Space, Personnel, Public Grievances and Pensions, Dr. Jitendra Singh, reviewed the progress of key meteorological initiatives, including "Mission Mausam", pushed for enhanced weather forecasting and assessed the status of Doppler Weather Radar (DWR) installations across India.



Dr. Jitendra Singh underscored the importance of real-time and impact-based weather forecasting, emphasizing that no weather hazard should go undetected or unpredicted. The expanding Doppler Weather Radar network of the India Meteorological Department (IMD) was a key highlight, with the Minister

reviewing site selections for upcoming installations in Bengaluru, Raipur, Ahmedabad, Ranchi, Guwahati, Port Blair, and other locations.

With 73 Doppler Weather Radars set to be operational by 2025-26 and 126 by 2026, the network aims to enhance India's capability in tracking extreme weather events, benefiting disaster response teams and the general public, the Minister was informed.



The Minister also instructed IMD to strengthen public outreach by leveraging social media for disseminating timely weather forecasts and warnings. Stressing the need for better citizen engagement, he directed officials to explore digital platforms and mobile applications such as Mausam, Meghdoot, and Umang, which provide weather updates and agro meteorological advisories.

Dr. Jitendra Singh reiterated the government's commitment to modernizing weather monitoring systems, highlighting the role of satellite meteorology, numerical weather prediction models, and radar-based forecasting in enhancing accuracy. The meeting also reviewed financial allocations and pending approvals for weather infrastructure projects, ensuring steady progress in India's meteorological advancements.

With extreme weather events becoming more frequent, the government's focus on expanding radar coverage and improving dissemination mechanisms marks a crucial step in safeguarding lives and livelihoods. The discussion at the review meeting set the stage for faster implementation of weather monitoring projects, reinforcing India's leadership in climate resilience and disaster preparedness.

The review meeting, attended by Secretary, MoES, Dr. M. Ravichandran, DG, IMD Dr. Mrutyunjay Mohapatra and other senior IMD officials, focused on improving weather forecasting accuracy and expanding outreach to the public.

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