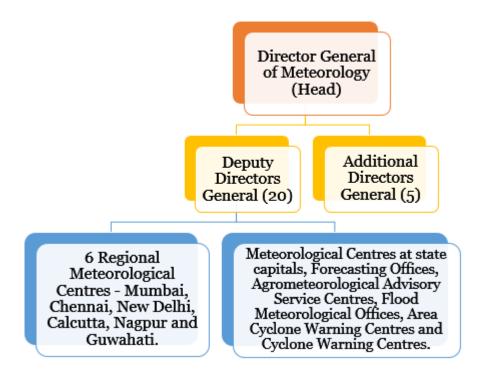


India Meteorological Department (IMD)

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 <u>1st Meteorological and Astronomical Observatory in (then) Madras</u> in 1793.
- The Sanitation Committee was formed in 1860 and the Meteorological Committee at the provincial level was set up.
- Established in <u>1875</u> 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 <u>warn against severe weather phenomena</u> which cause destruction of life and property and to conduct and <u>promote research</u> in meteorology and allied disciplines.
- **Networks** It has <u>6 Regional Meteorological Centres</u> (RMCs) catering to 6 regions of the country, which are further assisted by <u>26 Meteorological Centres (MCs) at the State level</u>.



Works

- Preparation of 1st chart in 1877.
- Preparation of 1st 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)

