MAUSAMGRAM
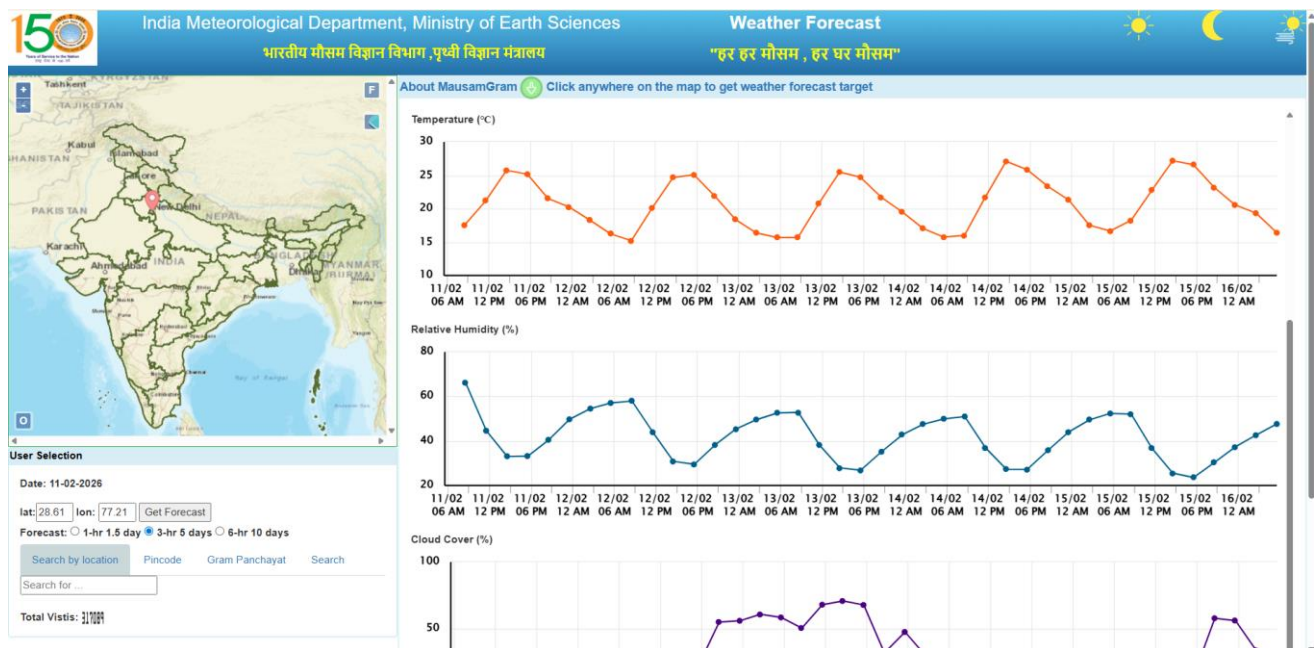## "Har Har Mausam, Har Ghar Mausam"

USER MANUAL

Version 1.0

Indian Meteorological Department (IMD)
Ministry of Earth Sciences, Government of India

MausamGram is a hyper-local weather forecast portal developed by the India Meteorological Department (IMD) to provide accurate and location-specific weather information at the grassroots level. The portal delivers forecasts and warnings for villages, towns, districts, and PIN code areas across India, ensuring last-mile connectivity for critical meteorological services. Designed to support administrators, disaster managers, farmers, and the general public, MausamGram enables users to access detailed weather forecasts, alerts, and warning tailored to their specific location, thereby enhancing preparedness and informed decision-making at the local level.
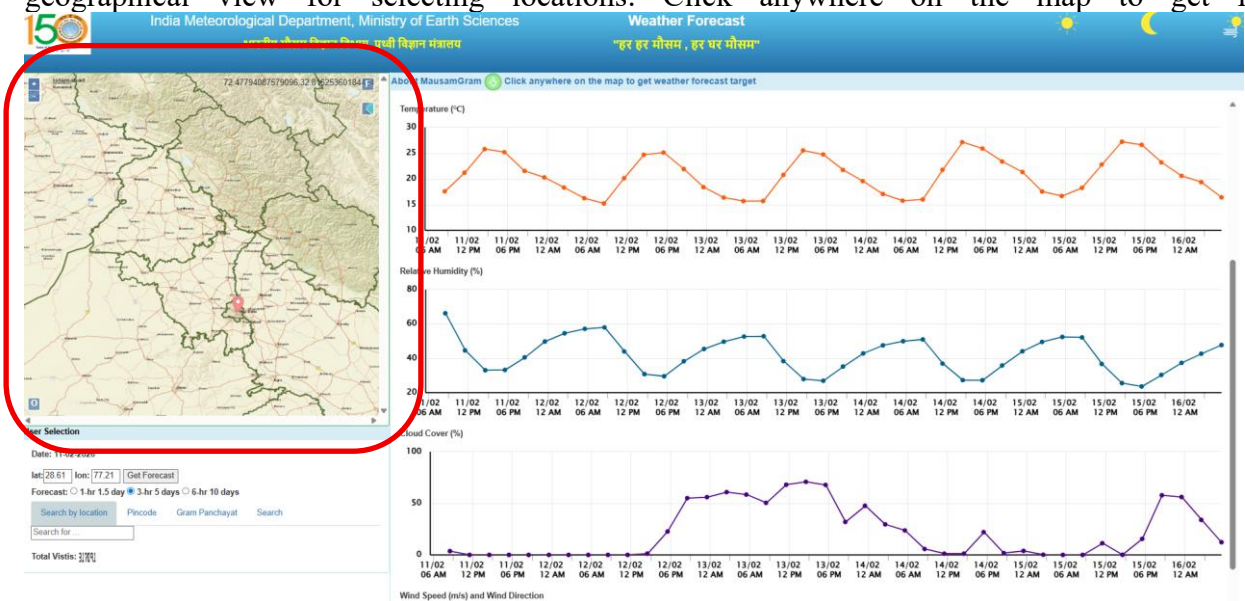
1. Go to https://imdgeospatial.imd.gov.in/ and click on "**MausamGram**"
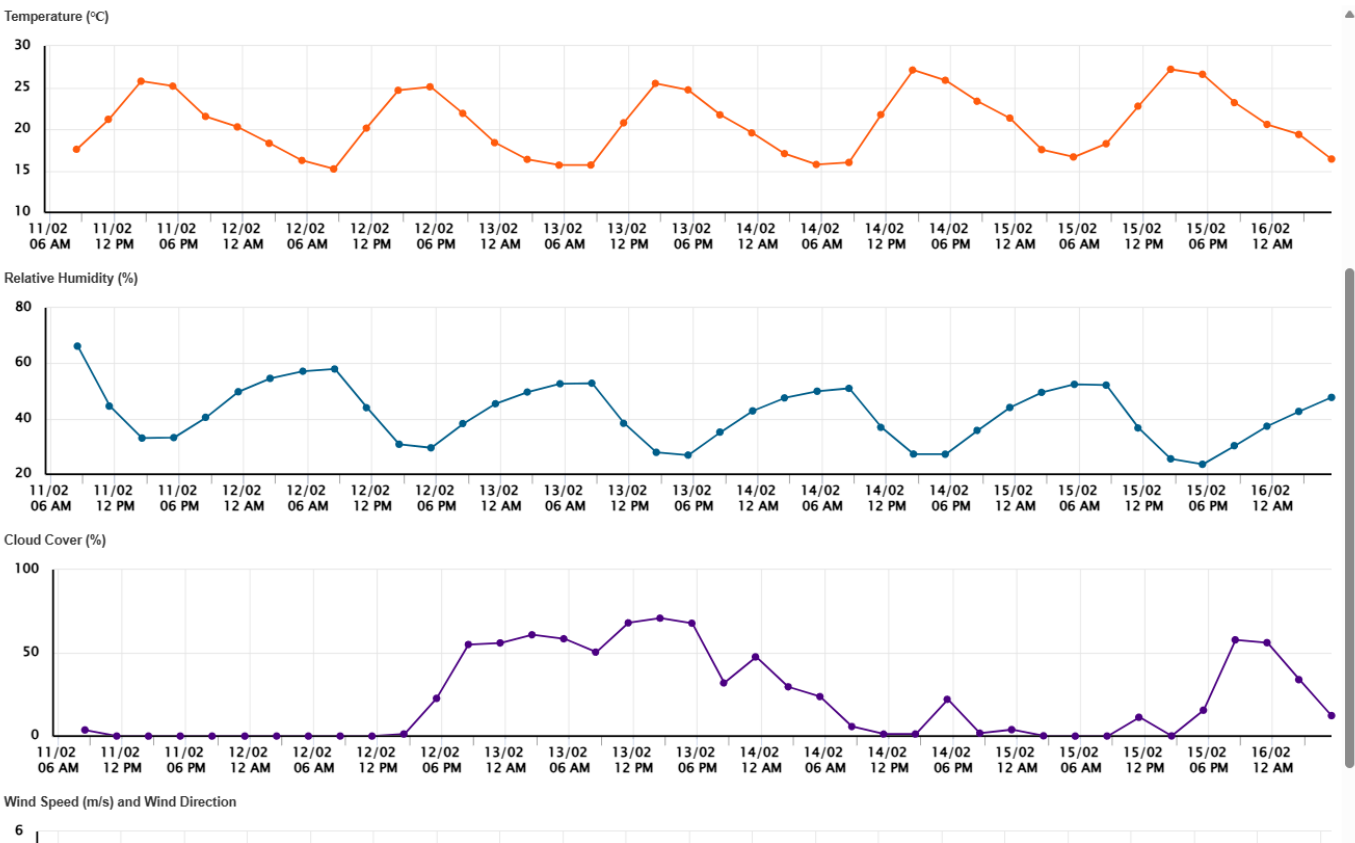

2. Open a web browser, user may also Google "MausamGram" or go to the link https://mausamgram.imd.gov.in/. User will land t the home page as shown below.

3.The Home Page of the system is designed with a user-friendly and intuitive layout to facilitate easy access to information. The left side of the screen contains the Map Panel. The Map Panel provides a geographical view for selecting locations. Click anywhere on the map to get forecast.

4.On the right side of the Home Page, important meteorological parameters (Rainfall, Temperature, and Relative humidity, Cloud Cover, Wind speed and Wind Direction) are displayed in graphical format. These parameters are presented in charts to enable quick visualization, better interpretation, and comparative analysis of weather conditions.

5.To view the desired forecast, navigate to the **User Selection Panel** available on the left side of the Home Page. From this panel, users can select the required location and choose the forecast time resolution as per availability. The system provides:

Hourly forecasts (1-hour interval) for up to **1.5 days**,

3-hourly forecasts for the next **5 days**, and

6-hourly forecasts for up to **10 days**.

User Selection

Date: 11-02-2026

lat: 28.61   lon: 77.21   Get Forecast
Forecast: ○ 1-hr 1.5 day ⦿ 3-hr 5 days ○ 6-hr 10 days

| Search by location | Pincode | Gram Panchayat | Search |

Search for ...

Total Vistis: 3|7|0|9|

6.Users can search and select a location by entering **latitude and longitude**, or by typing the **location name, pincode, or Gram Panchayat name** in the search field. Once the location is selected, the system automatically updates the forecast display and corresponding charts based on the chosen time interval. This feature ensures flexibility and ease of access to location-specific weather information.

User Selection

Date: 11-02-2026

lat: 28.61   lon: 77.21   Get Forecast
Forecast: ○ 1-hr 1.5 day ⦿ 3-hr 5 days ○ 6-hr 10 days

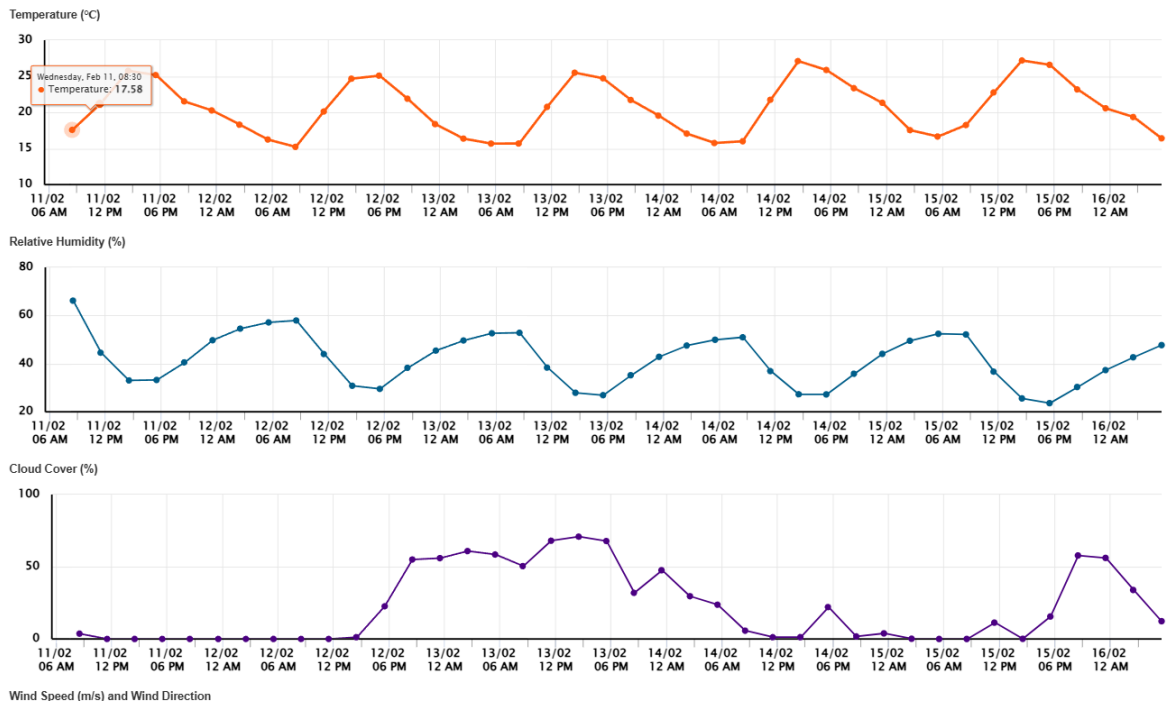| Search by location | Pincode | Gram Panchayat | Search |

Search for ...

Total Vistis: 3|7|0|9|

7.Enter any latitude or longitude in the given option, then click on the get forecast button to get the weather forecast.

Date: 11-02-2026

lat: 28.61   lon: 77.21   Get Forecast

Temperature (°C)

Relative Humidity (%)

Cloud Cover (%)

Wind Speed (m/s) and Wind Direction

8. The "Search by Location" option is the default search method available in the User Selection Panel. To use this feature, enter the desired location name in the input box. As you begin typing, the system automatically provides suggested locations based on the entered characters. A dropdown list of matching locations will appear for selection.

User Selection

Date: 11-02-2026

lat: 28.61   lon: 77.21   Get Forecast
Forecast: ○ 1-hr 1.5 day ● 3-hr 5 days ○ 6-hr 10 days

| Search by location | Pincode | Gram Panchayat | Search |

jodhpur

Jodhpur, Jodhpur Tehsil, Jodhpur, Rajasthan, India

Jodhpur, Rajasthan, India

9. Select the appropriate location from the suggested list, and the system will automatically display the corresponding weather forecast and related information for the selected area. This feature ensures quick and convenient access to location-specific forecasts

10. The **"Search by Pincode"** option allows users to retrieve weather forecasts based on a specific postal code. In this selection mode, users can choose the desired **date**, **district**, **pincode**, and the corresponding **area under that pincode**.

11. The **"Search by Gram Panchayat"** option allows users to retrieve weather forecasts based on a specific gram panchayat. In this selection mode, users can choose the desired **State**, **district**, **block**, and the corresponding **Gram Panchayat**.

13. The **"Search"** option enables users to directly retrieve weather forecasts by entering a specific **Pincode** or **GP Code (Gram Panchayat Code)** in the search field. This feature provides quick access to location-specific forecasts without navigating through multiple selection steps
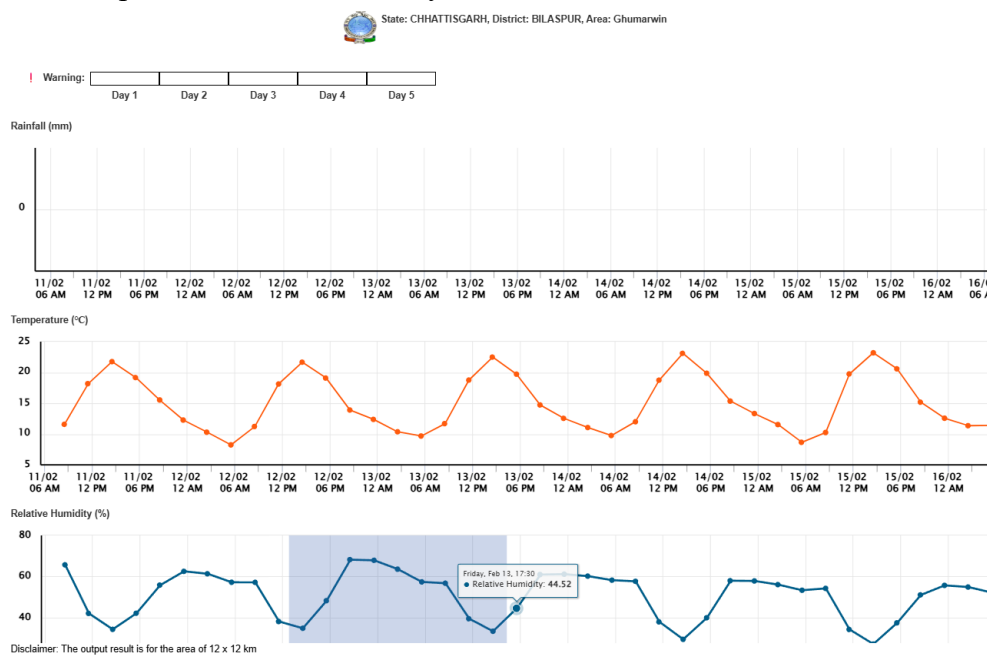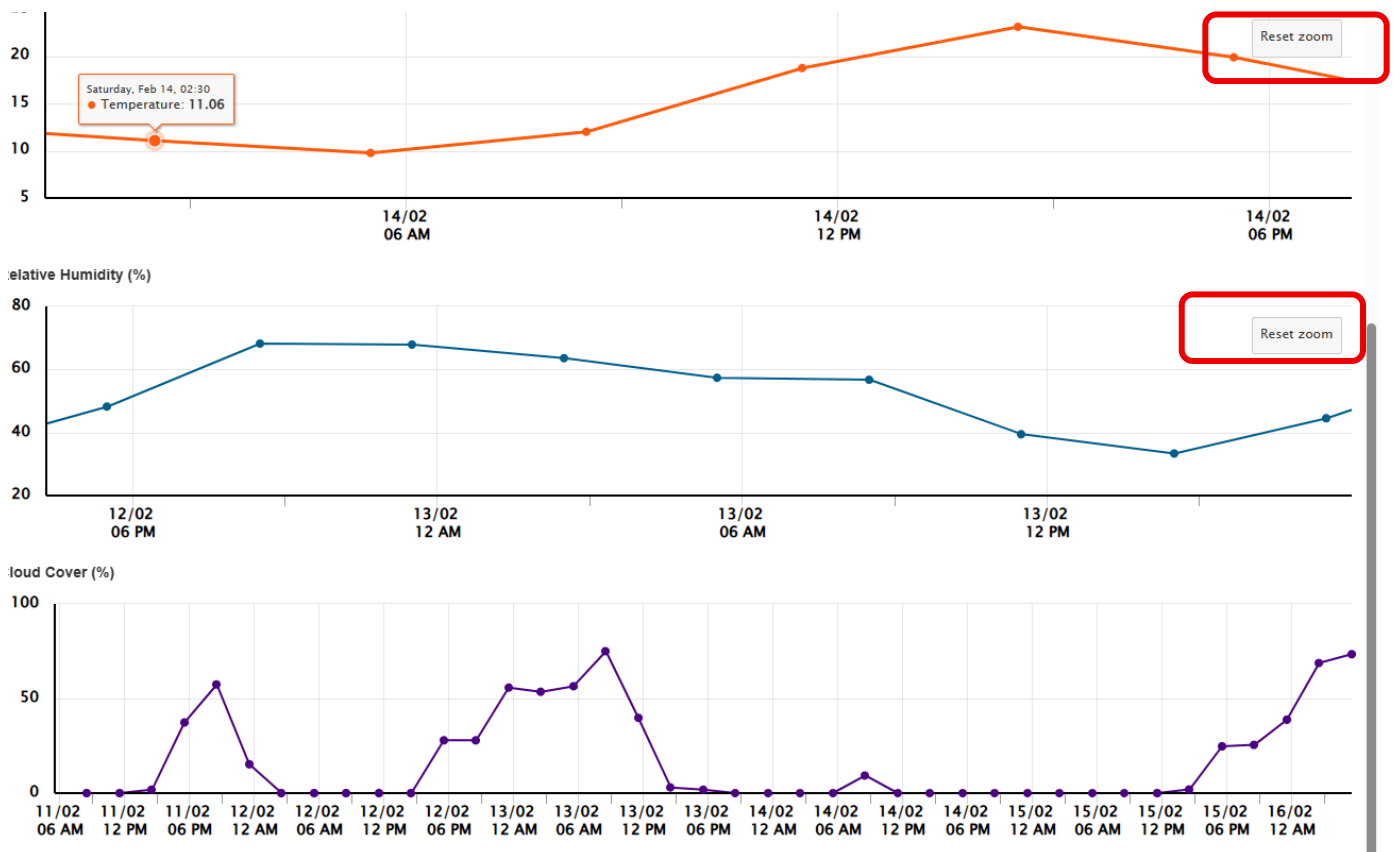

14. The charts displayed on the portal provide interactive features that allow users to examine data in greater detail. Users can select a specific section of the chart by clicking and dragging over the desired time period or data range. This action enables the zoom function, allowing closer inspection of the selected portion for detailed analysis.

15. Once a section is zoomed in, a "Reset Zoom" button appears on the chart. To return the chart to its default view, click on the Reset Zoom button. This will restore the chart to its original scale and display the complete dataset.

16. Click on " " download button to save the chart as png for future reference.

17. Click on the "About MausamGram" button to view detailed information about the MausamGram portal. This section provides a brief description of the system, its objectives, features, and the services offered.