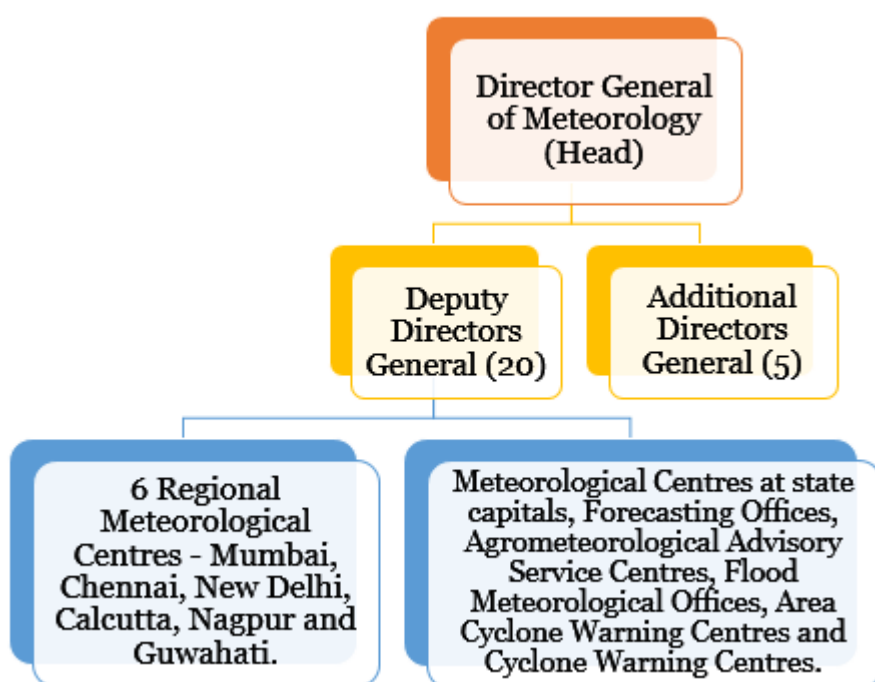


## India Meteorological Department (IMD)

### Why in News?

The India Meteorological Department (IMD) will be completing 150 years of service as of January 15, 2025.

- **IMD** - It is the National Meteorological Service of India and the principal government agency in all matters relating to meteorology and allied subjects.
- **Historical background** - Science and Meteorology in India commenced with the establishment of the 1<sup>st</sup> Meteorological and Astronomical Observatory in (then) Madras in 1793.
- The Sanitation Committee was formed in 1860 and the Meteorological Committee at the provincial level was set up.
- **Established in** - **1875** with H.F. Blanford as the Meteorological Reporter.
- **Headquarters** - New Delhi.
- **Nodal Ministry** - Ministry of Earth Sciences.
- **Objectives** - To take meteorological observations and to provide current and forecast meteorological information.
- To warn against severe weather phenomena which cause destruction of life and property and to conduct and promote research in meteorology and allied disciplines.
- **Networks** - It has 6 Regional Meteorological Centres (RMCs) catering to 6 regions of the country, which are further assisted by 26 Meteorological Centres (MCs) at the State level.



- **Works**

- Preparation of 1<sup>st</sup> chart in 1877.
- Preparation of 1<sup>st</sup> Daily Weather Report in 1878.
- Radar age and flood meteorological services between 1947-1959.
- Global monitoring and better forecasting up to 24 hours in 1971-1983

*Between 2014 and 2023, there was rapid enhancement of weather and climate services and the forecast accuracy improved by 40-50%.*

## **References**

1. [The Hindu| 150 years of Formation of IMD](#)
2. [IMD| India Meteorological Department \(IMD\)](#)

