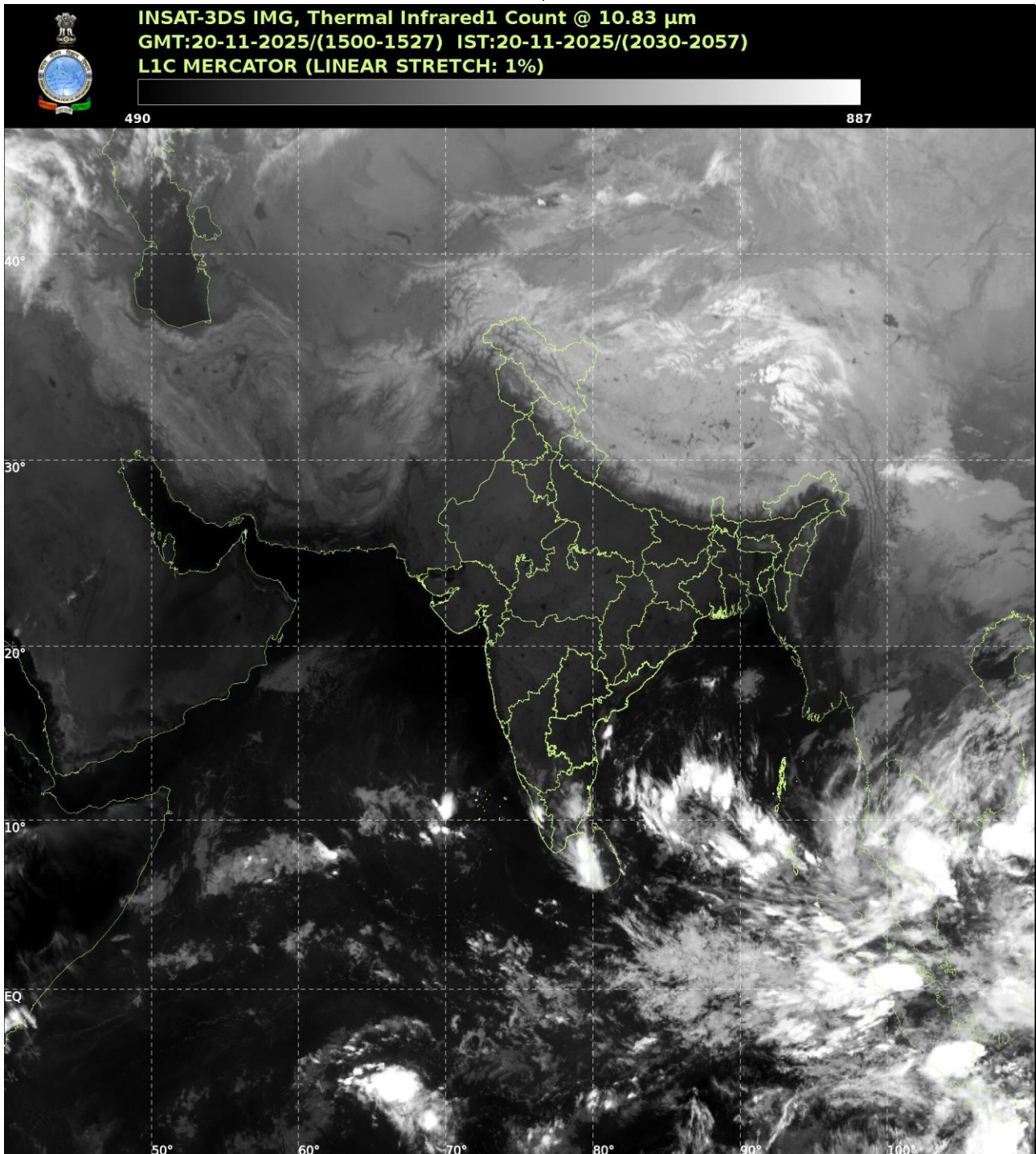




भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**20.11.2025 TIME 1500 UTC**



TCIN50 DEMS 201500

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 201500 UTC (.)

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

**SALIENT FEATURES:-**

**CONVECTION OVER SOUTH ANDAMAN SEA & N/HOOD:-**

INTENSE CONVECTION OVER SOUTH ANDAMAN SEA & N/HOOD PERSISTS (MINIMUM **CTT MINUS 60-80 DEG CEL**) (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

MODERATE TO INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER KER TN NICOBAR ILS AREA (MINIMUM **CTT MINUS 40-70 DEG CEL**) (.)



INSAT-3DS 20-NOV-2025 15:00 WV IMG

WATER VAPOUR WIND

( 1Kt = 0.5 m/s )

10 Kt

15 Kt

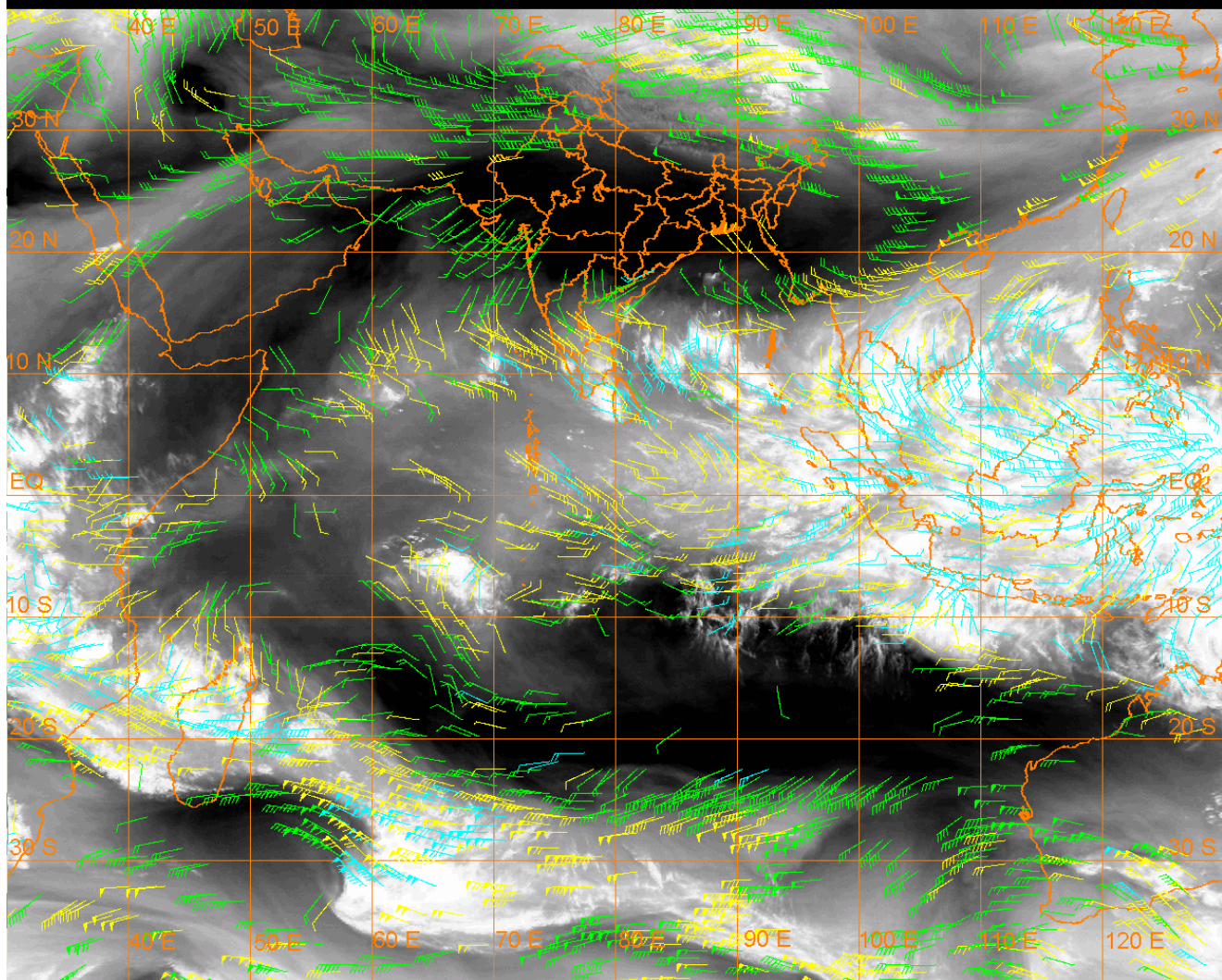
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



#### CLOUDS DESCRIPTION WITHIN INDIA:-

##### NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND (.) ISOL LOW/MED CLOUDS OVER S HP S UTRKND (.)

##### EAST:-

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

##### WEST:-

NO SIGNIFICANT CLOUDS OVER THE REGION (.)

##### SOUTH:-

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

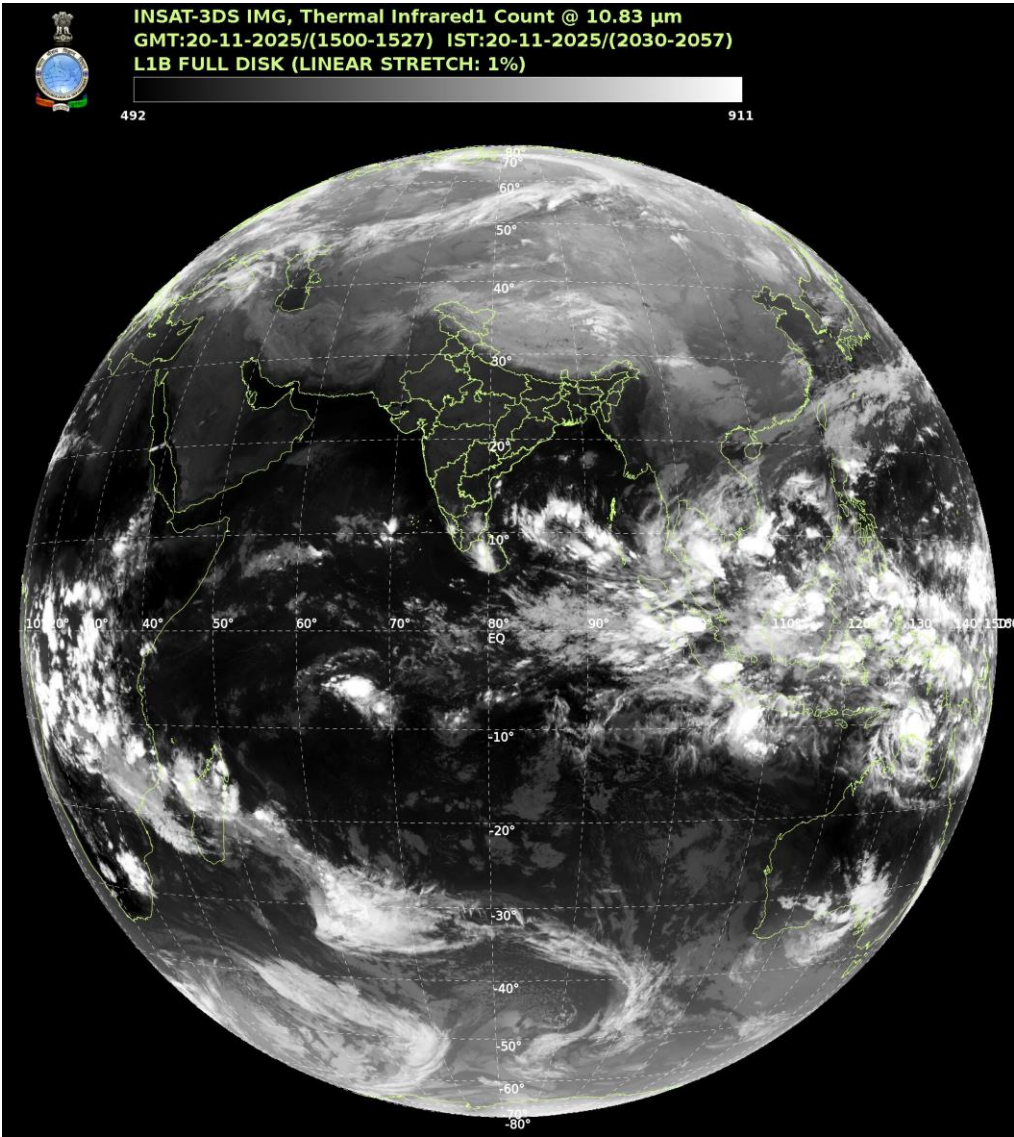
##### ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA AND ISOL WK TO MOD CONVTN OVER COMORIN AREA (.) SCT LOW/MED CLOUDS OVER CENTRAL ARSEA & LKSDP ILS AREA (.)

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

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY AND ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA 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 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 60.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 50.0E TO 80.0E (.)

TOO 20/2130 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%)                          |

|                                                                                 |                        |                                                             |
|---------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|
| <b>CLOUDS TOP TEMPERATURE</b>                                                   | <b>CTT</b>             | <b>CLOUD TOP TEMPERATURE</b>                                |
| <b>CONVECTION</b>                                                               | <b>WK CONVTN</b>       | <b>WEAK CONVECTION<br/>(CTT GREATER THAN –25°C)</b>         |
|                                                                                 | <b>MOD CONVTN</b>      | <b>MODERATE CONVECTION<br/>(CTT BETWEEN -25°C TO -40°C)</b> |
|                                                                                 | <b>INT CONVTN</b>      | <b>INTENSE CONVECTION<br/>(CTT BETWEEN -41°C TO -70°C)</b>  |
|                                                                                 | <b>V INT CONVTN</b>    | <b>VERY INTENSE CONVECTION<br/>(CTT LESS THAN -70°C)</b>    |
|                                                                                 |                        |                                                             |
| <b>METEOROLOGICAL<br/>SUB- DIVISIONS,<br/>STATES &amp; UNION<br/>TERITORIES</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>ODISHA</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>NAGA</b>            | <b>NAGALAND</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>RAYALASEEMA</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>               |