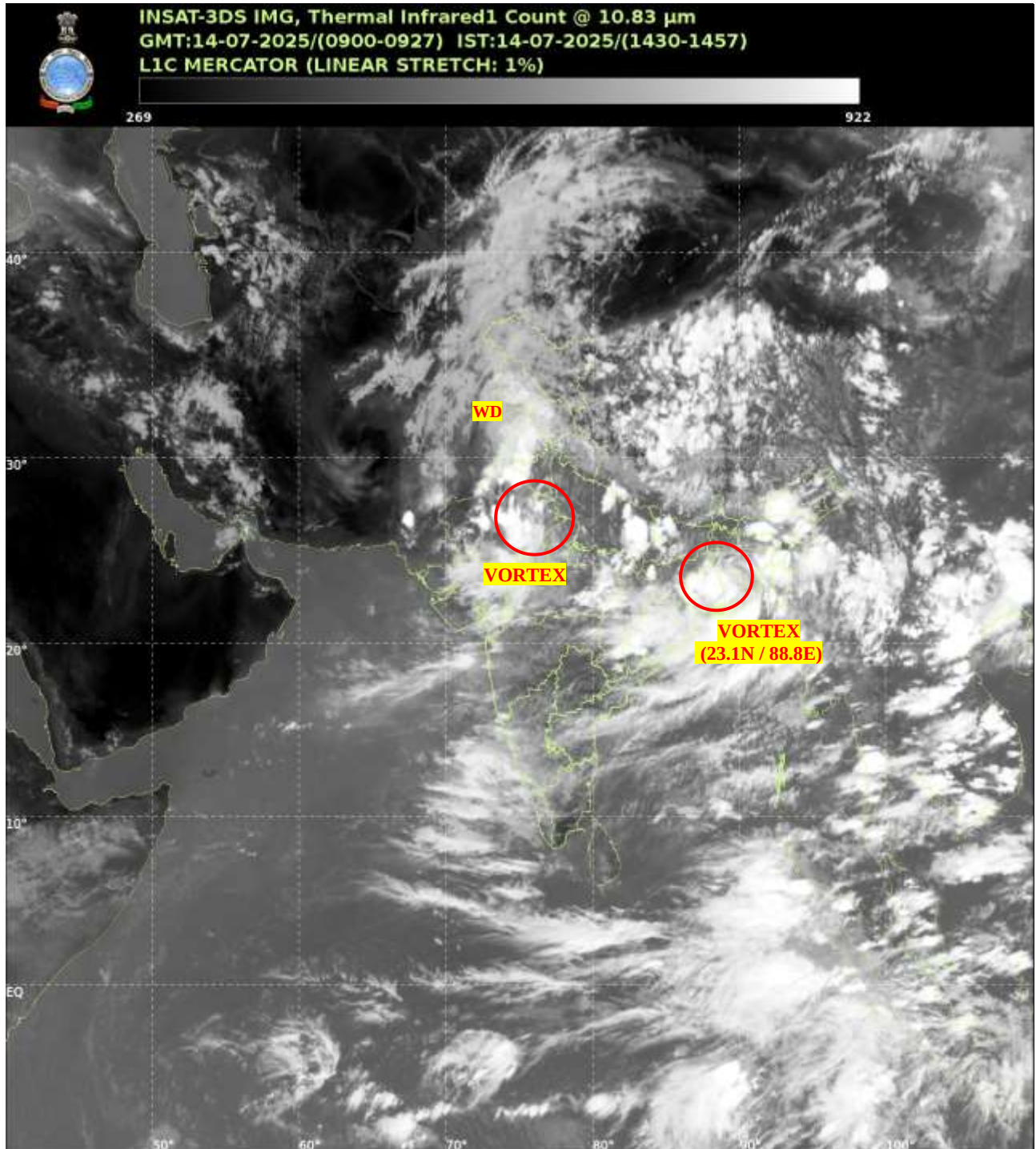




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**14.07.2025 TIME 0900 UTC**



TCIN50 DEMS 140900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 140900 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 SE GWB ADJ BANGLADESH & N/HOOD:-**

VORTEX OVER SE GWB ADJ BANGLADESH N/HOOD CENTERED WITHIN HALF A DEGREE OF **23.1N/88.8E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER ORS JHRKND GWB SOUTH BANGLADESH AND NORTH BAY (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

**VORTEX OVER NORTH-EAST RAJASTHAN ADJ NORTH-WEST MADHYA PRADESH:-**

VORTEX OVER NE RAJ ADJ NW MP (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER RAJ W MP (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER SE HARY DLH W UP E GUJ (MINIMUM **CTT MINUS 50-60 DEG CEL**) (.)



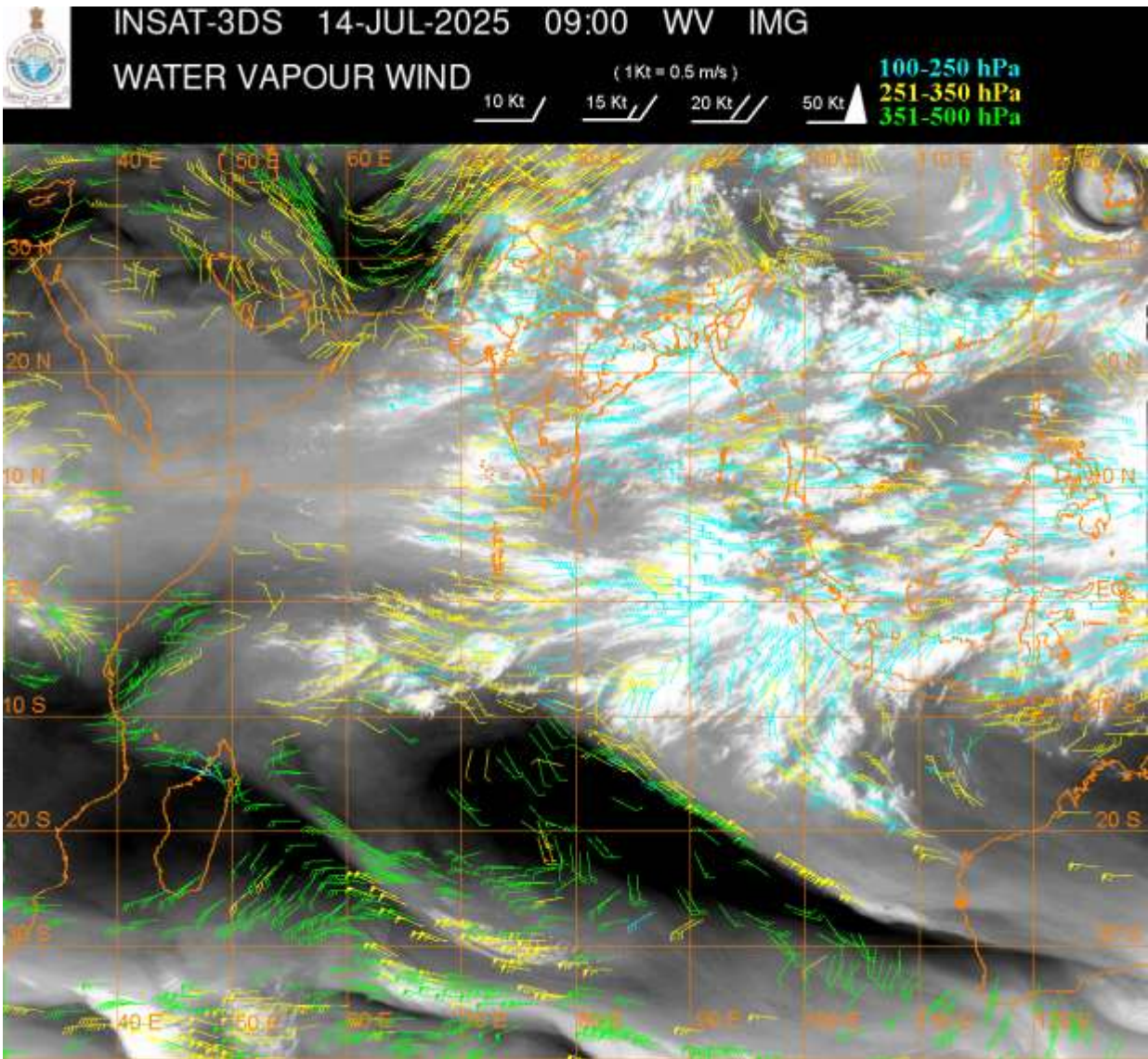
**WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER EAST AFGAN PAK LADAKH J&K HP UTRKND PJB HARY TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER PJB W HP N HARY RAJ W MP E UP GUJ CHTGH JHRKND ORS GWB ASSAM & BD (MINIMUM **CTT MINUS 70-90 DEG** CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER HP UTRKND S HARY NW UP E MP S CHTGH SHWB SKM REST NE STATES N KKN COTL KRNTK KER LKSDP ILS ANDAMAN & NICOBAR ILS (MINIMUM **CTT MINUS 50-70 DEG** CEL) (.)



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

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

**EAST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH JHRKND BHR ORS GWB ASSAM & BD (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SHWB SKM REST NE STATES (.)

**WEST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RAJ W MP GUJ (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP N KKN NORTH MADHYA MAHA AND WK TO MOD CONVTN OVER REST MAHA GOA (.)

**SOUTH:-**

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

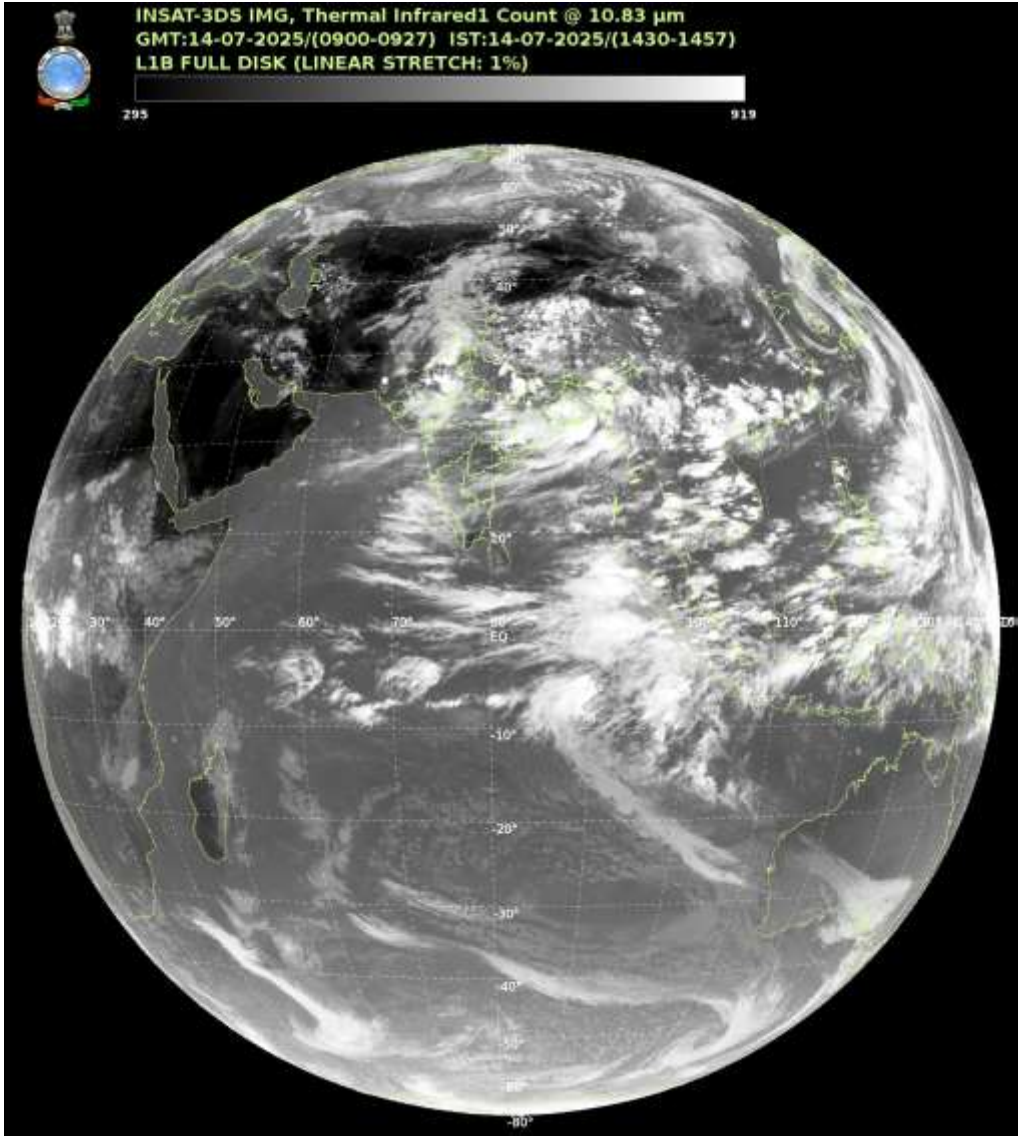
**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF CAMBAY EC & SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

**BAY OF BENGAL & ANDAMAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH ADJ CENTRAL BAY & SE BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY ANDAMAN SEA (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 55.0E TO 105.0E (.)

TOO 14/1550 EF=

NNNN

LEGEND:-

|                                                                   |              |                                                      |
|-------------------------------------------------------------------|--------------|------------------------------------------------------|
| REGION                                                            | NORTH        | J&K HP PJB HARY DLH UP UTRKND                        |
|                                                                   | 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 | ARUPR        | ARUNACHAL PRADESH                                    |
|                                                                   | BHR          | BIHAR                                                |
|                                                                   | CHTGH        | CHHATTISGARH                                         |
|                                                                   | COTL AP      | COASTAL ANDHRA PRADESH                               |
|                                                                   | COTL KRNTK   | COASTAL KARNATAKA                                    |
|                                                                   | COTL ORS     | COASTAL ORISSA                                       |
|                                                                   | GUJ          | GUJARAT                                              |
|                                                                   | GWB          | GANGETIC WEST BENGAL                                 |
|                                                                   | HARY         | HARYANA                                              |
|                                                                   | DLH          | DELHI                                                |
|                                                                   | HP           | HIMACHAL PRADESH                                     |
|                                                                   | J&K          | JAMMU AND KASHMIR                                    |
|                                                                   | JHRKND       | JHARKHAND                                            |
|                                                                   | KER          | KERALA                                               |
|                                                                   | KKN          | KONKAN                                               |
|                                                                   | LKSDP        | LAKSHADWEEP                                          |
|                                                                   | M MAHA       | MADHYA MAHARASHTRA                                   |
|                                                                   | MAHA         | MAHARASHTRA                                          |
|                                                                   | MANI         | MANIPUR                                              |
|                                                                   | MEGHA        | MEGHALAYA                                            |
|                                                                   | MIZO         | MIZORAM                                              |
|                                                                   | MP           | MADHYA PRADESH                                       |
|                                                                   | MRTHWD       | MARATHWADA                                           |

|               |             |                              |
|---------------|-------------|------------------------------|
|               | NAGA        | NAGALAND                     |
|               | N COTL AP   | NORTH COASTAL ANDHRA PRADESH |
|               | NIK         | NORTH INTERIOR KARNATAKA     |
|               | ORS         | ORISSA                       |
|               | PJB         | PUNJAB                       |
|               | RAJ         | RAJASTHAN                    |
|               | RYLSM       | RAYALASEEMA                  |
|               | SAU & KUTCH | SAURASHTRA & KUTCH           |
|               | SHWB        | SUB-HIMALAYAN WEST BENGAL    |
|               | SIK         | SOUTH INTERIOR KARNATAKA     |
|               | SKM         | SIKKIM                       |
|               | TLNGN       | TELANGANA                    |
|               | TN          | TAMIL NADU                   |
|               | TRP         | TRIPURA                      |
|               | UP          | UTTAR PRADESH                |
|               | UTRKND      | UTTARAKHAND                  |
|               | VID         | VIDHARBHA                    |
|               | SHWB        | SUB HIMALAYAN WEST BENGAL    |
|               | GWB         | GANGETIC WEST BENGAL         |
|               | ARSEA       | ARABIAN SEA                  |
|               | ILS         | ISLANDS                      |
| MISCELLANEOUS | ASSW        | IN ASSOCIATION WITH          |
|               | ASSTD       | ASSOCIATED                   |
|               | LLC         | LOW LEVEL CIRCULATION        |
|               | EMBDD       | EMBEDDED                     |
|               | N/HOOD      | NEIGHBOURHOOD                |
|               | EXT         | EXTREME                      |