

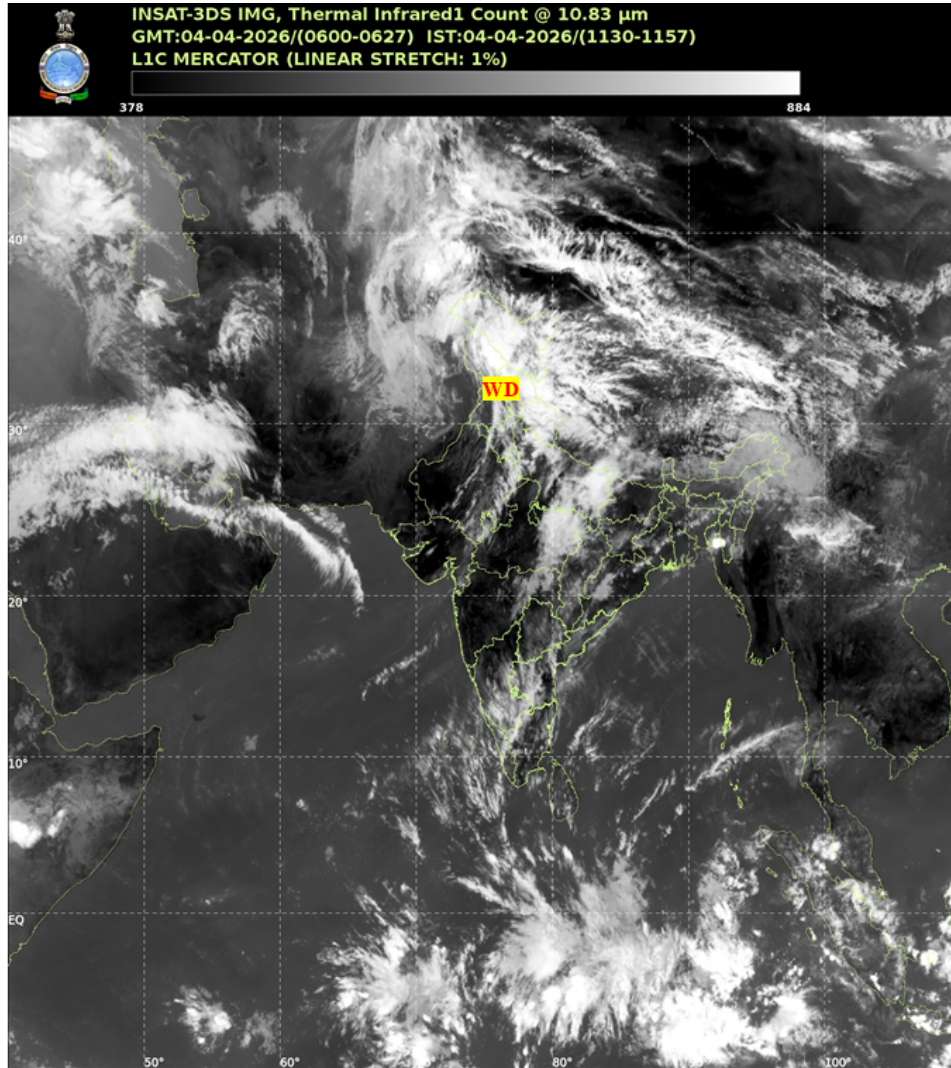


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-04-04 Time: 06:00:00 UTC



TCIN50 DEMS 040600

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 040600 UTC (.)

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

SALIENT FEATURES:

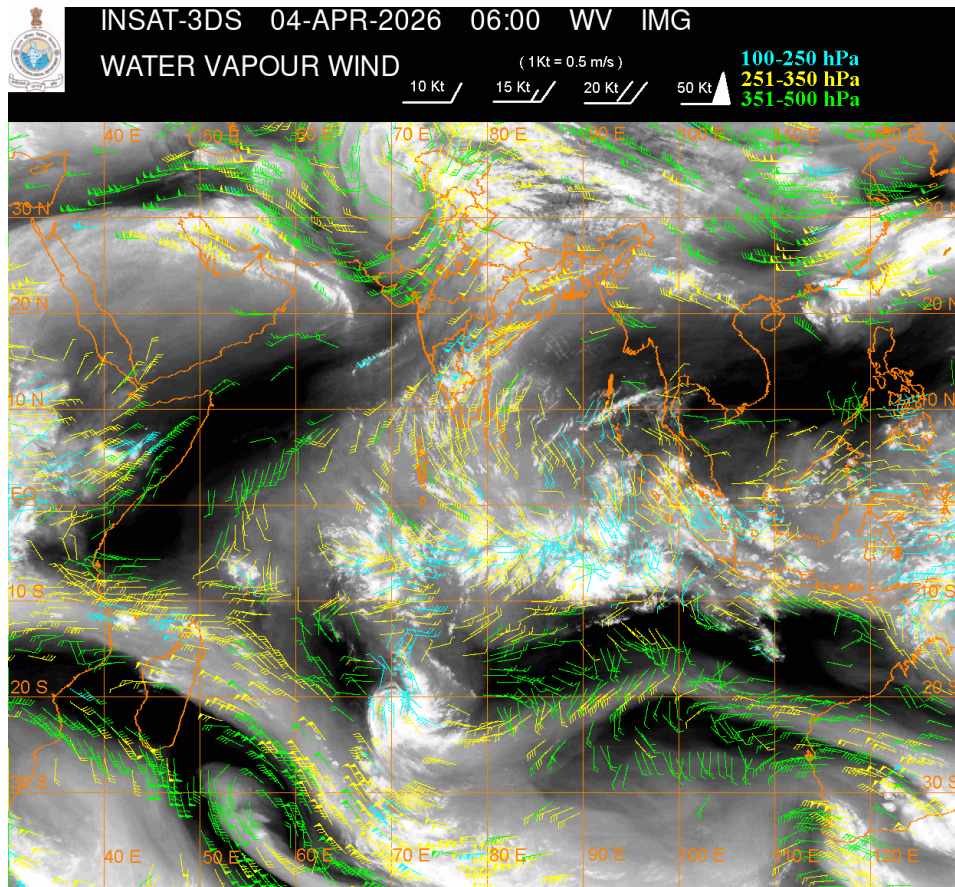
WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER EAST AFGAN ADJ NORTH PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ MP UP NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K

HP UTRKND PJB HARY DLH UP E RAJ E MP SIK RYLSM KER TN MIZO TRP ADJ SE BD (MINIMUM CTT MINUS 40-70 DEGREE CEL) (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP UTRKND PJB HARY DLH UP (.)

EAST:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MIZO TRP ADJ SE BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER BHR JHRKND CHTGH ORS GWB SHWB SKM REST NE STATES & REST BD (.)

WEST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E RAJ E MP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER W RAJ GUJ W MP MRTHWD VID (.) ISOL TO SCT LOW/MED CLOUDS OVER MADHYA MAHA KKN GOA (.)

SOUTH:

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

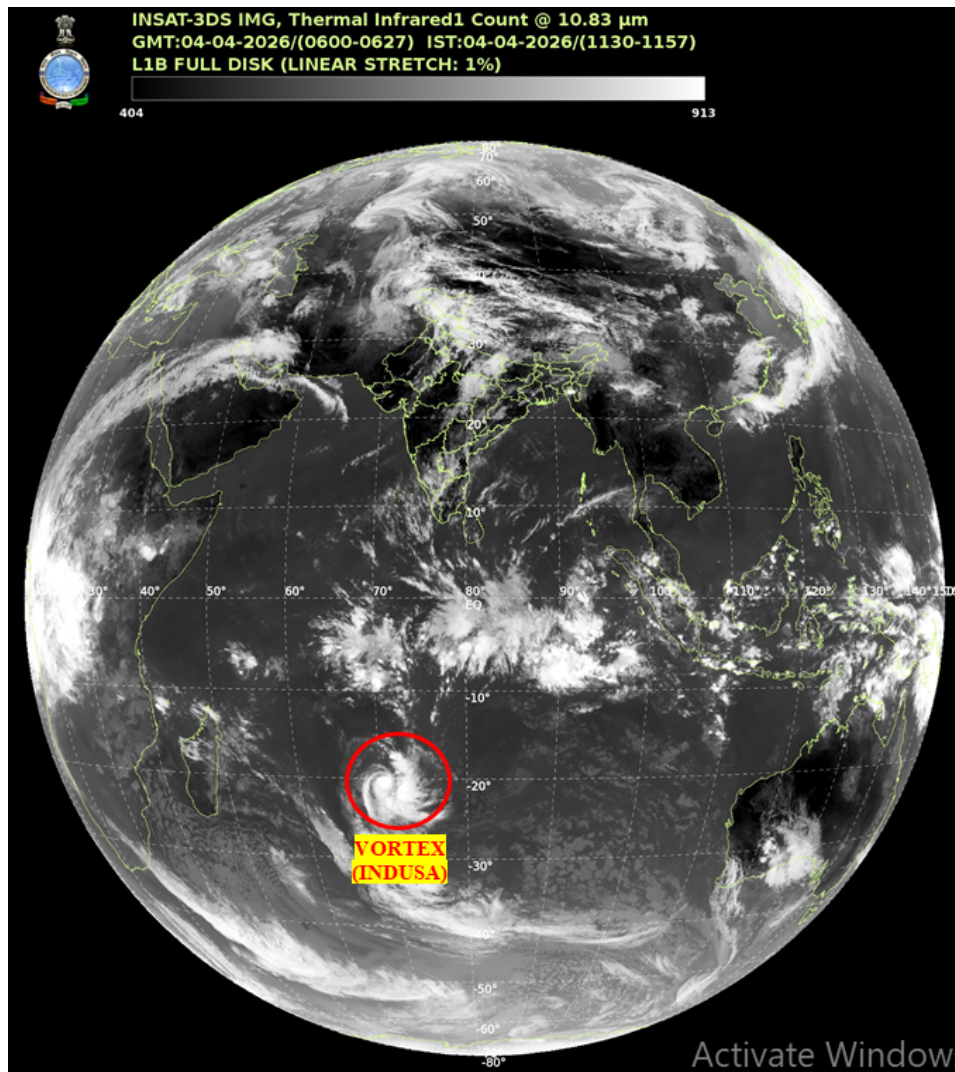
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH ARSEA AND ISOL WK TO MOD CONVTN OVER EC & SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:

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

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (INDUSA) OVER SOUTH INDIAN OCEAN :-

VORTEX (INDUSA) OVER SOUTH INDIAN OCEAN (AREA E80 ADJ E90 & D60) CENTERED NEAR 20.1S / 70.1E (.) INTENSITY T4.5/4.5 (.) MAXIMUM SUSTAINED WINDS 64-89 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 15.0S TO 25.0S LONG 67.0E TO 75.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES AREA NORTH PAK NEPAL BHUTAN TIBET CHINA EAST CHINA SEA TAIWAN NORTH MYANMAR SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES & SEA ILS SOUTH PHILIPPINES NORTH MADAGASCAR NORTH MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 40.0E TO 110.0E AND BET LAT 15.0S TO LAT 35.0S LONG 60.0E TO 80.0E (.)

T00 04/1230 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 |