



IBM GRAF

Why in news

International technology company IBM plans to make a high-resolution weather forecast model, named **IBM GRAF (Global High-Resolution Atmospheric Forecasting System)**, that will rely on user-generated data to improve the accuracy of forecasts available in India.

- It will generate forecasts at a **resolution of 3 kilometres**. This is a significantly higher resolution than the 12-kilometre models used by the India Meteorological Department to generate forecasts.
- Weather forecasts will be available to individuals for **free download and can be used by farmers**. The forecast system will also be used to provide **custom forecasts** for energy companies, consumer brands, insurance businesses and satellite imagery analysts.
- For its forecasts, IBM will rely on a global network of sensors — automatic weather station, data buoys and barometric pressure data from cell phones of users who will download the application.
- It will run on **supercomputer** and generate forecasts over desired time-frames — three days, weekly or fortnightly.

[Source: TH](#)

PDF Refernece URL: <https://www.drishtias.com/printpdf/ibm-graf>