

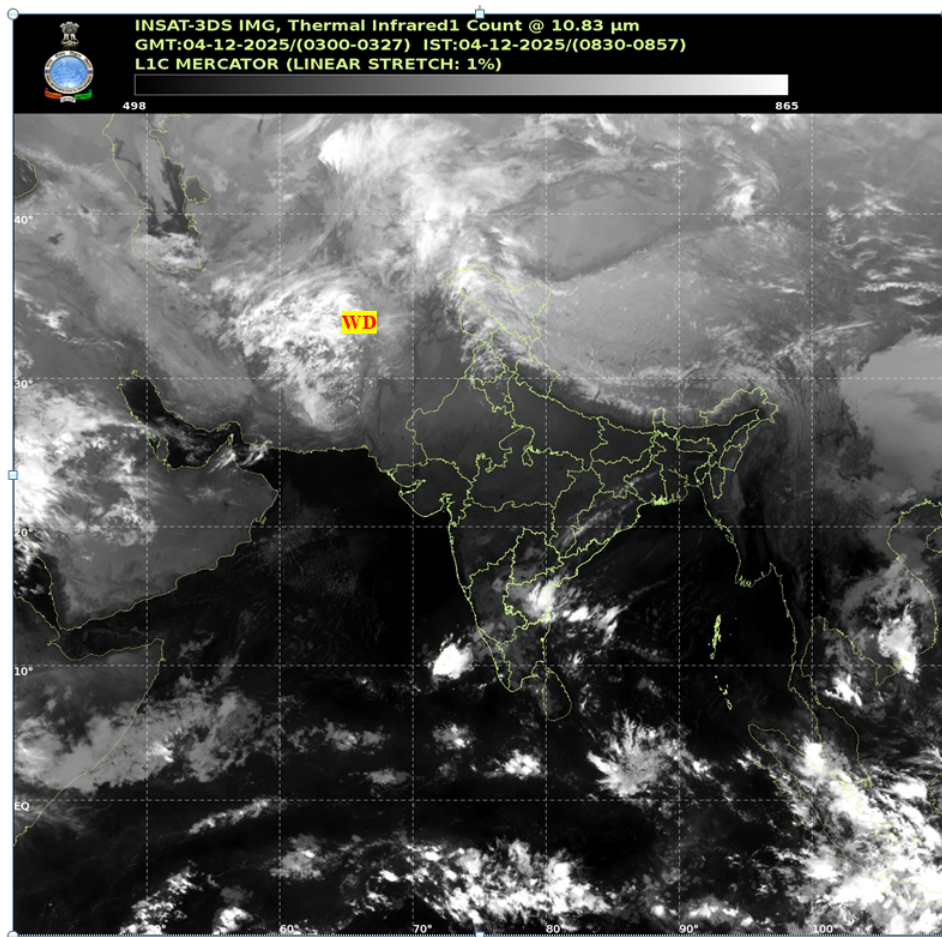


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

Date: 2025-12-04 Time: 03:00:00 UTC



TCIN50 DEMS 040300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 040300 UTC (.)

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

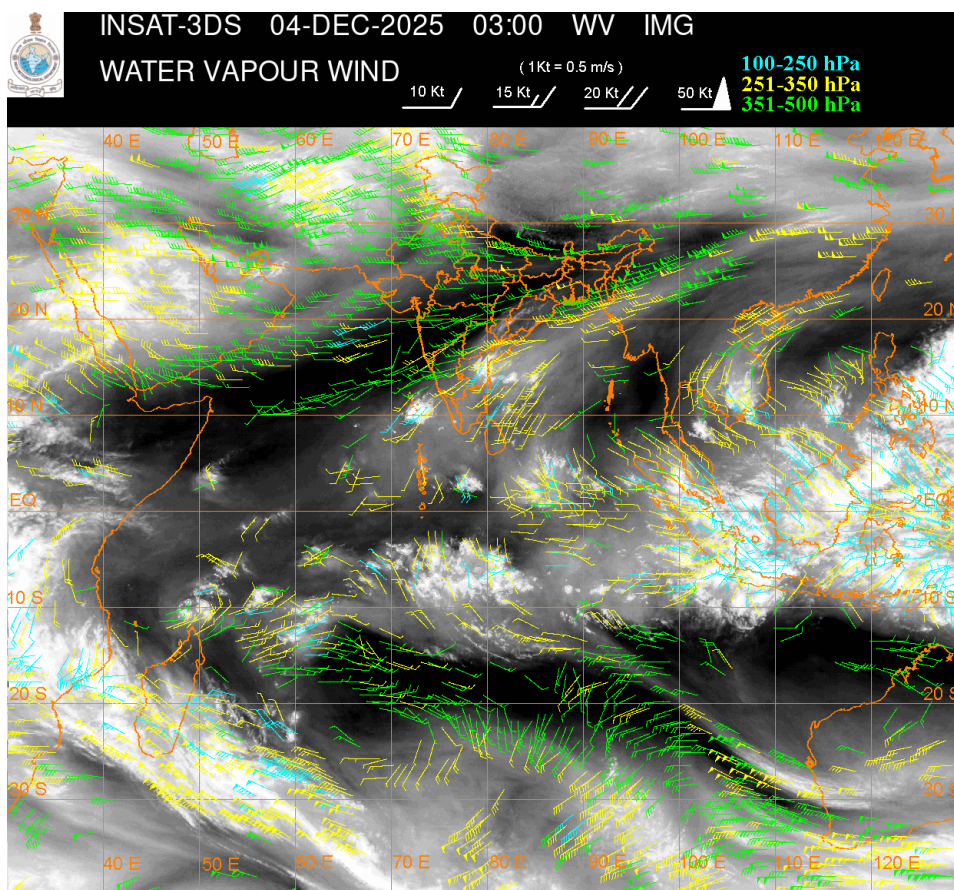
**SALIENT FEATURES:**

**WESTERN DISTURBANCE (WD)**

SCT MULTILAYERED CLOUDS OVER E IRAN AFGAN N PAK LADAKH J&K HP PJB IN ASSW WD OVER THE AREA (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY**

INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER SOUTH COTL AP LKSDP ILS (MINIMUM CTT MINUS 60-80 DEG CEL) (.)



## CLOUD DESCRIPTION WITHIN INDIA

### NORTH

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

### EAST

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

### WEST

ISOL TO SCT CLOUDS OVER MRTHWDA SOUTH MADHYA MAHA (.)

### SOUTH

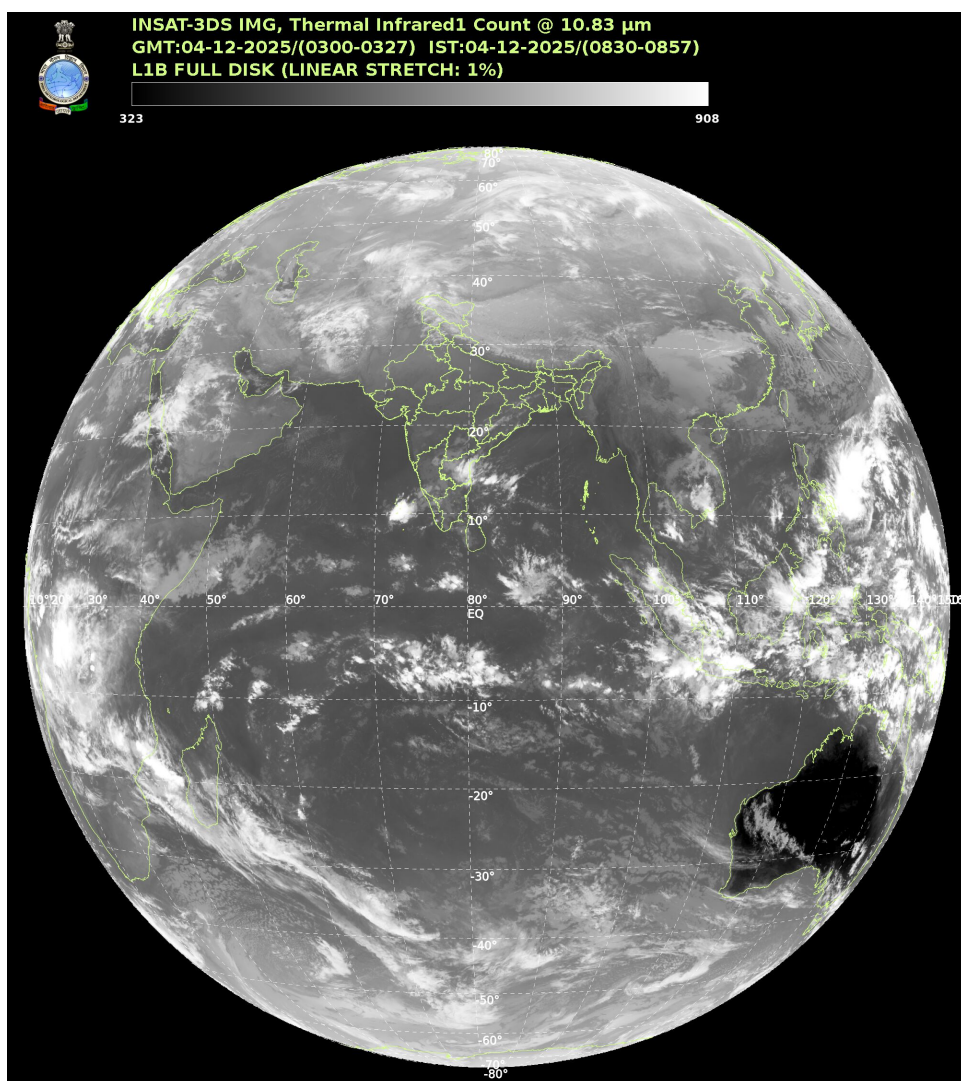
SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER SOUTH COTL AP E RYLSMA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER TLNGN W RYLSMA KRNTK KER TN (.) SCT LOW/MED CLOUDS OVER N COTL AP ANDAMAN & NICOBAR ILS (.)

### ARABIAN SEA

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER LKSDP ILS (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH ARSEA (.)

**BAY OF BENGAL & ANDAMAN SEA****SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC & SW BAY (.)****CLOUD DESCRIPTION OUTSIDE INDIA**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES AREA TIBET  
CHINA CAMBODIA 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 LAT 20.0S LONG 50.0E  
TO 110.0E (.)**

**TOO 04/0940 HRS IST=****NNNN**

LEGEND:-

|                                                                   |              |                                                      |
|-------------------------------------------------------------------|--------------|------------------------------------------------------|
| REGION                                                            | NORTH        | J&K HP UTRKND PJB HARY DLH UP                        |
|                                                                   | EAST         | BHR JHRKND CHTGH ORS WB<br>SKM NORTH-EAST STATES     |
|                                                                   | WEST         | RAJ MP GUJ MAHA GOA                                  |
|                                                                   | SOUTH        | TLNGN AP KRNTK KER TN LKSDP<br>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<br>(CTT GREATER THAN -25°C)          |
|                                                                   | MOD CONVTN   | MODERATE CONVECTION<br>(CTT BETWEEN -25°C TO -40°C)  |
|                                                                   | INT CONVTN   | INTENSE CONVECTION<br>(CTT BETWEEN -41°C TO -70°C)   |
|                                                                   | V INT CONVTN | VERY INTENSE CONVECTION<br>(CTT LESS THAN -70°C)     |
|                                                                   |              |                                                      |
| METEOROLOGICAL<br>SUB- DIVISIONS,<br>STATES & UNION<br>TERITORIES | 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          | MONKAN                                               |
|                                                                   | TLNGN        | TELANGANA                                            |
|                                                                   | RYLSM        | RAYALSEEMA                                           |
|                                                                   | COTLAP       | COASTAL ANDHRA PRADESH                               |
|                                                                   | NIK          | NORTH INTERIOR KARNATAKA                             |

|                      |                   |                                 |
|----------------------|-------------------|---------------------------------|
|                      | <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>                  |