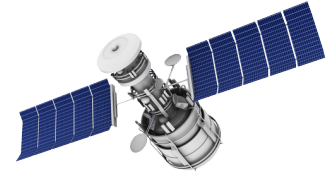


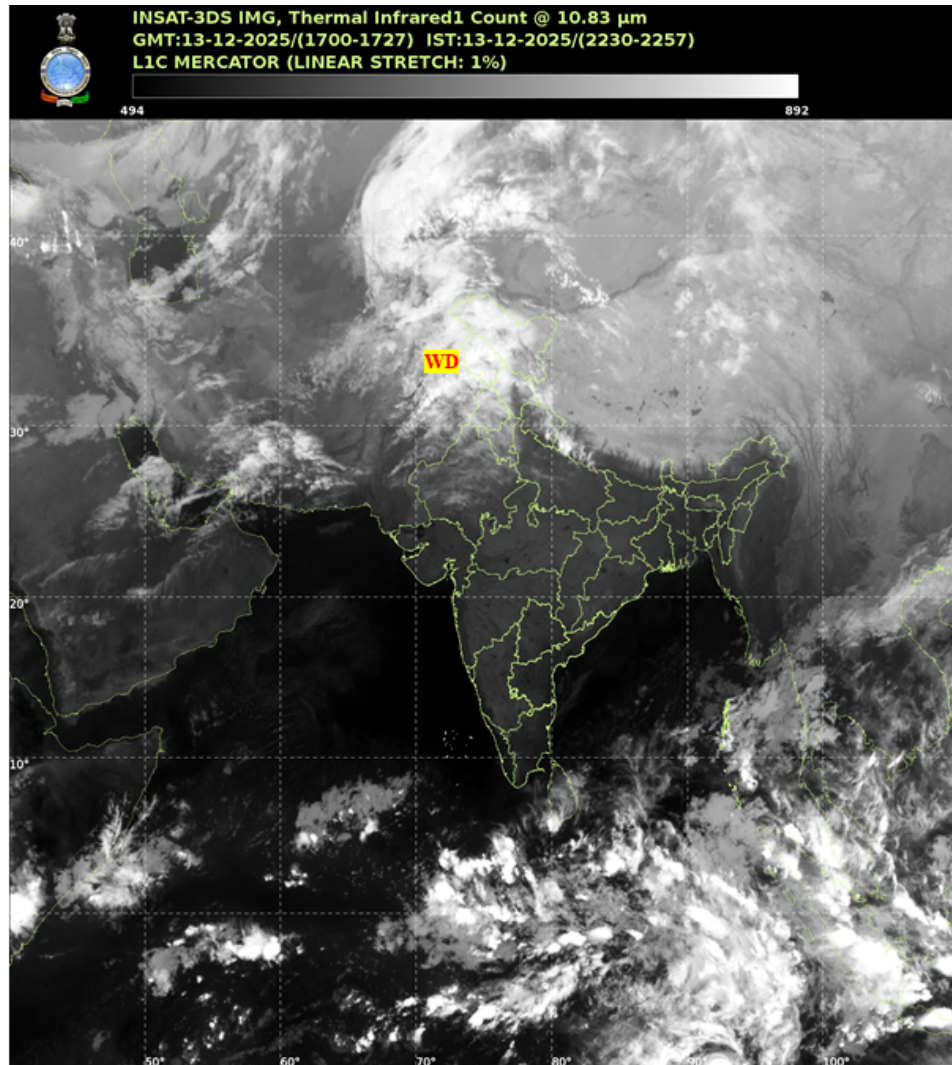


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

Date: 2025-12-13 Time: 18:00:00 UTC



TCIN50 DEMS 131800

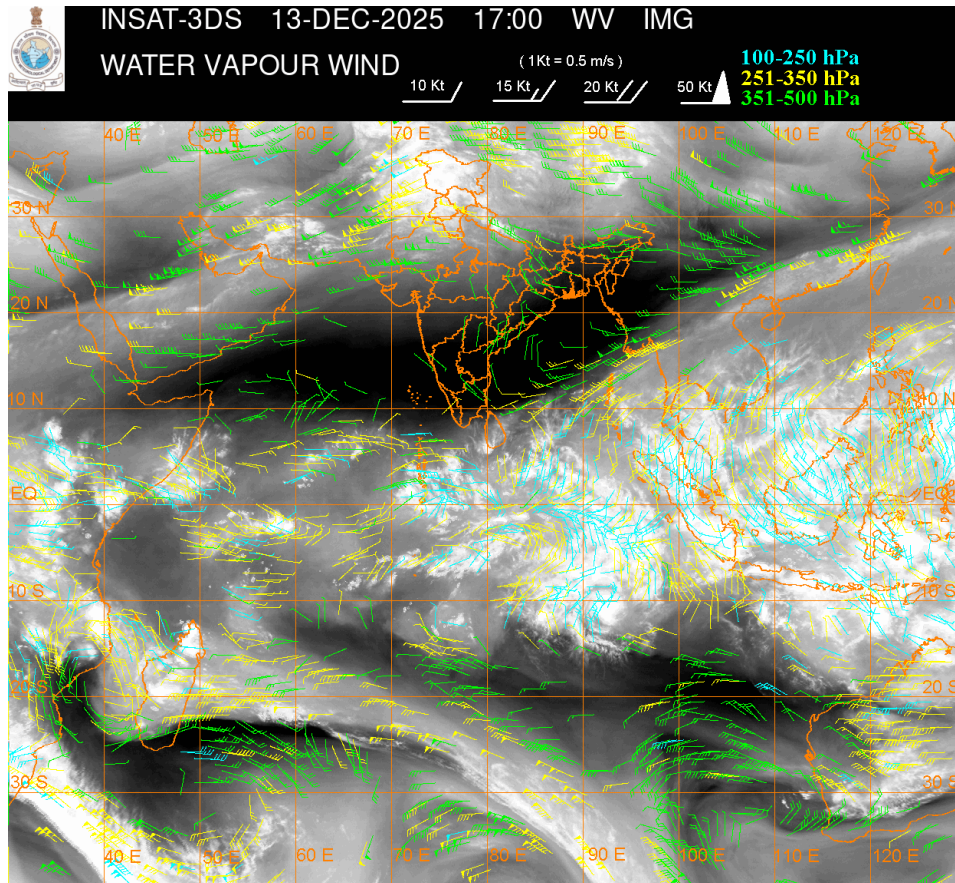
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 131800 UTC (.)

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 AFGAN PAK LADAKH J&K HP UTRKND WEST RAJ PJB  
HARY & N/HOOD IN ASSW WD OVER THE AREA (.)



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

##### **NORTH**

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

##### **EAST**

ISOL LOW/MED CLOUDS OVER NE STATES (.)

##### **WEST**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N & W RAJ (.)

##### **SOUTH**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER ANDAMAN & NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS OVER S TN (.)

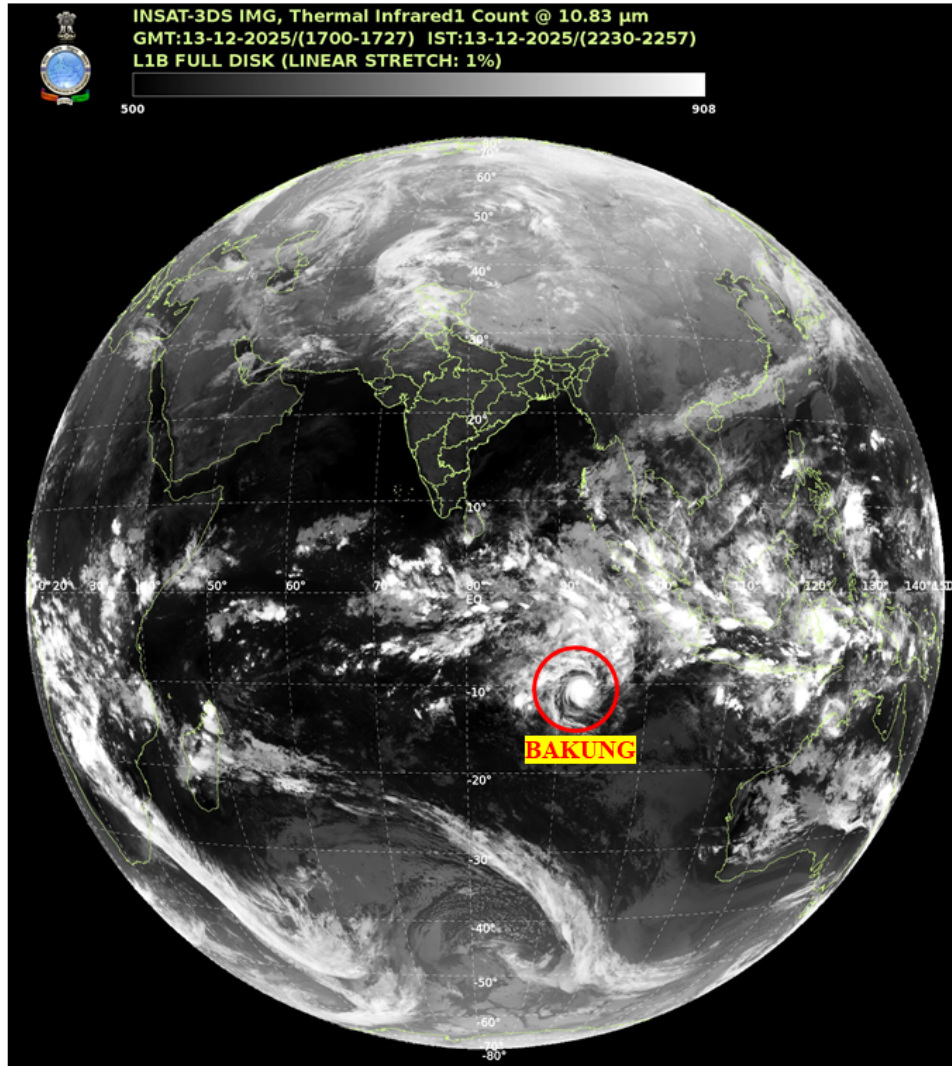
##### **ARABIAN SEA**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL PARTS OF EXTREME SOUTH ARSEA ADJ EQUATORIAL INDIAN OCEAN MALDIVES AND COMORIN AREA (.)

##### **BAY OF BENGAL & ANDAMAN SEA**

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

#### **CLOUD DESCRIPTION OUTSIDE INDIA**



**VORTEX (BAKUNG) OVER SOUTH INDIAN OCEAN:**

**VORTEX (BAKUNG) OVER SOUTH INDIAN OCEAN (AREA E75) CENTERED NEAR 8.9S / 92.9E (.)**  
**INTENSITY T3.5/4.0(.) MAXIMUM SUSTAINED WINDS 48-63 KTS (.) ASSTD SCT TO BKN LOW/MED**  
**CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 8.0S TO 14.0S LONG 90.0E TO**  
**94.0E (.)**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK TIBET CHINA**  
**EAST CHINA SEA YELLOW SEA EAST CHINA SEA THAILAND GULF OF THAILAND CAMBODIA LAOS**  
**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 15.0S LONG 40.0E TO 120.0E AND BET LAT 15.0S TO 35.0S**  
**LONG 40.0E TO 80.0E (.)**

**TOO 13/2330 HRS IST=**

**NNNN**

## **LEGEND**

| REGION |                                               |
|--------|-----------------------------------------------|
| NORTH  | J&K HP UTRKND PJB HARY DLH UP                 |
| EAST   | BHR JHRKND CHTGH ORS WB SKM NORTH-EAST STATES |

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