

NCMRWF NWP: Current status and future plans (4p.13)

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Operational NWP Systems

Global Deterministic:

NGFS (IMD) 12 km, 64 levels

NCUM (NCMRWF) 12 km, 70 levels

Global Ensemble:

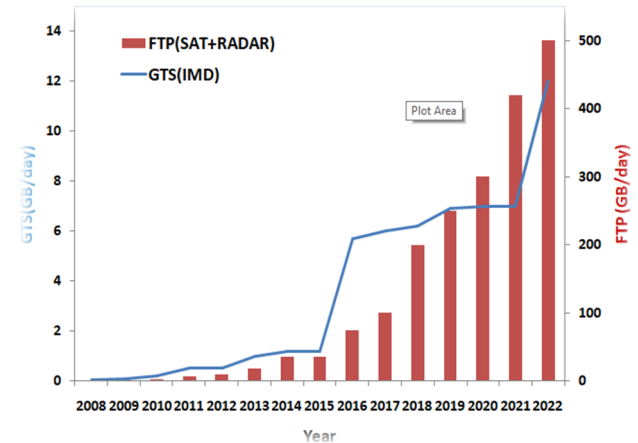
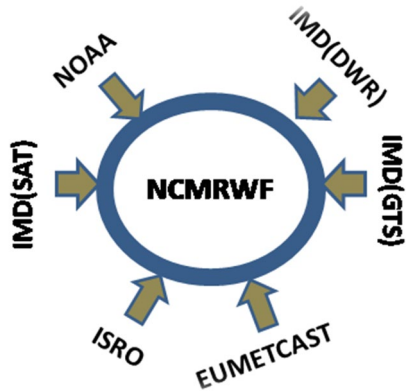
NGEFS, 12 km, 21 members

NEPS, 12 km, 23 members

Regional

NCUM-R, 4 km, 80 levels (~40km)

NEPS-R, 4 km, 11 members



New Observations added

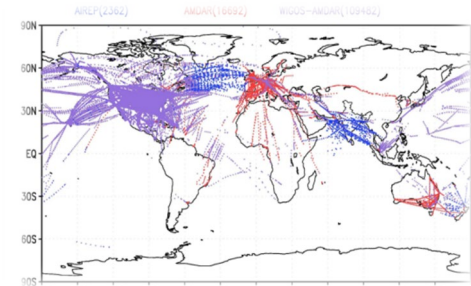
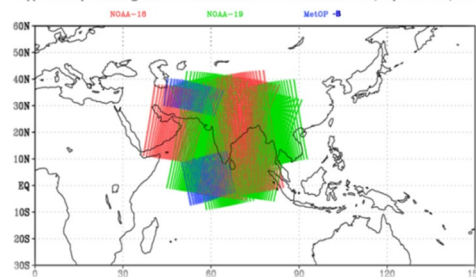
Indian DBNET stations (ATOVS, IASI, ATMS, CrIS) 15.07

Indian RS/RW BUFR (11 stations),

Additional AIREP over the Indian Ocean region,

GPSRO (SPIRE and GeoOptics)

Typical day coverage of DBNet data received from INCOIS, Hyderabad, India



Future Plans:

•Oceansat-3/EOS-6 (OCM, SSTM, OSCAT-3) launched on 26 Nov 2022,

•Millimeter Wave Humidity Sounder (MHS) onboard EOS7/Microsat2B launched on 10 Feb 2023 (15p.13)

•NOAA-21 ATMS and CrIS, etc.