



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

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**Subject: Launch of Weather Forecast at Gram Panchayat Level**

India Meteorological Department (IMD), Ministry of Earth Sciences (MoES), in collaboration with Ministry of Panchayati Raj (MoPR) has launched **Gram Panchayat-Level Weather Forecast** – on **24<sup>th</sup> October 2024** at **Vigyan Bhawan, New Delhi**.

The launch was graced by the presence of **Shri Rajiv Ranjan Singh alias Shri Lalan Singh, Hon'ble Minister of Panchayati Raj, Dr. Jitendra Singh, Hon'ble Minister of State (Independent Charge) for Science and Technology & Earth Sciences and Prof. S. P. Singh Baghel, Hon'ble Minister of State for Panchayati Raj** along with **Shri Vivek Bharadwaj, Secretary, Ministry of Panchayati Raj, Dr. M. Ravichandran, Secretary, Ministry of Earth Sciences, Dr. M. Mohapatra, Director General of Meteorology, India Meteorological Department, Shri Alok Prem Nagar, Joint Secretary, Ministry of Panchayati Raj** and other senior officials from the Ministries of Panchayati Raj, Agriculture, Rural Development, National Disaster Management Authority (NDMA), Department of Science and Technology (DST), IMD and other key stakeholders.

With this initiative, daily gram panchayat-level forecasts will be available for nearly all 2.6 lakh panchayats across India, covering crucial weather parameters such as temperature, rainfall, relative humidity, wind and cloud cover. The forecasts will be disseminated through the Ministry's digital platforms: like **Mausamgram of IMD and e-GramSwaraj and Meri Panchayat app of Ministry of Panchayati Raj**.

The **Mausamgram** is a noble initiative aiming at “**HAR HAR MAUSAM HAR GHAR MAUSAM**” (weather information at each house hold at any time). It is a path breaking initiative developed indigenously by IMD to provide location specific forecast at Gram Panchayat level. It will provide weather forecast hourly up to 36 hours, 3-hourly from 36 hrs to next five days and every 6-hourly from next 5 days to 10 days. These timely updates will empower the common man including farmers for utilising weather information in their daily life and hence improve socio economic condition and ease of living. The farmers can utilize this information to take decisions about agricultural processes like sowing, harvesting,

irrigation, fertilizer/ pesticide applications etc. It will also reduce the loss of life and property from the meteorological disasters. The application launched today will be further augmented with the implementation of flagship programme, **Mission Mausam** approved by Union Cabinet for implementation during 2024-26.

This endeavour, is a significant stride toward boosting local-level governance and cultivating climate-resilient villages. In view of recent weather pattern, the introduction of weather forecast at the Gram Panchayat level will serve as a crucial tool in safeguarding agricultural livelihoods and enhancing rural preparedness against natural disasters. Furthermore, SMS alerts on weather warning will also be sent to Panchayat representatives regarding extreme weather events like cyclones and heavy rainfall, ensuring immediate action to protect lives, crops, and property. This endeavour is a transformative step toward building climate-resilient communities at the grassroots level.

The launch program was also attended by more than 200 participants, including Elected Representatives of Panchayati Raj Institutions like Sarpanch, Ward Member, Village Secretary and State Panchayati Raj officials. The gathering was trained and equipped by IMD and MoPR officials with the skills to explore the available weather forecast at different spatial and temporal resolution.

