GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
**RAJYA SABHA**
**UNSTARRED QUESTION NO. 1630**
ANSWERED ON 13/03/2025

**GRAM PANCHAYAT LEVEL WEATHER FORECASTING (GPLWF)**

1630.  SHRI NARAYANA KORAGAPPA:

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

(a)     whether it is a fact that Government has launched Gram Panchayat Level Weather Forecasting (GPLWF) initiative recently;
(b)     if so, aims and objectives of the GPLWF;
(c)     to what extent GPLWF helps farmers to have access to localized weather information; and
(d)     the number of days prior weather forecast GPLWF would provide to farmers?

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

(a)     Yes. The Ministry of Earth Sciences (MoES) recently launched the Gram Panchayat Level Weather Forecasting (GPLWF) initiative. The India Meteorological Department (IMD), in collaboration with the Ministry of Panchayati Raj (MoPR), launched the GPLWF for nearly all Gram Panchayats in India on 24th October 2024. These forecasts are accessible on digital platforms such as e-Gramswaraj (https://egramswaraj.gov.in/), the Meri panchayat app, e-Manchitra of MoPR, and Mausamgram of IMD (https://mausamgram.imd.gov.in/).

(b)     The main aims and objective of the GPLWF are to provide weather forecasts upto Gram Panchayat Levels covering critical parameters such as temperature, rainfall, humidity, wind, and cloud conditions—essential data that farmers need for informed decision-making regarding sowing, harvesting, and irrigation. The platform makes weather forecast information accessible anytime and anywhere at the panchayat level across the country. Attempts have been made to reach a larger number of people for this weather information through Pashu Sakhis and Krishi Sakhis under the Ministry of Agriculture and Farmers Welfare and the Ministry of Rural Development.

(c)-(d) The GPLWF helps farmers to have access to localized weather information available hourly for up to 36 hours lead period, 3-hourly from 36 hours to the next five days, and every 6-hourly from the next 5 days to 10 days. The forecast covers crucial weather parameters such as temperature, rainfall, relative humidity, wind, and cloud cover.

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