

## ABOUT US

The beginnings of meteorology in India can be traced to ancient times. Meteorology, as we perceive it now, may be said to have had its firm scientific foundation in the 17th century after the invention of the thermometer and the barometer and the formulation of laws governing the behavior of atmospheric gases. India is fortunate to have some of the oldest meteorological observatories of the world.

M.C.Port Blair is situated in the heart of the Port Blair city (4.5 Kms from the VSI Airport and about 10 Kms from Haddo wharf) and stands as one of the oldest observatory of IMD with its establishment on 01.06.1868. M.C. Port Blair has been recognized as a long term observing station by the World Meteorological Organization in September 2020 for more than 100 years of meteorological observations. Notably, it was officially inaugurated as Meteorological center on July 27, 2023 by Hon'ble Minister Kiren Rijiju.

The Meteorological Centre operates a network of 5 Part-Time Observatories within its jurisdiction across different parts of the Islands. These observatories include PTO Mayabunder, PTO Long Island, PTO Hut Bay, PTO Car Nicobar, and PTO Nancowry. Additionally, the MC has an Automated Weather Station (AWS) at Port Blair, and there are plans to install 9 AWS stations in various parts of the Islands in the near future. Furthermore, there are 3 Real-Time Surface Meteorological Network (RTSMN) stations located at Diglipur, Port Blair, and Campbell Bay.



Meteorological Centre, Port Blair, serves as the Nodal Centre for Meteorological Services in the Union Territory of Andaman and Nicobar Islands, functioning as the pri-

mary government agency for all meteorological and allied matters in the region. Our key objectives include:

**Meteorological Observations:** We are committed to conducting meteorological observations to provide current and historical meteorological information, real-time weather updates, and forecasts across various temporal and spatial scales. This aids in optimizing resources for weather-sensitive activities.

**Observation Recording:** Our manned observatories record meteorological observations, encompassing surface, radiation, and upper atmosphere data, focusing on different temporal and spatial scales throughout the Andaman and Nicobar Islands.



**Severe Weather Warnings:** With a dedication to public safety, we issue warnings against severe weather phenomena such as tropical cyclones, heavy rains, thunderstorms, and lightning. This proactive approach aims to mitigate the destruction of life and property.

**Communication:** We strive to effectively communicate current and past meteorological information, forecast products, and warnings to the general public, the tourism sector, the Andaman and Nicobar Government, and relevant bodies.

**Research Promotion:** In addition to our operational functions, we actively engage in promoting and conducting research in meteorology and allied disciplines, contributing to the advancement of scientific understanding in these areas.

Our comprehensive approach underscores our commitment to providing reliable meteorological services and ensuring the safety and well being of the residents and stakeholders in the Andaman & Nicobar Islands.