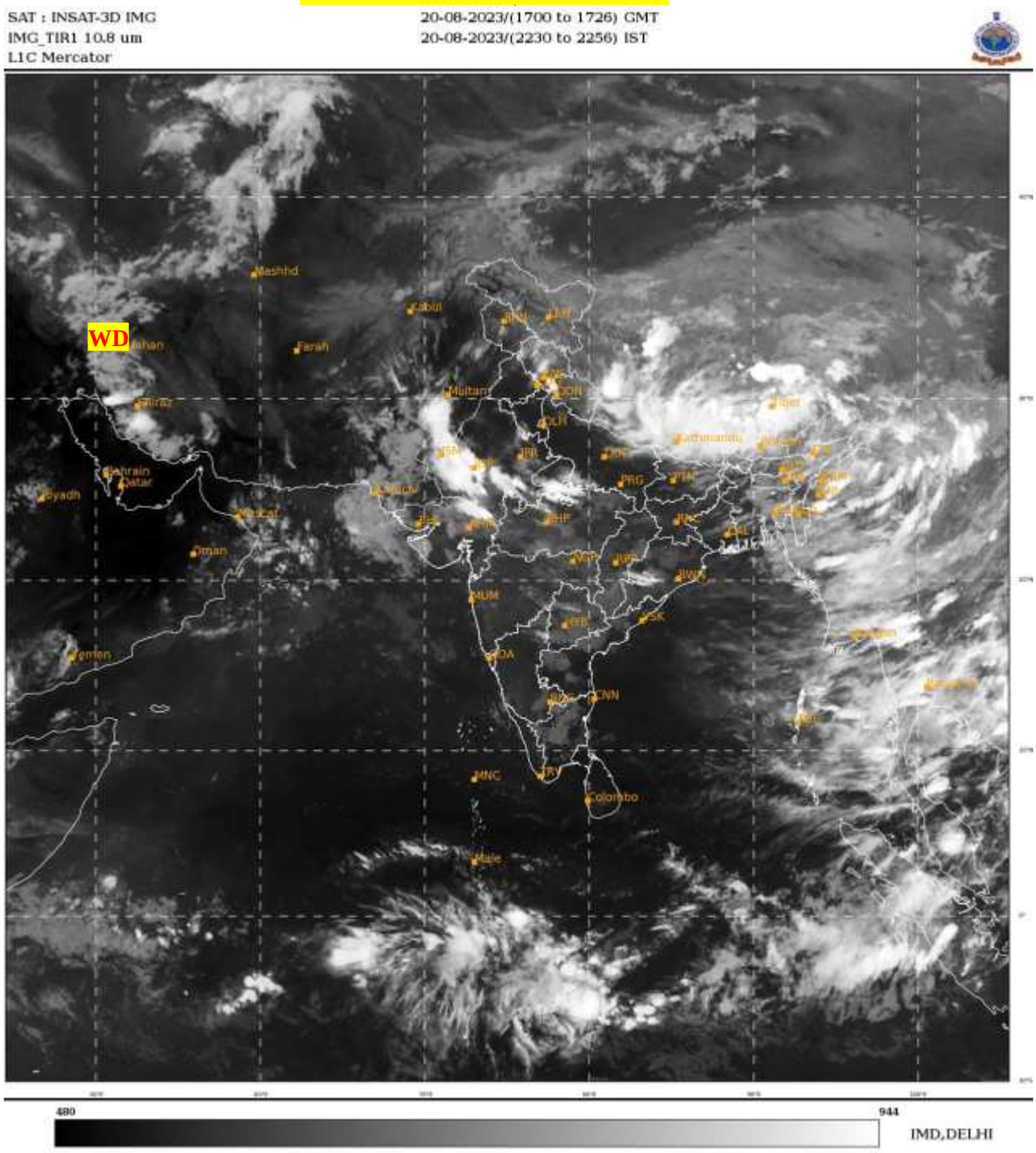
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

## 20.08.2023 TIME 1800 UTC




**TCIN50 DEMS 201800**
**SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 201700 UTC (.)**
**REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)**

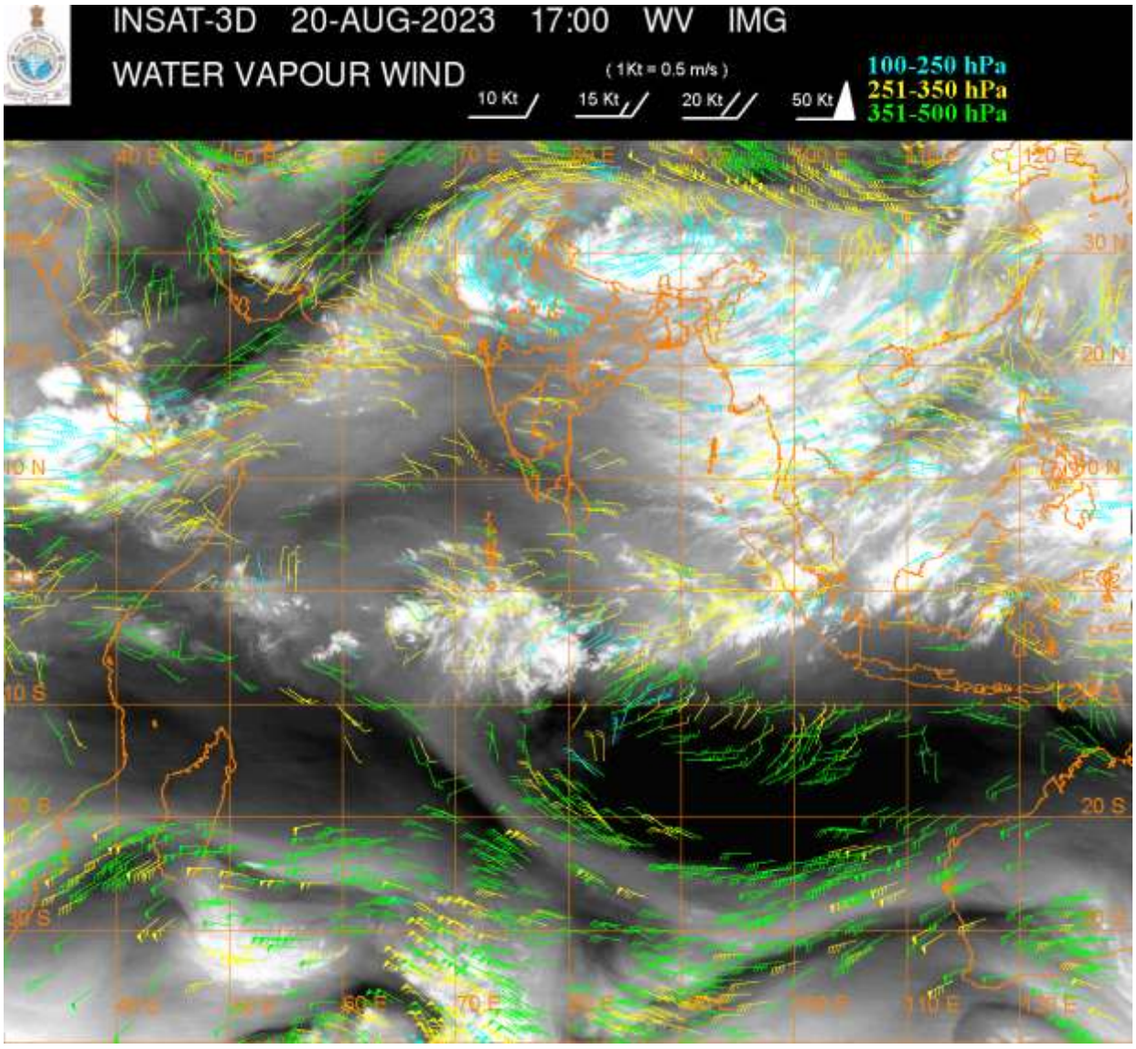
## SALIENT FEATURES:-

### WESTERN DISTURBANCE (WD):-

**SCT MULTILAYERED CLOUDS OVER E IRAN PAK & N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)**

### THUNDERSTORM / INTENSE CONVECTIVE ACTIVITY:-

**INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED AT HP SW UTRKND S RAJ N MP S UP (.)**




**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

**CT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW UTRKND SW UP (MINIMUM CTT -85 EG CEL) AND MOD TO INT CONTN OVER W HP NE PJB EXT N HARY S UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K E HP E UTRKND NE UP (.) SCT LOW/MED CLOUDS OVER W PJB S HARY REST UP (.)**

**EAST:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SKM (MINIMUM CTT -78 EG CEL)AND MOD TO INT CONVTN OVER S ORS ARUPR NE ASSAM MANI (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N BHR N GWB SHWB REST NE STATES & BD (.) SCT LOW/MED CLOUDS OVER S BHR JHRKND CHTGH N ORS S GWB (.)**

**WEST:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S RAJ N MP (MINIMUM CTT -93 EG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE GUJ EXT NE RAJ AND WK CONVTN OVER REST GUJ NW RAJ (.) SCT LOW/MED CLOUDS OVER S MP MAHA & GOA (.)**

**SOUTH:-**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NIK ADJ W TLNGN ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER REST KRNTK E TLNGN COTL AP RYLSM TN LKSDP ILS (.)**

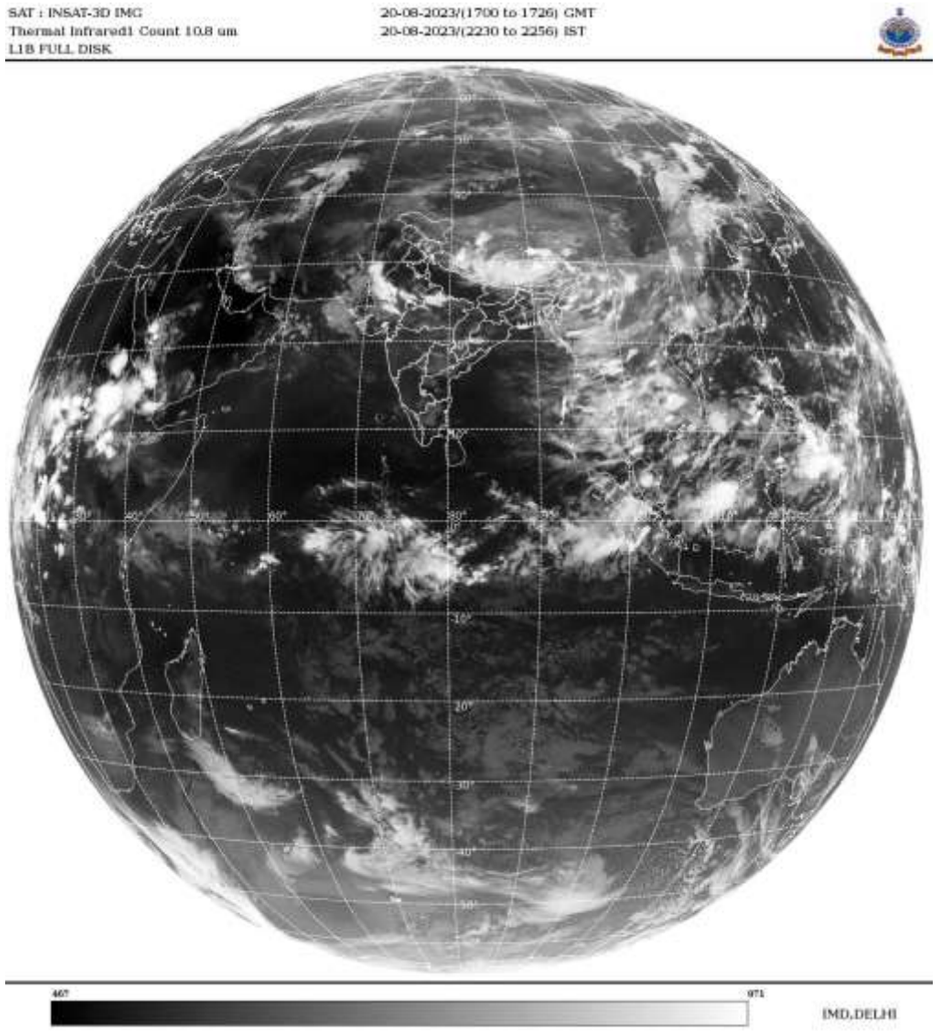
**ARABIAN SEA:-**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NORTH ADJ WC ARSEA GULF OF KUTCH (.)**

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

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

## CLOUDS DESCRIPTION OUTSIDE INDIA:-




**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S MALDIVES PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA ADJ W COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA TAIWAN EAST CHINA SEA YELLOW SEA AND OVER INDIAN OCEAN BET LAT 4.0N TO 8.0S LONG 50.0E TO 100.0E (.)**

**TOO 20/2325 HRS IST=**

**NNNN**

## LEGEND:-

| | | |
|---|---|---|
| **REGION** | **NORTH** | **J&K HP PJB HARY DLH UP UTRKND** |
| | **EAST** | **BHR JHRKND CHTGH OR 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%) |
| CLOUDS TOP TEMPERATURE | CTT | CLOUD TOP TEMPERATURE |
| CONVECTION | WK CONVTN | WEAK CONVECTION (CTT GREATER THAN –25□C) |
| | MOD CONVTN | MODERATE CONVECTION (CTT BETWEEN -25□C TO -40□C) |
| | INT CONVTN | INTENSE CONVECTION (CTT BETWEEN -41□C TO -70□C) |
| | V INT CONVTN | VERY INTENSE CONVECTION (CTT LESS THAN -70□C) |
| METEOROLOGICAL SUB- DIVISIONS, STATES & UNION 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** |