Mandate

- ISSD works mainly to provide a platform to the common people so they can access all the meteorological information and products easily.
- Main scope of ISSD is categorized in the figure below:



ISSD operations

E-Office Initiative

 E-office is being implemented in IMD as a policy of Government of India for efficient and paperless administration and e-governance.

Video Conferencing

ISSD arranges various meetings, seminars and talks thorough video conference mode which has been proved a very efficient mode of communication.



Brief History of ISSD

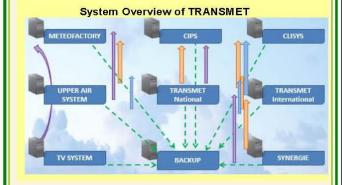
Communication is the founding division of IMD HQ with the name Northern Hemisphere Exchange Centre (NHEC) which has renamed as ISSD in 2009.ISSD has six regional Message Switching Centers at airports of Delhi, Kolkata, Chennai, Mumbai, Nagpur and Guwahati. Also has Global Information System Centre (GISC) along with mirror RTH at Pune. GTS links with Regional Telecommunication Hub (RTH) New Delhi consists of 18 international circuits.



Communication links with countries and Organizations

National-International Collaboration

ISSD manages 6Mbps IPVPN link with Tokyo, Moscow, Beijing etc. and Melbourne through 150 Mbps internet at New Delhi end. Other international links Bangkok and Karachi are operating at 64 Kbps leased line.



Contact Us

Email: rthnewdelhi4@gmail.com Phone Number: 011 43824325

Address: 2nd Floor, Mausam Bhawan, New Delhi-110003



Information Systems and Services Division

भारत मौसम विज्ञान विभाग

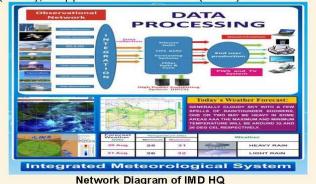
India Meteorological Department(Established in 1875)

Ministry of Earth Sciences



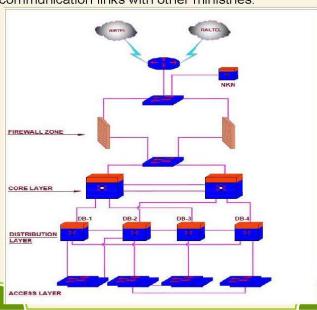
Telecommunication Infrastructure

ISSD has also installed Automatic Message Switching System (AMSS), Central Information & Processing System (CIPS) which stores almost all observational data, Clysis (to store Climatological data), High Performance Computer System (HPCs) to run the various Numerical Weather Prediction (NWP) models synergie (a forecaster's visualization workstation), Public Weather System (PWS), Doppler Weather Radar (DWR) etc.



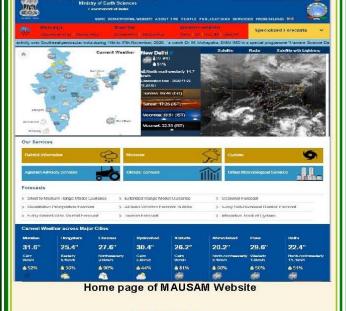
Local Area Network of IMD HQ

ISSD manages local area network of IMD and also communication links with other ministries.



MAUSAM

- IMD launched its new website: https://www.mausam.imd.gov.in for general public.
- MAUSAM website provides Warnings- With just one click, the website will provide multi hazard warnings for next five days and also Nowcast at meteorological, sub-divisional and district levels.
- It also includes Interactive Map that covers 200+ stations spread across country from which people could get latest weather updated every 3 hours.
- MAUSAM website also has a dedicated section for Agro-meteorological Advisory for farmers.
- ISSD is also hosting uniform website for certain state.



Mobile App

Mobile Apps "MAUSAM" and "UMANG" are dedicated to the general public and designed to communicate the weather information and forecast in a lucid manner.





APIs &Stake holders

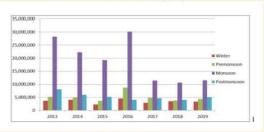
Information System & Services Division (ISSD) works in collaboration with various organizations (UP Government, Kerala Government, Orissa Government, Niti Ayog, DD News, NDMA etc.) and share APIs with them for various weather related services.



Single interface for various services

Message dissemination statistics

otal number of hits on IMD website during different seasons has been shown in the graph



Social Media Initiative

- IMD is also available on all the major social media platforms to provide the immediate circulation of warnings and forecast.
- Weekly Weather videos are being uploaded on official YouTube channel to make the general public aware.
- Information dissemination to general public related to various IMD initiatives also spread through social media platforms.







