

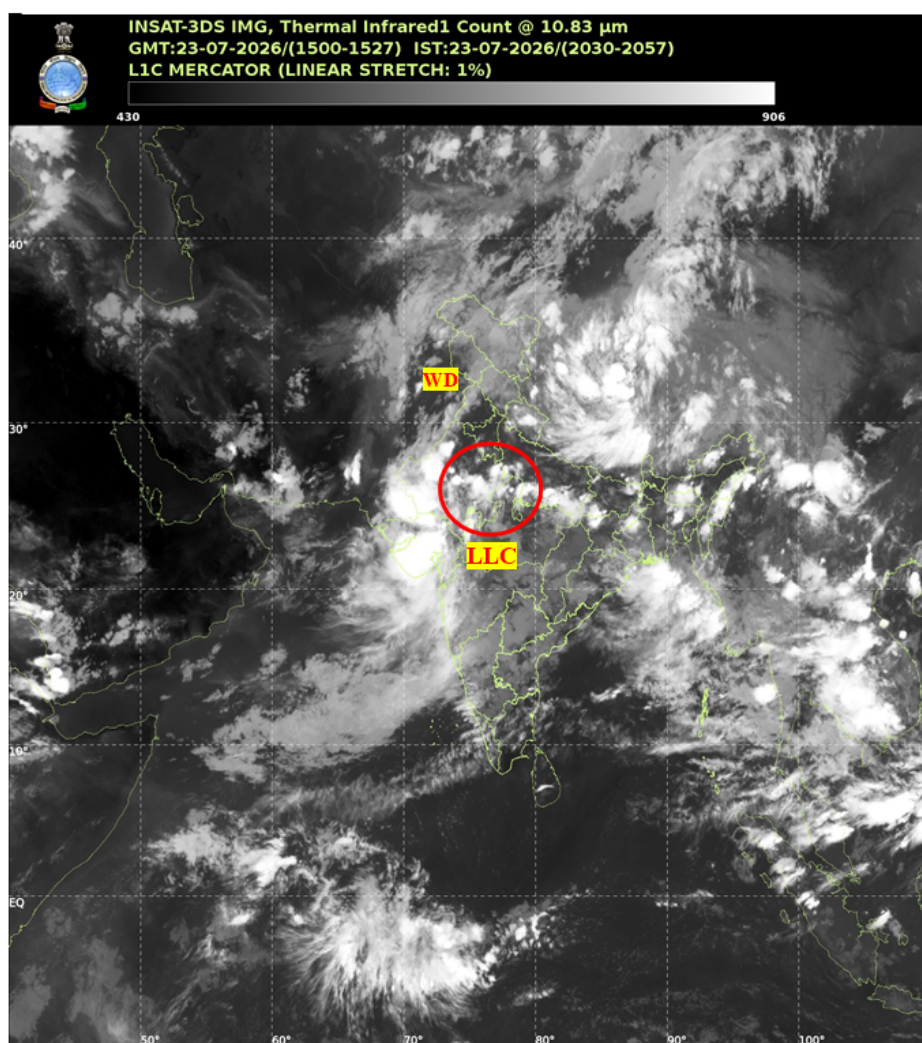


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

Date: 2026-07-23 Time: 15:00:00 UTC



TCIN50 DEMS 231500

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 231500 UTC (.)

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

**SALIENT FEATURES:**

**LOW LEVEL CIRCULATION (LLC) OVER SE RAJASTHAN ADJ NORTH MADHYA PRADESH & N/HOOD**

LOW LEVEL CIRCULATION (LLC) OVER SE RAJ ADJ N MP & N/HOOD IN ASSTD WITH SCT TO BKN  
LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RAJ MP UP GUJ N M MAHA WITH  
MINIMUM CTT MINUS 70-90 DEG CELSIUS(.)

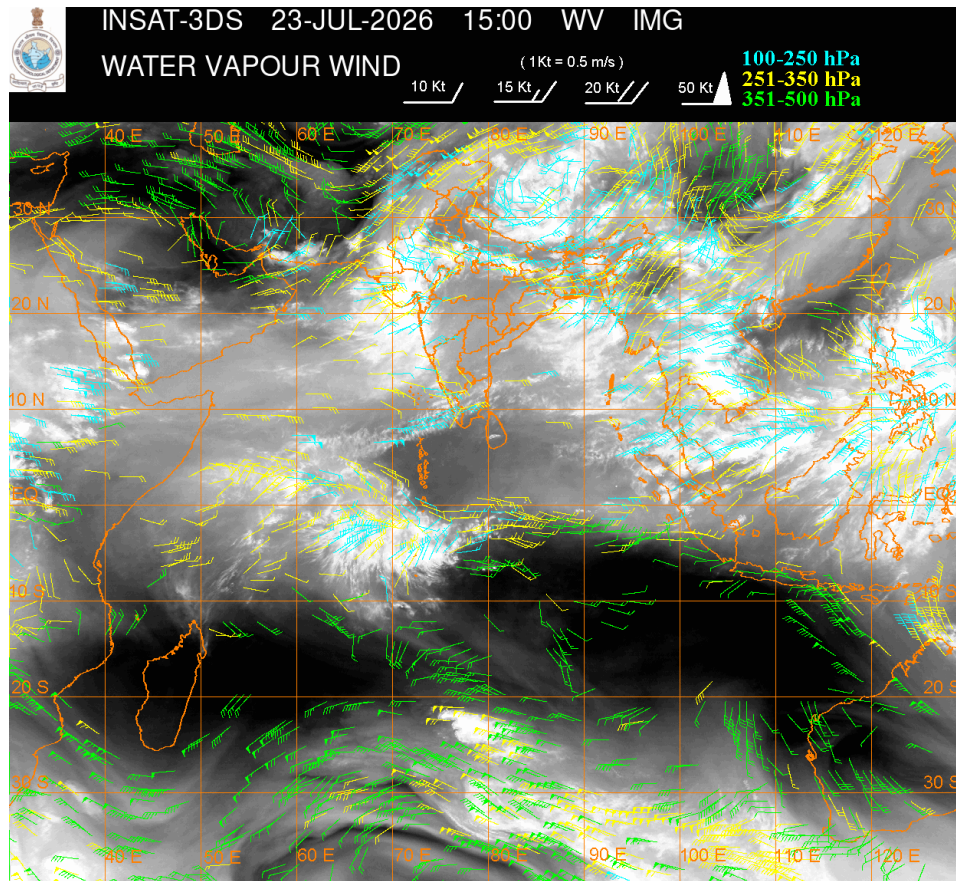
**WESTERN DISTURBANCE (WD):-**

SCT TO BKN MULTILAYERED CLOUDS OVER NORTH PAK J&K LADAKH HP UTRKND PJB HARY AND N/HOOD IN ASSW WD OVER THE AREA (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER UP RAJ BHR N JHRKND GUJ KKN N MP S GWB NE STATES (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER LADAKH J&K HP UTRKND PJB MAHA CHTGH ORS S JHRKND 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 (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP PJB UTRKND AND WK TO MOD CONVTN OVER HARY DLH (.)

**EAST:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR N JHRKND S GWB NE STATES (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH N GWB S JHRKND (.)

**WEST:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RAJ N MP GUJ KKN (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S MP MAHA GOA (.)

**SOUTH:**

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

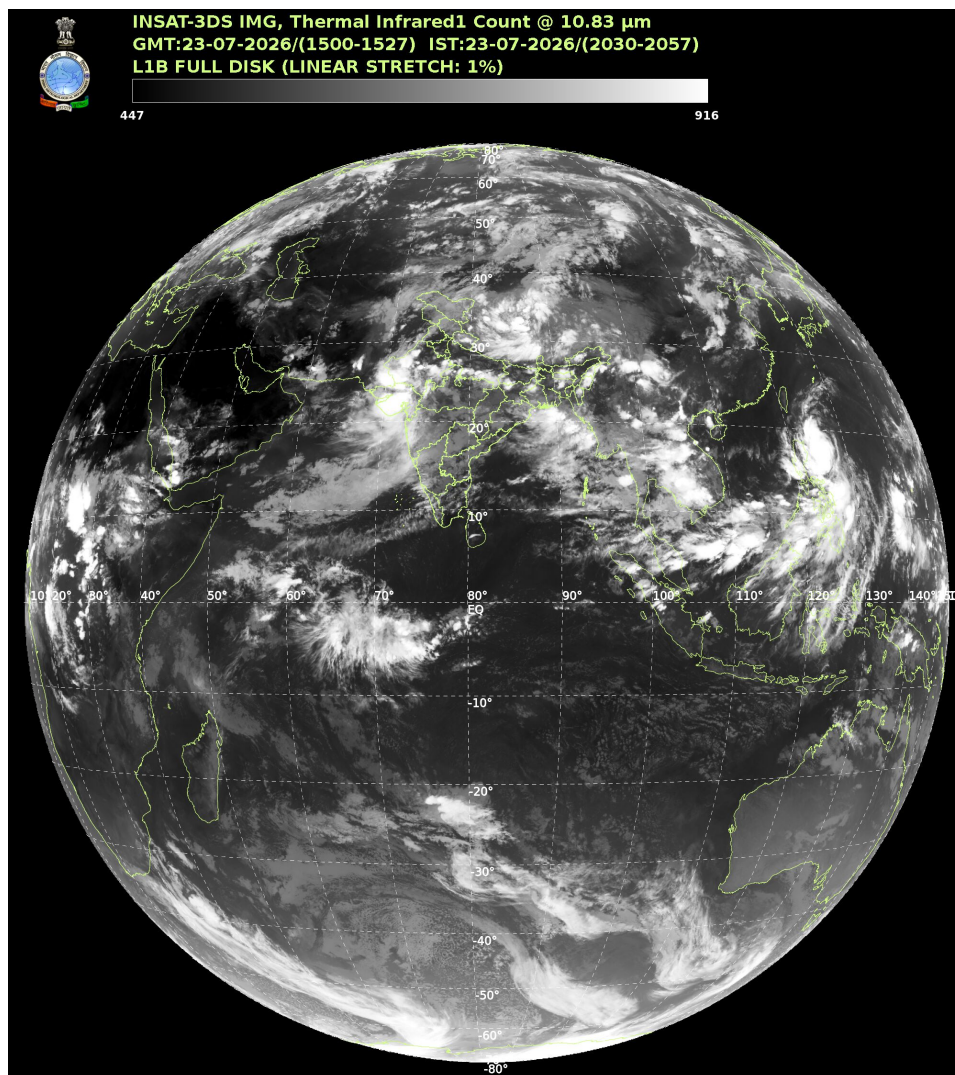
**ARABIAN SEA:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE & EC ARSEA OFF GUJ-MAHA COASTS GULF OF KUTCH & GULF OF CAMBAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST ARSEA AND LKSDP ILS AREA (.)

**BAY OF BENGAL & ANDAMAN SEA:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH BAY EC BAY ARAKAN COAST ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY (.)

**CLOUD DESCRIPTION OUTSIDE INDIA:**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES AREA PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN 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 50.0E TO 100.0 (.)

T00 23/2120 HRS IST

NNNN

**LEGEND**

| REGION |
|--------|
|--------|

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

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