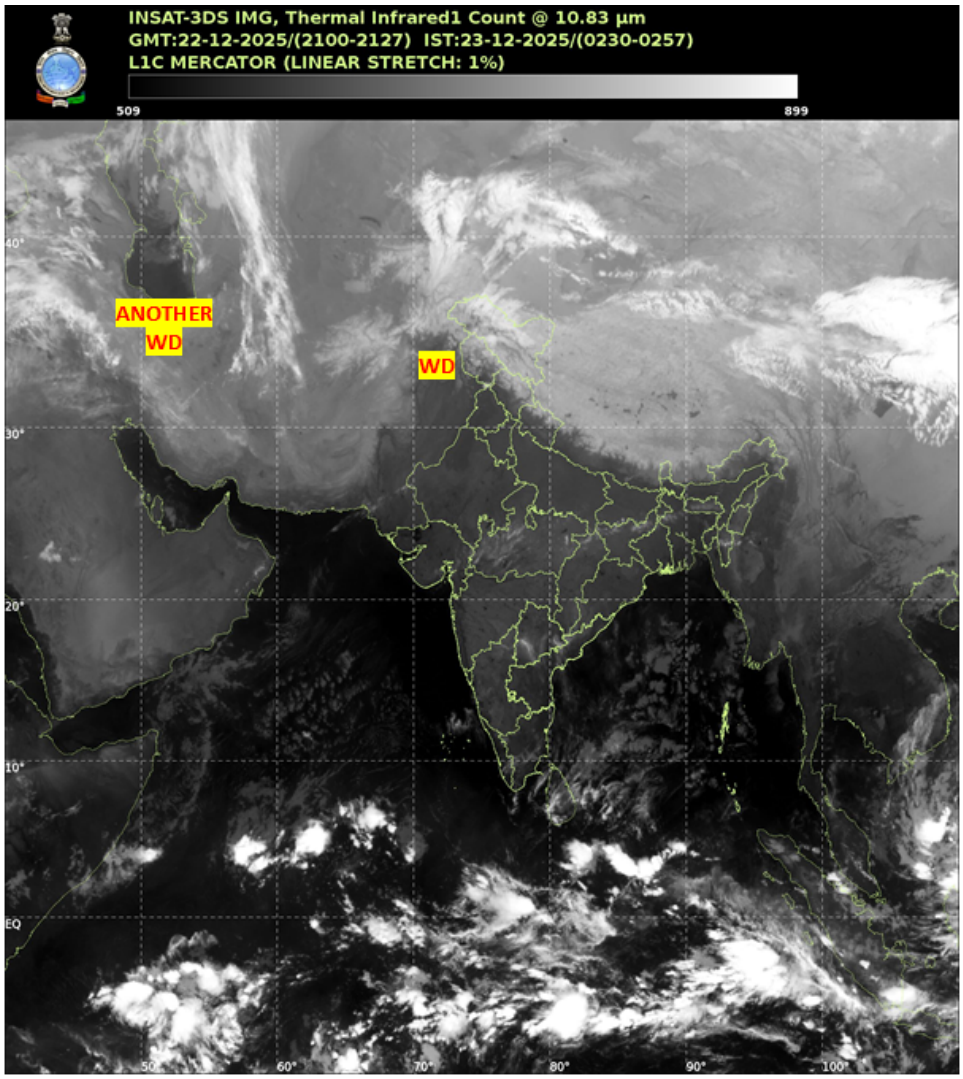
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

## SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

**Date: 2025-12-22 Time: 21:00:00 UTC**




**TCIN50 DEMS 222100**
**SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 222100 UTC (.)**
**REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)**

### SALIENT FEATURES:

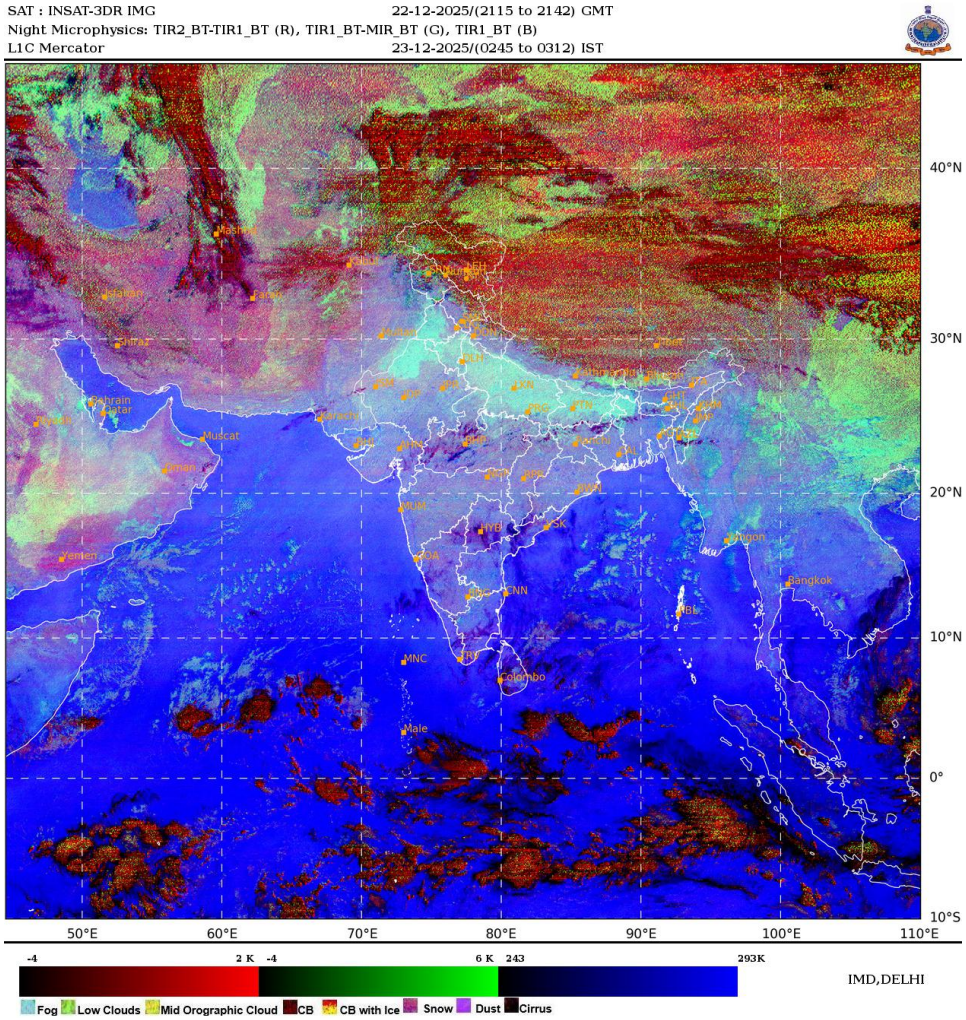
### WESTERN DISTURBANCE (WD):-

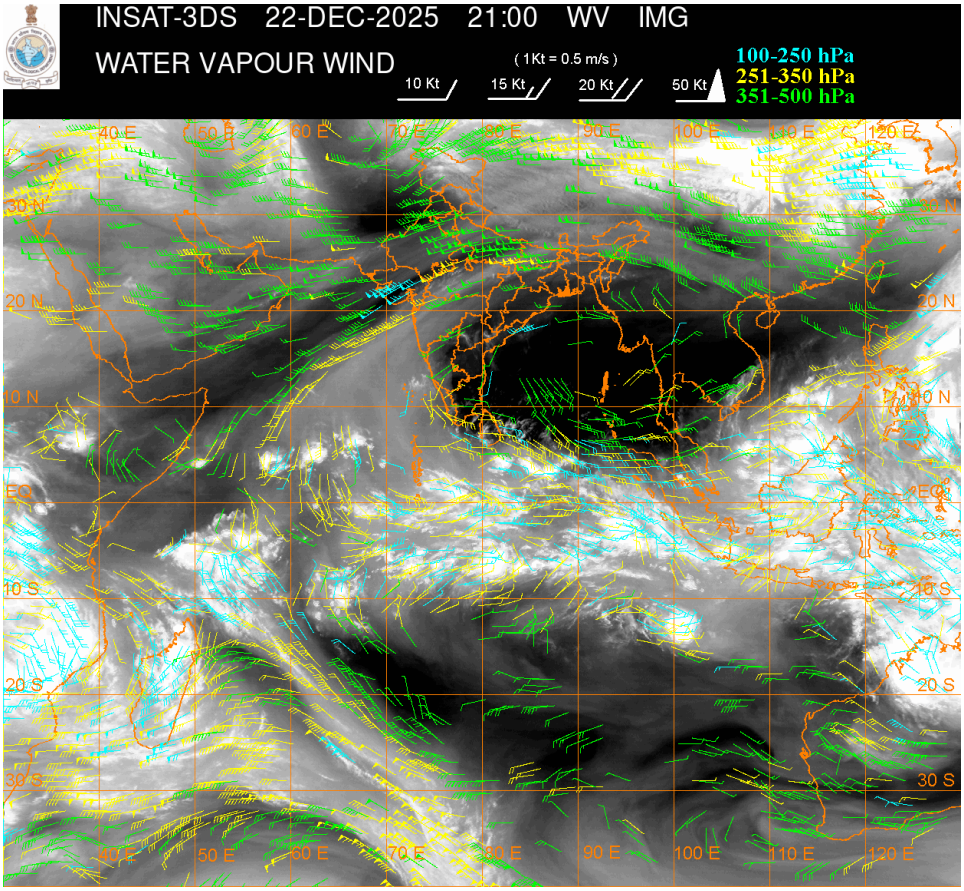
**SCT MULTILAYERED CLOUDS OVER NORTH PAK J&K LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)**

**SCT MULTILAYERED CLOUDS OVER CASPIAN SEA IRAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)**

## FOG / LOW CLOUDS:-

**SCT TO BKN FOG / LOW CLOUDS OVER NE PAK PJB HARY DLH N RAJ N MP S UTRKND UP N CHTGH N JHRKND BHR SHWB NW BD AND SOUTH NEPAL (.)**






**CLOUD DESCRIPTION WITHIN INDIA:**

**NORTH:**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K AND ISOL WK TO MOD CONVTN OVER N HP N UTRKND (.) ISOL TO SCT LOW/MED CLOUDS OVER S HP S UTRKND PJB S UP (.)**

**EAST:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S BHR N JHRKND EXT N CHTGH EXT N GWB SKM ARUPR MIZO (.) SCT LOW/MED CLOUDS OVER N BHR REST CHTGH S ORS SHWB REST NE STATES (.)**

**WEST:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER MP (.) SCT LOW/MED CLOUDS OVER E GUJ (.)**

**SOUTH:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER S TLNGN S KER TN (.) SCT LOW/MED CLOUDS OVER KRNTK N TLNGN RYLSM COTL AP N KER LKSDP ILS ANDAMAN & NICOBAR ILS (.)**

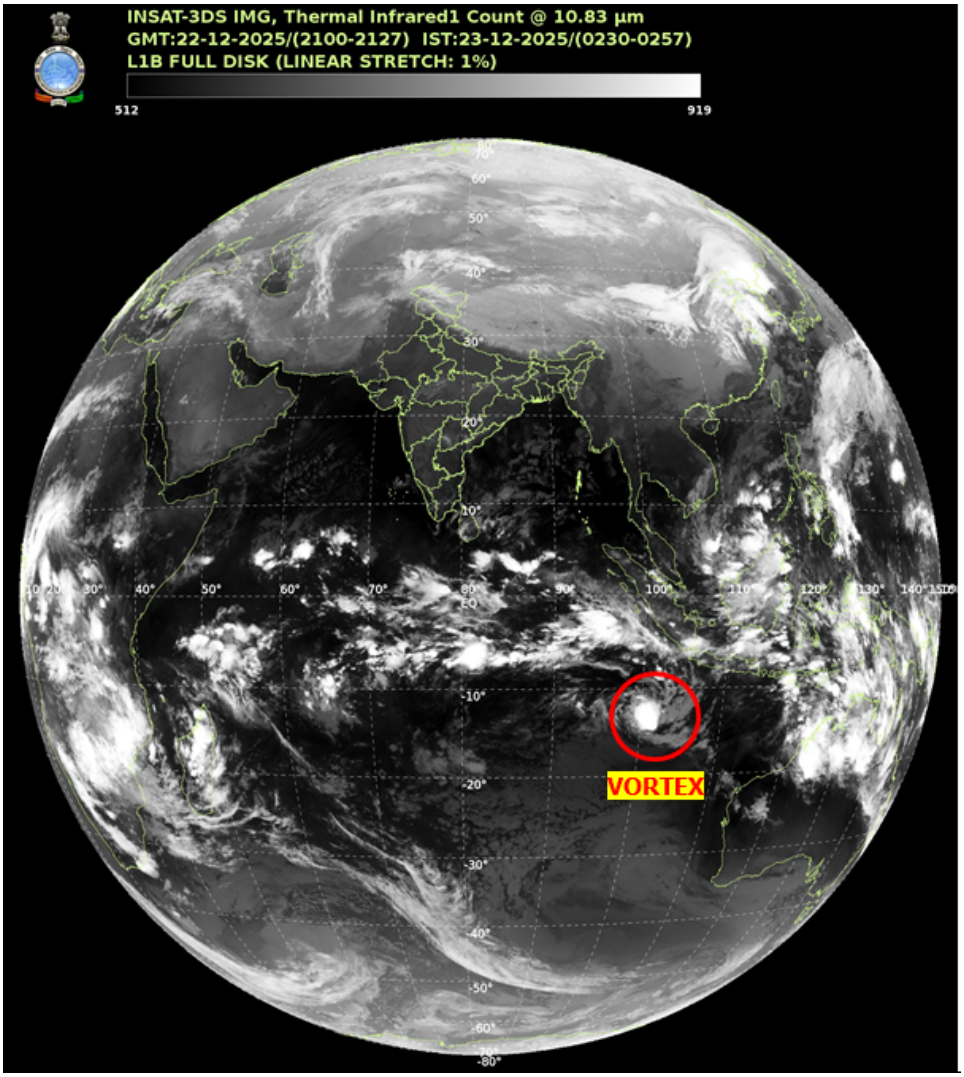
**ARABIAN SEA:**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA SOUTH OF LAT 8.0N (.) SCT LOW/MED CLOUDS OVER REST ARSEA (.)**

**BAY OF BENGAL & ANDAMAN SEA:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH BAY (.) SCT LOW/MED CLOUDS OVER NORTH & CENTRAL BAY AND NORTH ANDAMAN SEA (.)**

**CLOUD DESCRIPTION OUTSIDE INDIA:**




**VORTEX OVER SOUTH INDIAN OCEAN :-**

**VORTEX OVER SOUTH INDIAN OCEAN (AREA G25) CENTERED NEAR 12.9S/ 100.2E (.) INTENSITY T2.5/2.5 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0S TO 16.0S AND LONG 97.0E TO 104.0E (.)**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES NORTH PAK TIBET CHINA YELLOW SEA EAST CHINA SEA SOUTH VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 45.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 40.0E TO 80.0E (.)**

**T00 23/0445 HRS IST=**

**NNNN**

## LEGEND

| REGION | |
|---|---|
| NORTH | J&K HP UTRKND PJB HARY DLH UP |
| EAST | BHR JHRKND CHTGH ORS WB SKM NORTH-EAST STATES |
| WEST | RAJ MP GUJ MAHA GOA |

| | |
|---|---|
| SOUTH | TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS |
| CLOUD DISTRIBUTION | |
| ISOL | ISOLATED (LESS THAN 25%) |
| SCT | SCATTERED (25 TO 50%) |
| BKN | BROKEN (51 TO 75%) |
| SLD | SOLID (GREATER THAN 75%) |
| CLOUDS TOP TEMPERATURE | |
| CTT | CLOUD TOP TEMPERATURE |
| CONVECTION | |
| WK CONVTN | WEAK CONVECTION (CTT GREATER THAN –25°C) |
| MOD CONVTN | MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C) |
| INT CONVTN | INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C) |
| V INT CONVTN | VERY INTENSE CONVECTION (CTT LESS THAN -70°C) |
| METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERRITORIES | |
| J&K | JAMMU AND KASHMIR |
| HP | HIMACHAL PRADESH |
| UTRKND | UTTARAKHAND |
| PJB | PUNJAB |
| HARY | HARYANA |
| DLH | DELHI |
| BHR | BIHAR |
| JHRKND | JHARKHAND |
| CHTGH | CHHATTISGARH |
| ORS | ORISSA |
| GWB | GANGETIC WEST BENGAL |
| SHWB | SUB-HIMALAYAN WEST BENGAL |
| SKM | SIKKIM |
| ARUPR | ARUNACHAL PRADESH |
| ASSAM | ASSAM |
| MEGHA | MEGHALAYA |
| MANI | MANIPUR |
| MIZO | MIZORAM |
| TRP | TRIPURA |
| RAJ | RAJASTHAN |

| | |
|---|---|
| MP | MADHYA PRADESH |
| GUJ | GUJARAT |
| SAU & KUTCH | SAURASHTRA & KUTCH |
| MAHA | MAHARASHTRA |
| M MAHA | MADHYA MAHARASHTRA |
| MRTHWD | MARATHWADA |
| VID | VIDARBHA |
| KKN | KONKAN |
| TLNGN | TELANGANA |
| RYLSM | RAYALSEEMA |
| COTL AP | COASTAL ANDHRA PRADESH |
| NIK | NORTH INTERIOR KARNATAKA |
| SIK | SOUTH INTERIOR KARNATAKA |
| COTL KRNTK | COASTAL KARNATAKA |
| KER | KERALA |
| TN | TAMILNADU |
| LKSDP | LAKSHADWEEP |
| ILS | ISLANDS |
| ARSEA | ARABIAN SEA |
| MISCELLANEOUS | |
| ASSW | IN ASSOCIATION WITH |
| ASSTD | ASSOCIATED |
| LLC | LOW LEVEL CIRCULATION |
| EMBDD | EMBEDDED |
| N/HOOD | NEIGHBOURHOOD |
| EXT | EXTREME |