

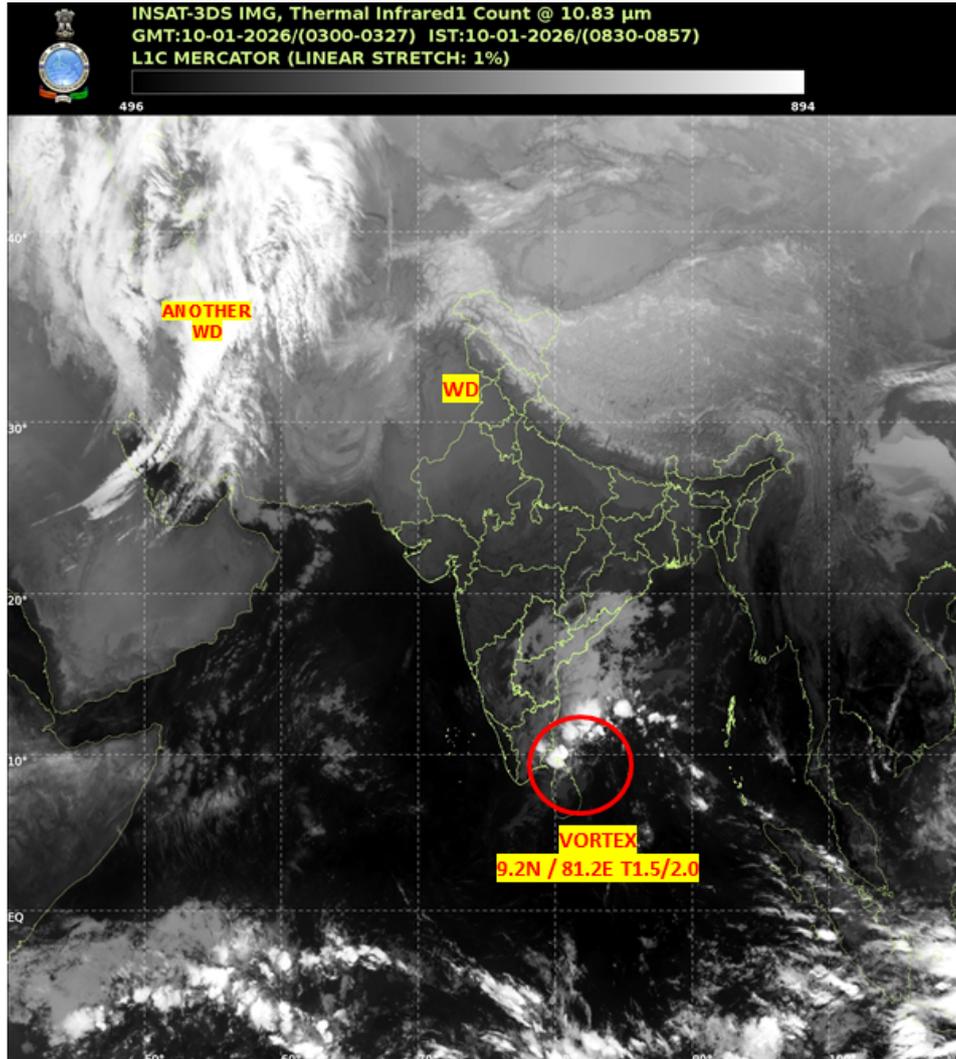


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-01-10 Time: 03:00:00 UTC



TCIN50 DEMS 100300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 100300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:

VORTEX OVER SW BAY OFF NE SRI LANKA COAST & N/HOOD:-

VORTEX OVER SW BAY OFF NE SRI LANKA COAST & N/HOOD CENTERED NEAR 9.2N / 81.2E (.)

INTENSITY T1.5/2.0 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT

CONVTN OVER SW BAY NORTH SRI LANKA PALK STR (MINIMUM CTT MINUS 70-90 DEG CEL) MOD

TO INT CONVTN OVER WC BAY E TN (MINIMUM CTT MINUS 40-70 DEG CEL) AND WK TO MOD

CONVTN OVER S CHTGH S ORS TLNGN RYLSM SIK COTL AP W TN (MINIMUM CTT MINUS 20-30

DEG CEL) (.)

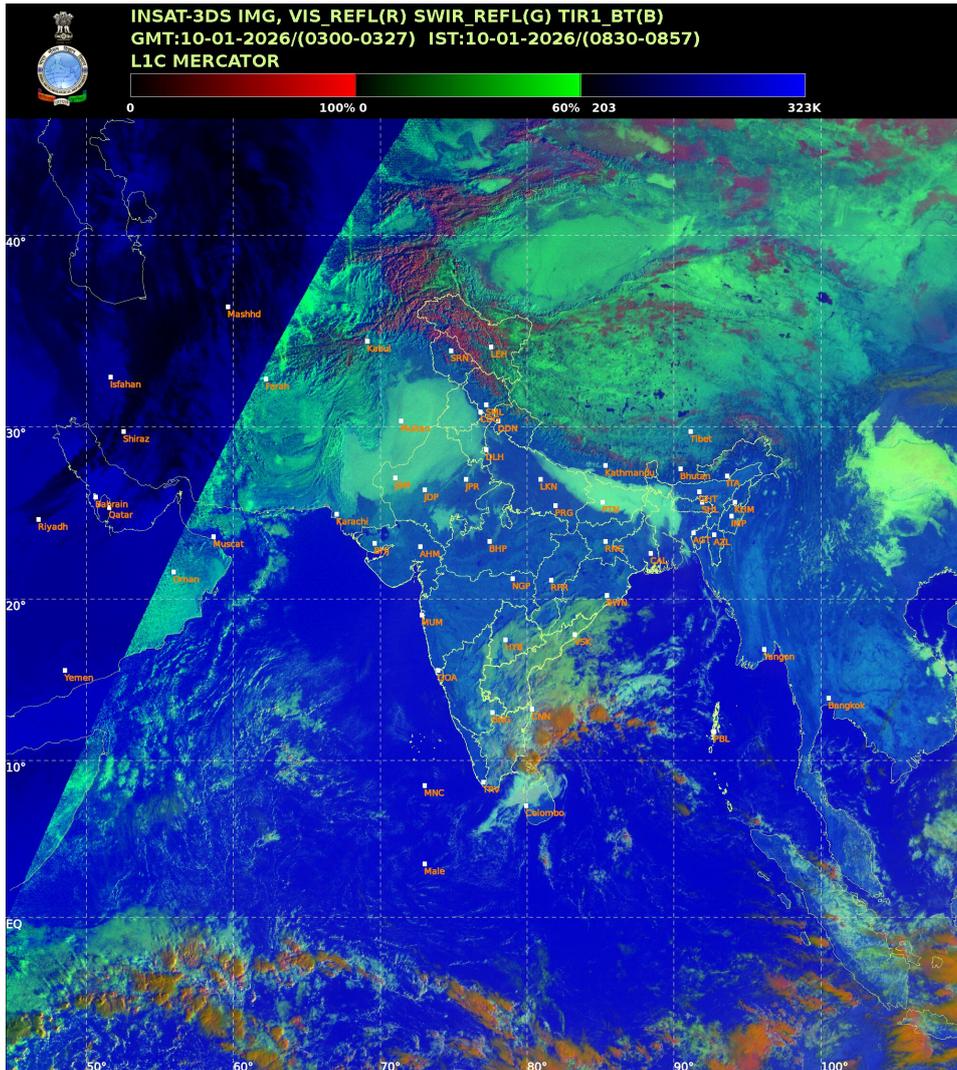
WESTERN DISTURBANCE (WD):-

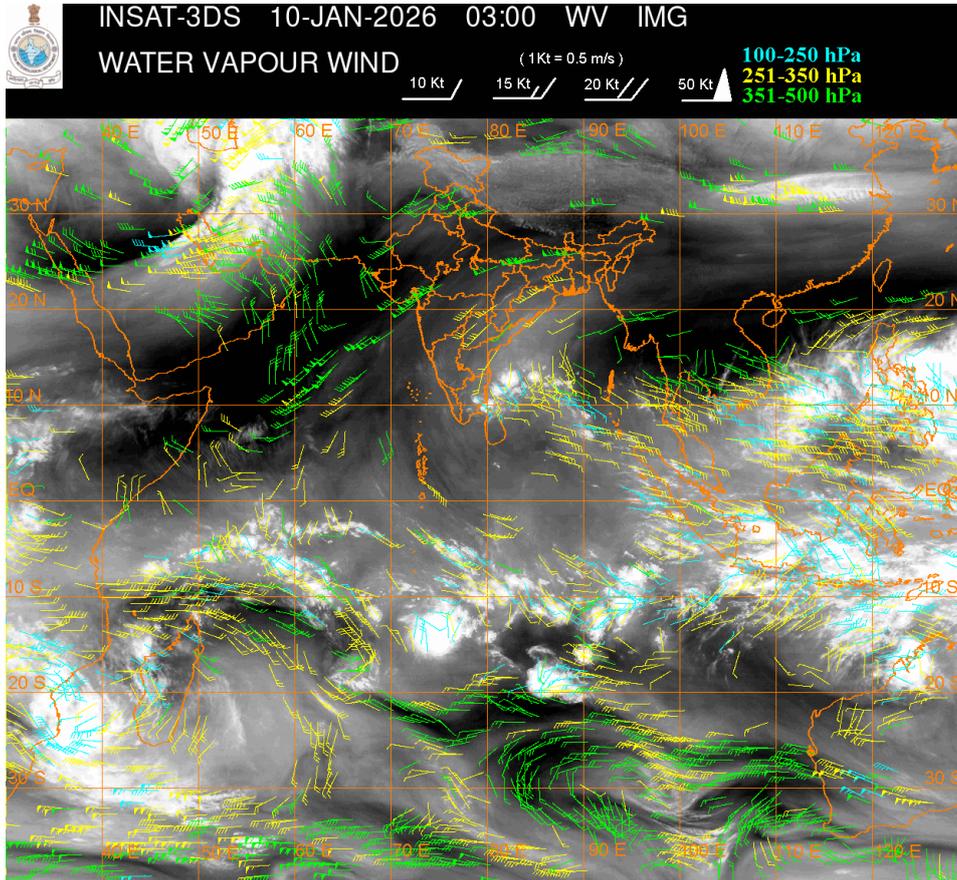
SCT MULTILAYERED CLOUDS OVER NORTH PAK J&K LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (.)

SCT TO BKN 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 PAK PJB HARY DLH RAJ NW MP W & NE UP BHR NE JHRKND NE GWB SHWB EXT W ASSAM ADJ W MEGHA BANGLADESH & S NEPAL (.)





CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH (.) ISOL TO SCT LOW/MED CLOUDS OVER J&K HP UTRKND E UP (.)

EAST:

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

WEST:

ISOL TO SCT LOW/MED CLOUDS OVER E MP E VID (.)

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E TN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER KRNTK TLNGN RYLSM COTL AP W TN NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS OVER KER LKSDP ILS ANDAMAN ILS (.)

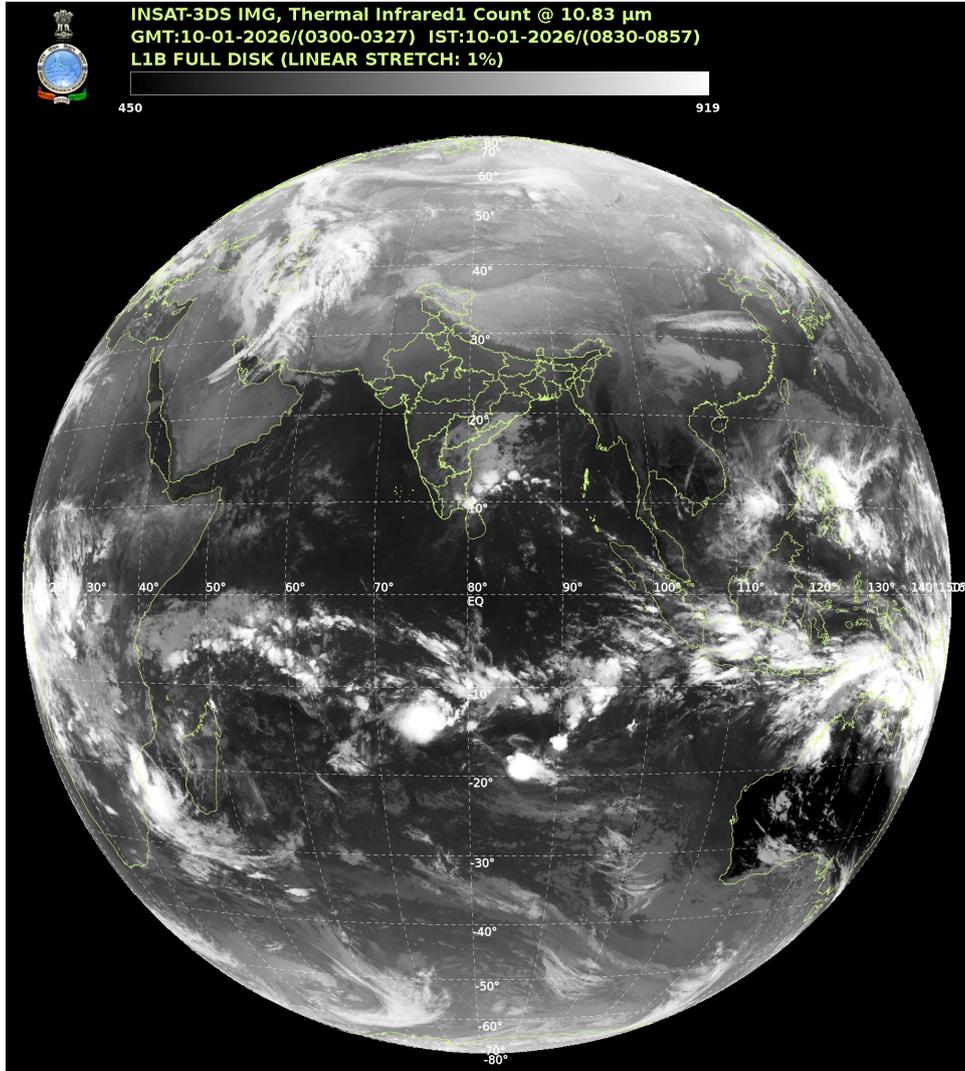
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW & WC ARSEA AND SOUTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC & SE BAY AND ISOL WK TO MOD CONVTN OVER NORTH & EC BAY AND ANDAMAN SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N SRI LANKA PALK STR GULF OF MANNAR TIBET CHINA YELLOW SEA EAST CHINA SEA GULF OF THAILAND CAMBODIA 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 35.0S LONG 40.0E TO 120.0E (.)

T00 10/0950 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 |