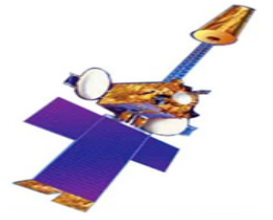




भारत मौसम विज्ञान विभाग  
 पृथ्वी विज्ञान मंत्रालय  
 India Meteorological Department  
 Ministry of Earth Sciences



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

**14.08.2018 TIME 1200 UTC**

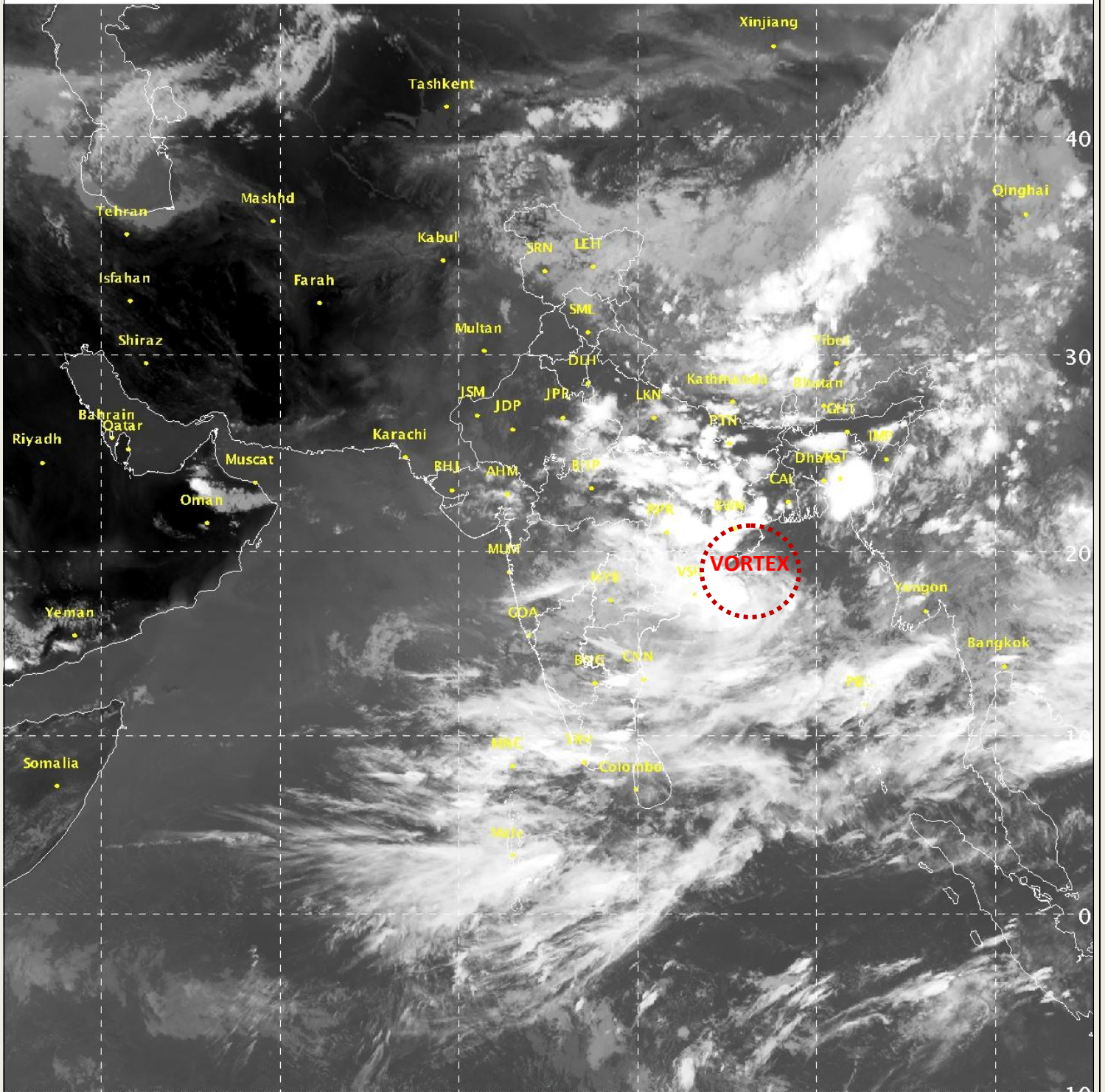
SAT :INSAT-3D IMG

14-08-2018/12:00 GMT

IMG\_TIR1 10.8 um

14-08-2018/17:30 IST

L1C Mercator (LINEAR STRETCH: 1.0% )



IMD/Delhi

TCIN50 DEMS 141200

SATELLITE BULLETIN BASED ON INSAT PIC OF 141200 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES :-**

**VORTEX OVER NW BAY & N/HOOD :-**

VORTEX OVER NW BAY & N/HOOD CENTRED WITHIN HALF A DEG OF **18.5N/88.0E** (.) INTENSITY **T1.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY (.)

**CLOUDS DESCRIPTIONS WITHIN INDIA :-**

**NORTH :-**

SCT LOW/MED CLOUDS WITH EMBDD ISOLATED INT TO V INT CONVEN OVER E & SW UP (.) ISOL LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER J&K NW HP UTRKND (.) ISOL LOW/MED CLOUDS OVER SE HARY & DLH (.)

**EAST:-**

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ORS CHTGH JHRKND MEGHA NAGA MIZO TRIPURA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL INT TO V INT CONVTN OVER BIHAR GWB SHWB MANI ARUNACHAL AND REST PARTS OF THE REGION (.)

**WEST:-**

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N & E MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST MP MAHA GUJ (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER E RAJ (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

**SOUTH:-**

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE AP (.) BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN RYLSM AP KRNTK KER TN LKSDP & BAY ILS (.)

**ARABIAN SEA :-**

SCT LOW/MED CLOUDS WITH EMBDD MOD CONVTN OVER C & SE AR SEA LKSDP & COMORIN (.)

ISOL LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER N ARSEA (.)

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

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY ADJ NW BAY (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S BAY & EC BAY ANDAMAN SEA (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA :-**

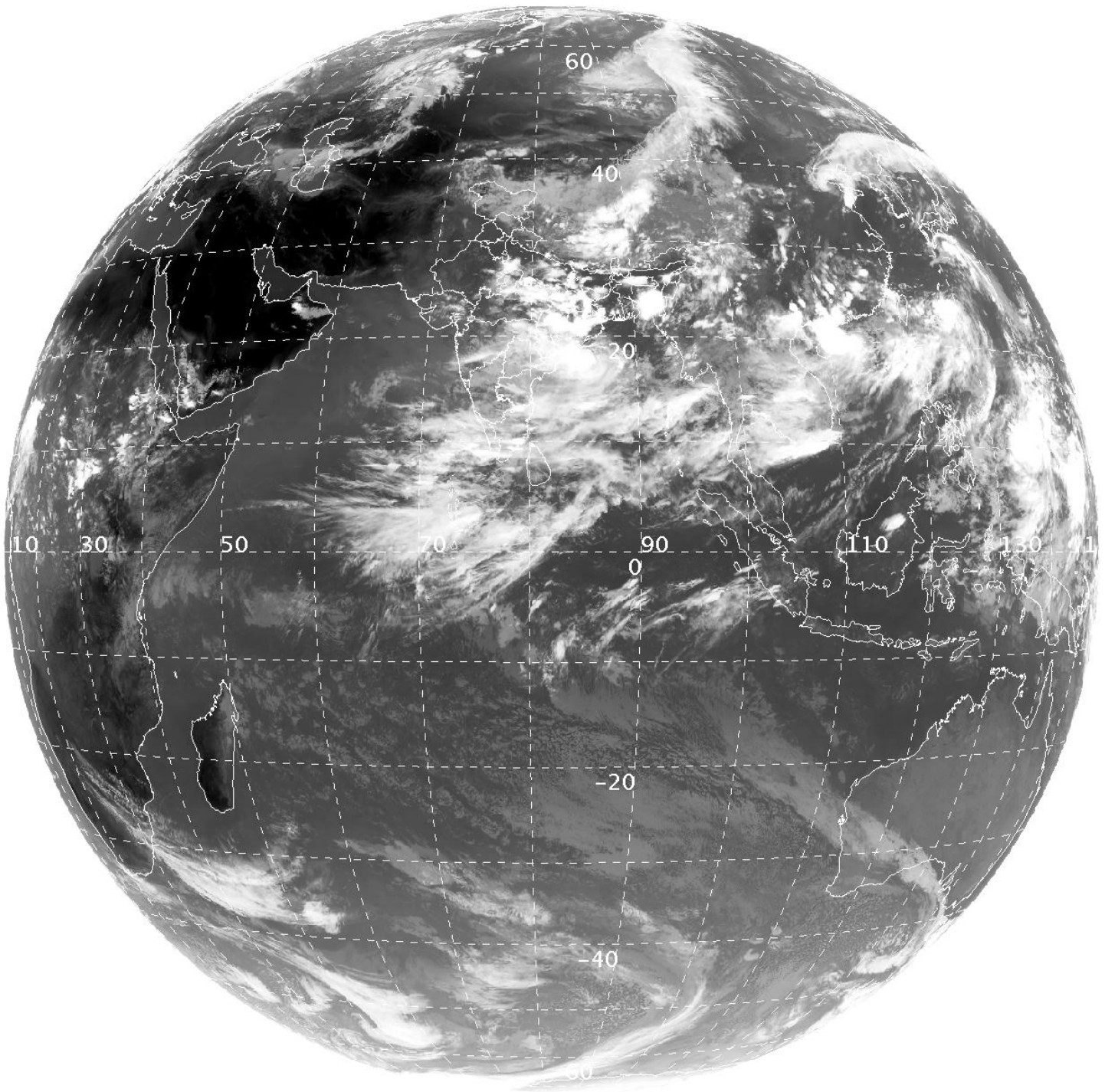
SAT :INSAT-3D IMG

14-08-2018/(1200 to 1227) GMT

IMG\_TIR1 10.8 um

14-08-2018/(1730 to 1757) IST

L1B FULL DISK (LINEAR STRETCH: 1.0% )



IMD/Delhi

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NEPAL TIBET ADJ CHINA MYANMAR SRILANKA THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN TAIWAN SOUTH CHINA SEA N BORNEO PHILIPPINES YELLOW SEA AND OVER INDIAN OCEAN BET LAT 2.0S TO LAT 5.0N EAST OF LONG 60.0E AND BET LAT 3.0S TO 10.0S LONG 80.0E TO 90.0E (.)**

**TOO: 14/1830 EF=**

**LEGEND:-**

|   |                                     |   |
|---|-------------------------------------|---|
| <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>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-DIVISION, STATES, &amp; UTS</b> | <b>ARUPR</b>                        | <b>ARUNACHAL PRADESH</b>                                |
|   | <b>BHR</b>                          | <b>BIHAR</b>  |
|   | <b>CHTGH</b>                        | <b>CHHATTISGARH</b>                                     |
|   | <b>COTL AP</b>                      | <b>COASTAL ANDHRA PRADESH</b>                           |
|   | <b>COTL KRNTK</b>                   | <b>COASTAL KARNATAKA</b>                                |
|   | <b>COTL ORS</b>                     | <b>COASTAL ORISSA</b>                                   |
|   | <b>GUJ</b>                          | <b>GUJARAT</b>  |
|   | <b>GWB</b>                          | <b>GANGETIC WEST BENGAL</b>                             |
|   | <b>HARY</b>                         | <b>HARYANA</b>  |
|   | <b>DLH</b>                          | <b>DELHI</b>  |
|   | <b>HP</b>                           | <b>HIMACHAL PRADESH</b>                                 |
|   | <b>J&amp;K</b>                      | <b>JAMMU AND KASHMIR</b>                                |
|   | <b>JHRKND</b>                       | <b>JHARKHAND</b>  |
|   | <b>KER</b>                          | <b>KERALA</b>   |
|   | <b>KKN</b>                          | <b>KONKAN</b>   |
|   | <b>LKSDP</b>                        | <b>LAKSHADWEEP</b>                                      |
|   | <b>M MAHA</b>                       | <b>MADHYA MAHARASHTRA</b>                               |
|   | <b>MAHA</b>                         | <b>MAHARASHTRA</b>                                      |
|   | <b>MANI</b>                         | <b>MANIPUR</b>  |
|   | <b>MEGHA</b>                        | <b>MEGHALAYA</b>  |
|   | <b>MIZO</b>                         | <b>MIZORAM</b>  |
|   | <b>MP</b>                           | <b>MADHYA PRADESH</b>                                   |
|   | <b>MRTHWD</b>                       | <b>MARATHWADA</b>                                       |
|   | <b>NAGA</b>                         | <b>NAGALAND</b>   |
| <b>N CAP</b>  | <b>NORTH COASTAL ANDHRA PRADESH</b> |   |

|                      |                        |                                  |
|----------------------|------------------------|----------------------------------|
|                      | <b>NIK</b>             | <b>NORTH INTERIOR KARNATAKA</b>  |
|                      | <b>ORS</b>             | <b>ORISSA</b>                    |
|                      | <b>PJB</b>             | <b>PUNJAB</b>                    |
|                      | <b>RAJ</b>             | <b>RAJASTHAN</b>                 |
|                      | <b>RYLSM</b>           | <b>RAYALASEEMA</b>               |
|                      | <b>SAU &amp; KUTCH</b> | <b>SAURASHTRA &amp; KUTCH</b>    |
|                      | <b>SHWB</b>            | <b>SUB-HIMALAYAN WEST BENGAL</b> |
|                      | <b>SIK</b>             | <b>SOUTH INTERIOR KARNATAKA</b>  |
|                      | <b>SKM</b>             | <b>SIKKIM</b>                    |
|                      | <b>TLNGN</b>           | <b>TELANGANA</b>                 |
|                      | <b>TN</b>              | <b>TAMIL NADU</b>                |
|                      | <b>TRP</b>             | <b>TRIPURA</b>                   |
|                      | <b>UP</b>              | <b>UTTAR PRADESH</b>             |
|                      | <b>UTRKND</b>          | <b>UTTARAKHAND</b>               |
|                      | <b>VID</b>             | <b>VIDHARBHA</b>                 |
|                      | <b>WB</b>              | <b>WEST BENGAL</b>               |
|                      | <b>ARSEA</b>           | <b>ARABIAN SEA</b>               |
|                      | <b>ILS</b>             | <b>ISLANDS</b>                   |
| <b>MISCELLANEOUS</b> | <b>ASSW</b>            | <b>ASSOCIATION WITH</b>          |
|                      | <b>ASSTD</b>           | <b>ASSOCIATED</b>                |
|                      | <b>CIR</b>             | <b>CIRCULATION</b>               |
|                      | <b>EMBDD</b>           | <b>EMBEDDED</b>                  |
|                      | <b>N/HOOD</b>          | <b>NEIGHBOURHOOD</b>             |
|                      | <b>EXT</b>             | <b>EXTREME</b>                   |