

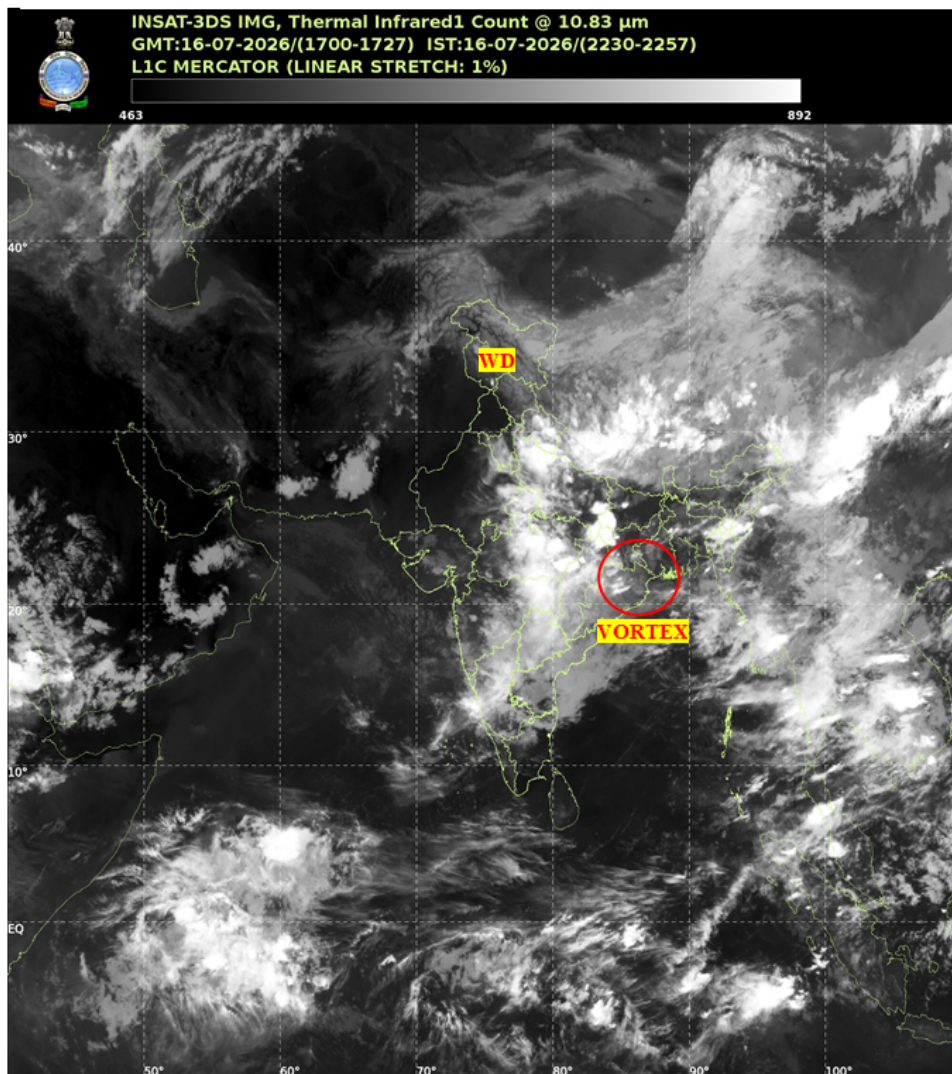


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS**

Date: 2026-07-16 Time: 18:00:00 UTC



TCIN50 DEMS 161800

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 161800 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 NORTH ODISHA-GWB COASTS AND N/HOOD:-**

VORTEX OVER NORTH ODISHA-GWB COASTS AND N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E MP VID TLNGN CHTGH JHRKND ORS (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) AND MOD TO INT CONVTN OVER GWB N COTL AP NW & WC BAY (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)

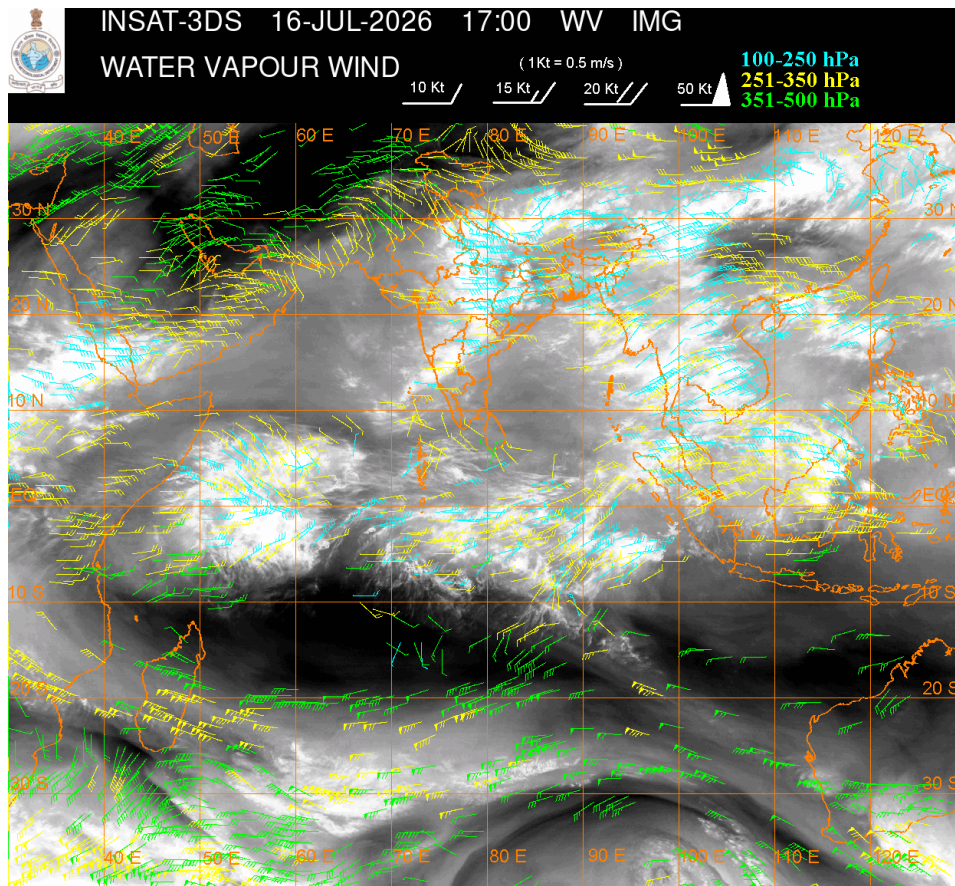
### **WESTERN DISTURBANCE (WD):-**

SCT MULTILAYERED CLOUDS OVER J&K LADAKH HP UTRKND TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

### **CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER UP UTRKND JHRKND CHTGH N ORS MP VID TLNGN RYLSM (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER BHR S ORS GWB SKM NORTH-EAST STATES S GUJ MRTHWD MADHYA MAHA KKN GOA KRNTK COTL AP N KER TN LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)



### **CLOUD DESCRIPTION WITHIN INDIA:**

#### **NORTH:**

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

#### **EAST:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER JHRKND CHTGH N ORS (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR S ORS GWB SKM NORTH-EAST STATES AND ISOL WK TO MOD CONVTN OVER SHWB (.)

#### **WEST:**

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

#### **SOUTH:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN (.) SCT TO BKN



**LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK RYLSM COTL AP LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA AND WK TO MOD CONVTN OVER KER TN (.)**

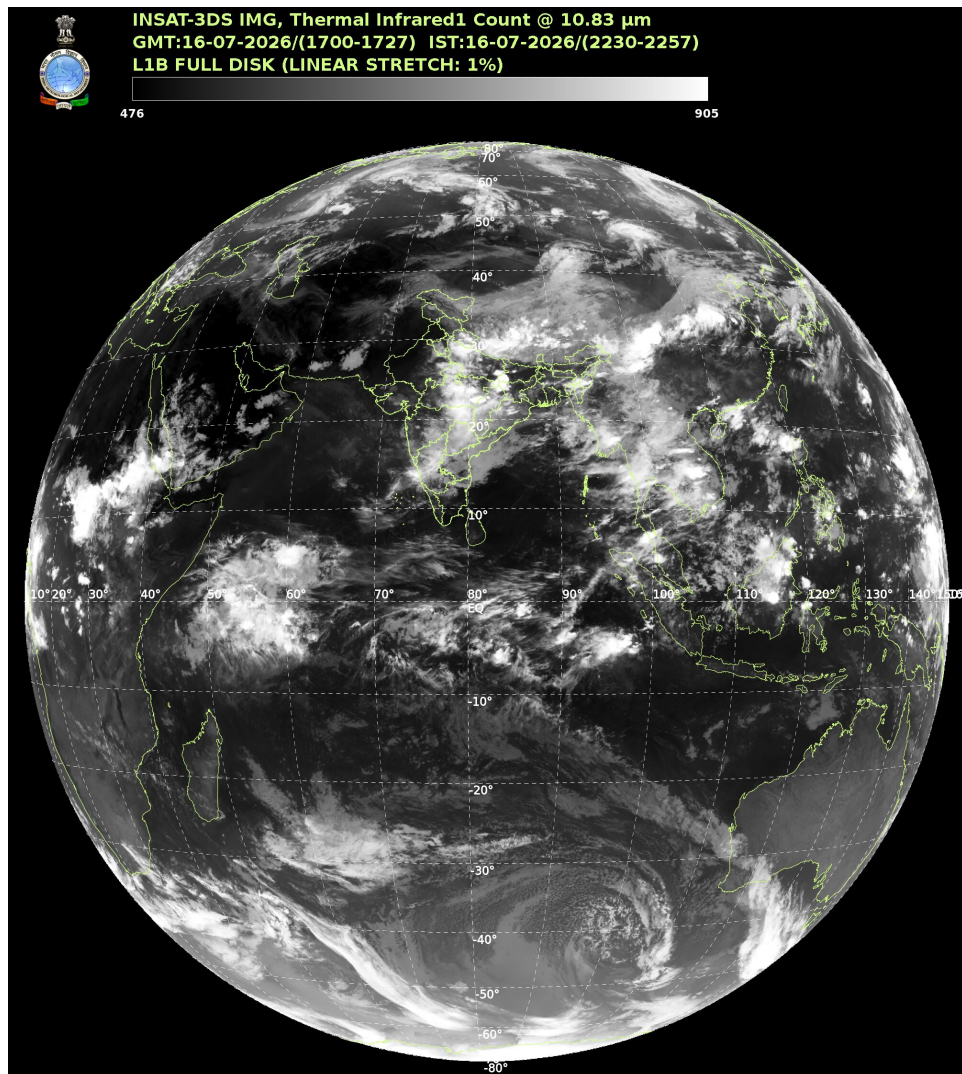
**ARABIAN SEA:**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SOUTH ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)**

**BAY OF BENGAL & ANDAMAN SEA:**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH & CENTRAL BAY ARAKAN COAST ANDAMAN SEA GULF OF MARTABAN AND TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH BAY (.)**

**CLOUD DESCRIPTION OUTSIDE INDIA:**



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF MANNAR MALDIVES AREA PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 100.0E (.)**

**T00 16/2315 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                  |