

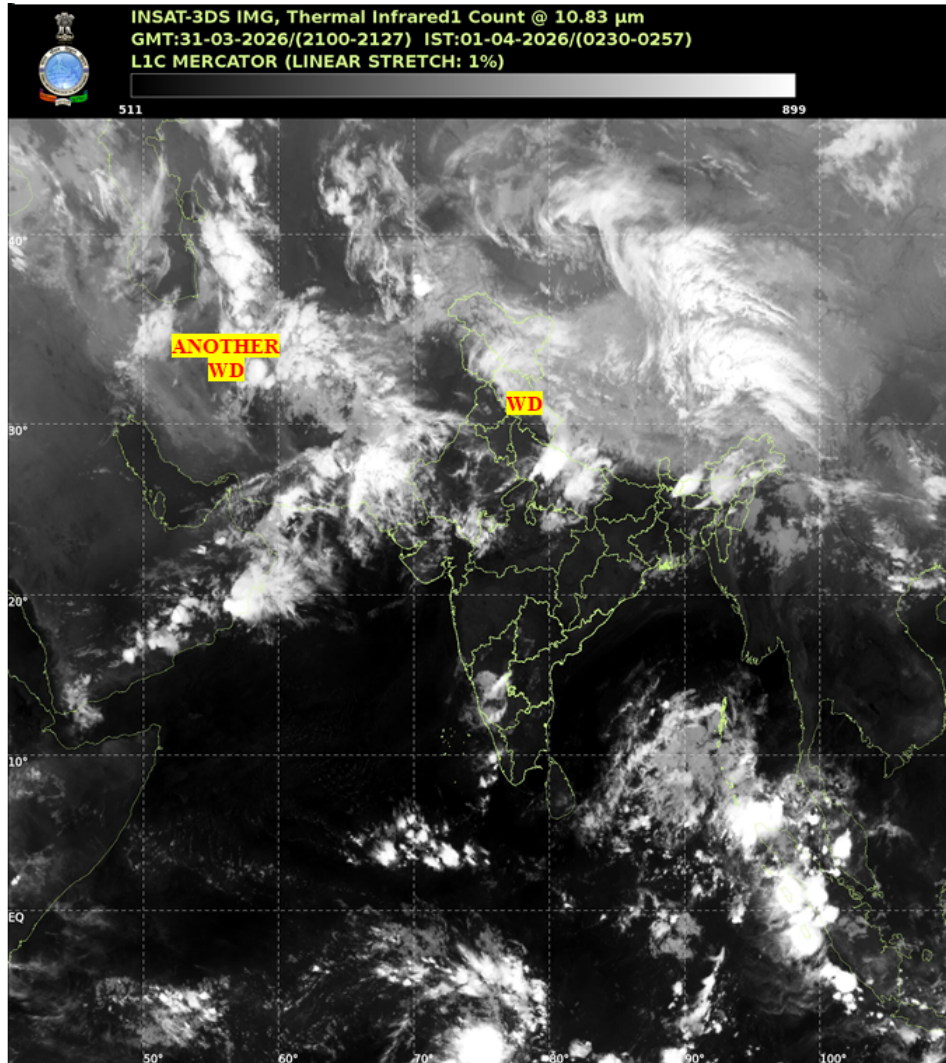


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-03-31 Time: 21:00:00 UTC



TCIN50 DEMS 312100

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 312100 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):-

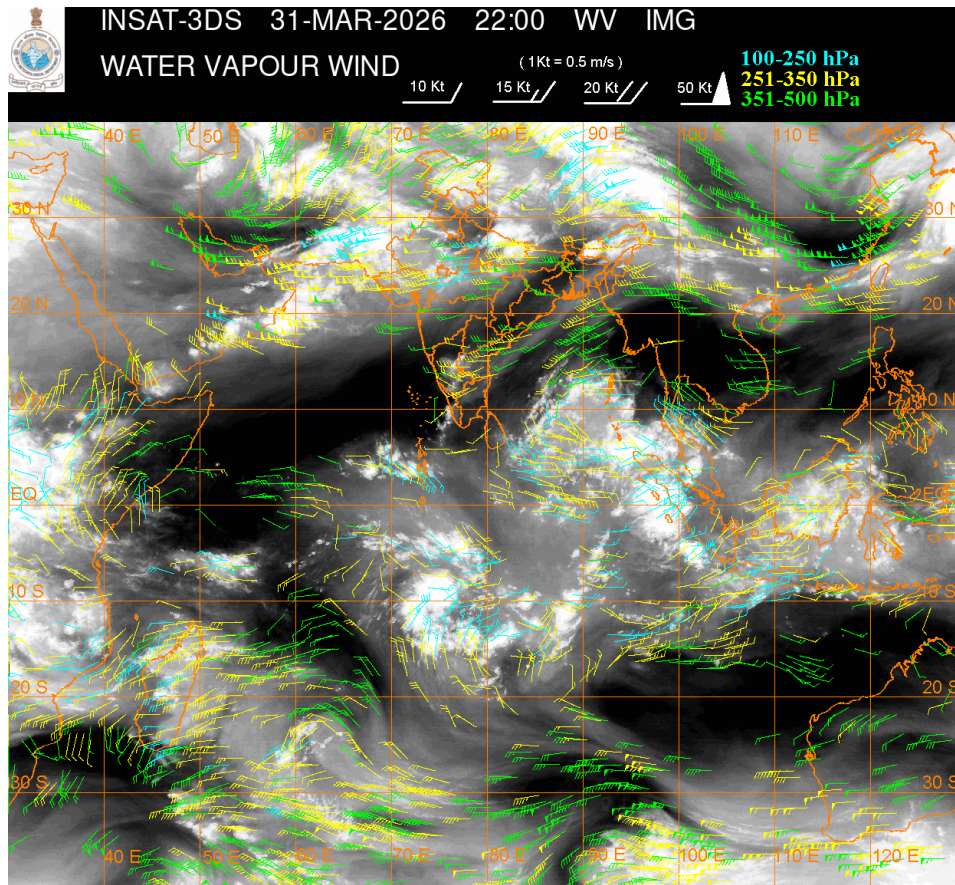
SCT MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ GUJ UP W MP NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K HP UTRKND PJB HARY DLH E RAJ W MP E JHRKND N GWB NAGA MANI MIZO SIK S TN & ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 60-80 DEGREE CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER N BHR W MP W ASSAM SIK RAJ (MINIMUM CTT MINUS 40-60 DEGREE CEL) (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NAGA MANI MIZO NE JHRKND N GWB (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR CHTGH ORS S GWB ASSAM MEGHA & BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SHWB SKM REST NE STATES (.)

WEST:

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N GUJ E RAJ SW MP AND ISOL WK TO MOD CONVTN OVER W RAJ REST MP MRTHWD (.) ISOL TO SCT LOW/MED CLOUDS OVER S GUJ REST MAHA (.)

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SIK S TN ANDAMAN & NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER TLNGN N

COTL AP (.) SCT LOW/MED CLOUDS OVER KRNTK RYLSM S COTL AP KER TN LKSDP ILS (.)

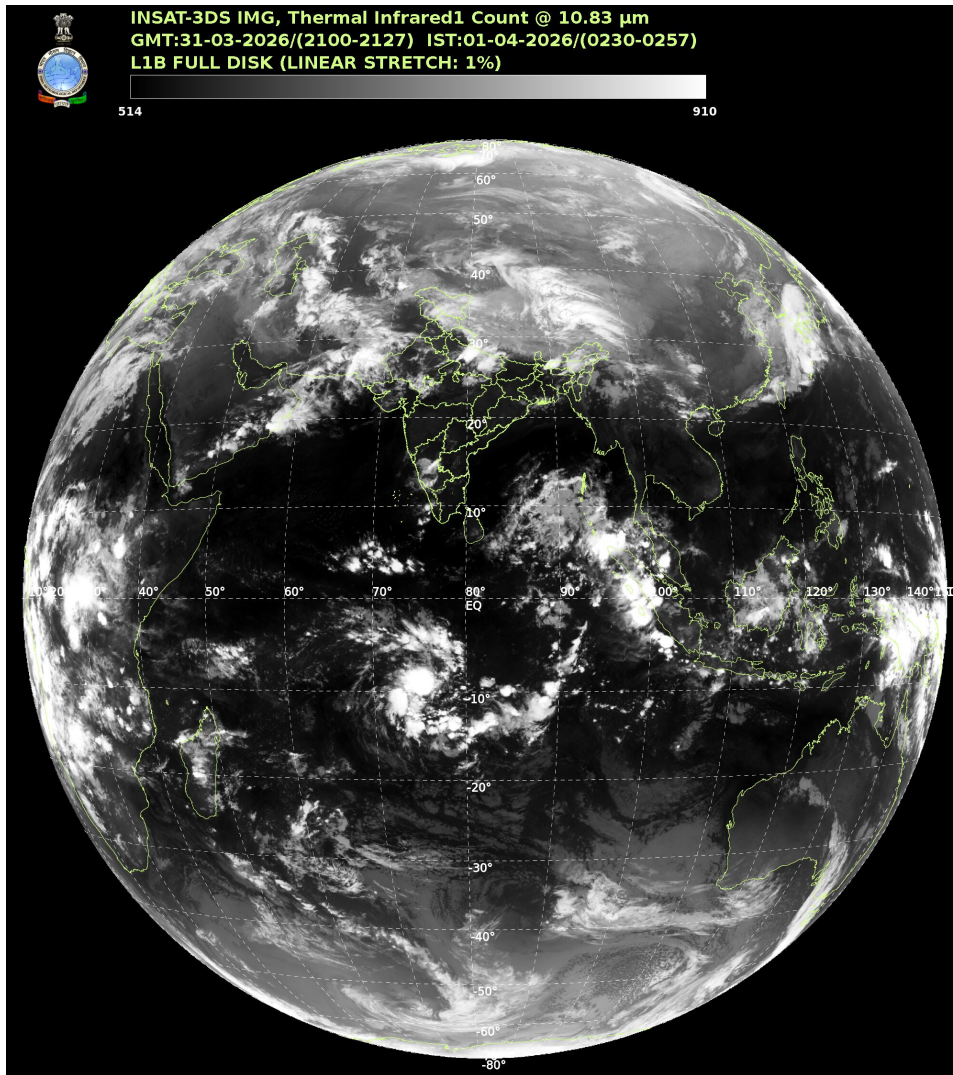
ARABIAN SEA:

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

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY AND MOD TO INT CONVTN OVER SW BAY ANDAMAN SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES AREA PAK NEPAL BHUTAN TIBET CHINA NORTH MYANMAR YELLOW SEA EAST CHINA SEA SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO LAT 17.0S LONG 60.0E TO 110.0E AND BET LAT 17.0S TO LAT 35.0S LONG 40.0E TO 70.0E (.)

T00 01/0550 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 |