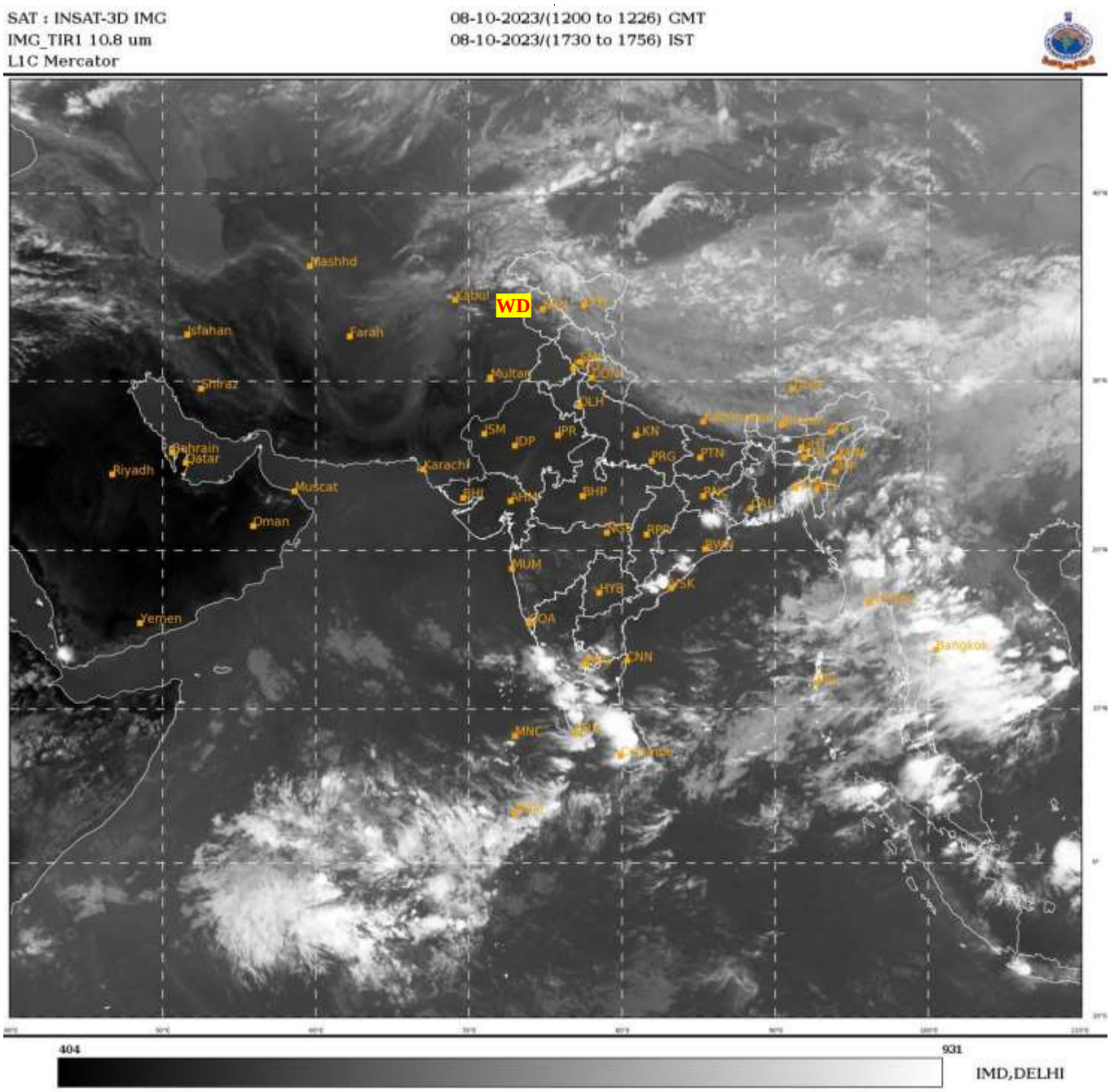
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

## 08.10.2023 TIME 1200 UTC




**TCIN50 DEMS 081200**
**SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 081200 UTC (.)**
**REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)**

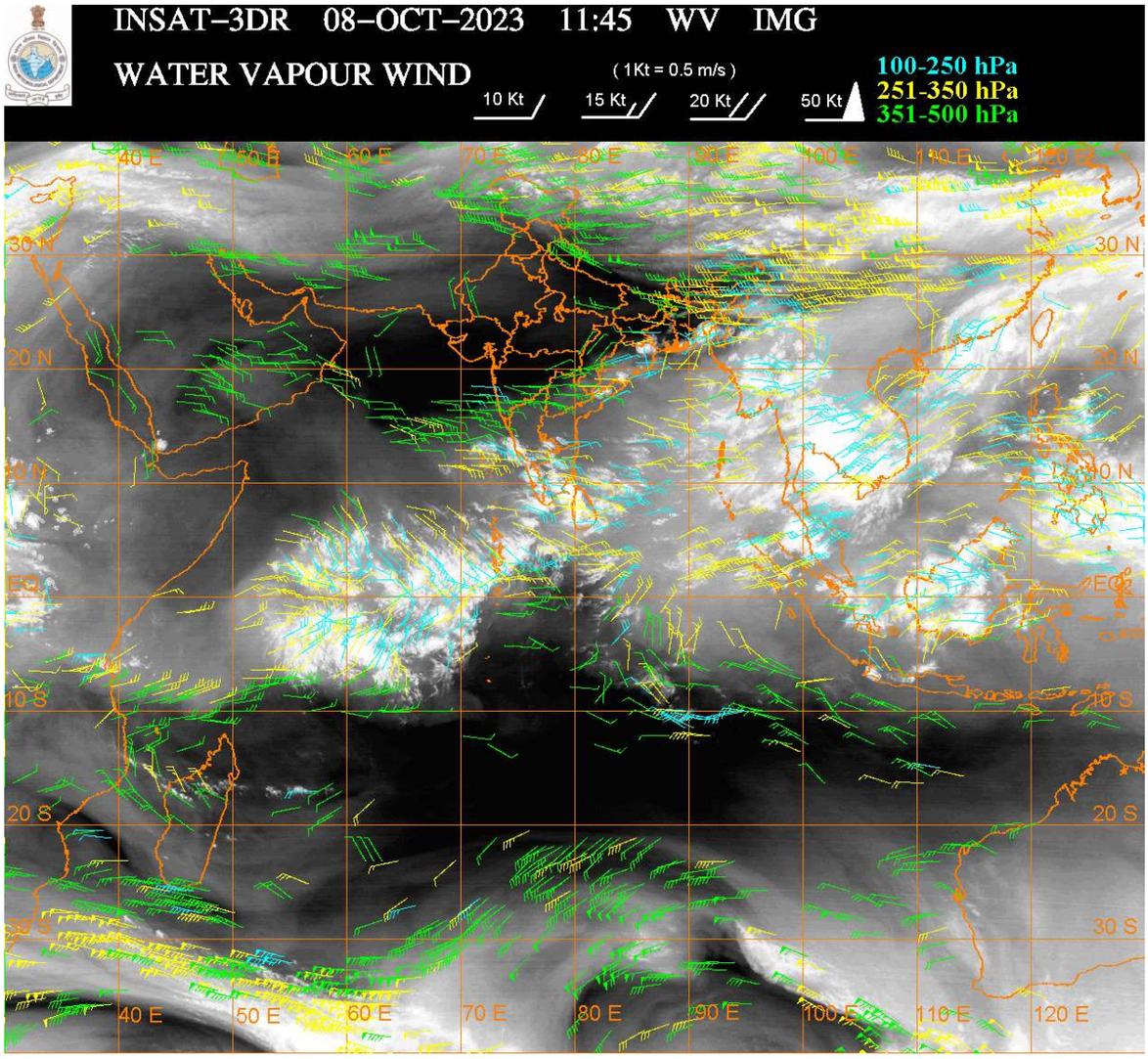
## SALIENT FEATURES:-

## WESTERN DISTURBANCE (WD):-

**SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (.)**

## CONVECTIVE / THUNDERSTORM ACTIVITY:-

**MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SC MEGHA TRP E ORS N COTL AP S RYLSM COTL KRNTK SIK KER TN (.)**




**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

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

**EAST:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH CENTRAL MEGHA (MINIMUM CTT MINUS 75 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE JHRKND EXT SW & E ORS W & S ASSAM TRP BD AND ISOL WK TO MOD CONVTN OVER NE JHRKND GWB N SHWB SKM REST NE STATES (.) ISOL TO SCT LOW/MED CLOUDS OVER BHR W JHRKND CHTGH REST W ORS S SHWB (.)**

**WEST:-**

**SCT LOW/MED CLOUDS OVER NW RAJ S MP S GUJ MAHA GOA (.)**

**SOUTH:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER COTL KRNTK N COTL AP S RYLSM KER TN (MINIMUM CTT MINUS 75 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SIK AND WK TO MOD CONVTN OVER ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER NIK TLNGN N RYLSM S COTL AP LKSDP ILS (.)**

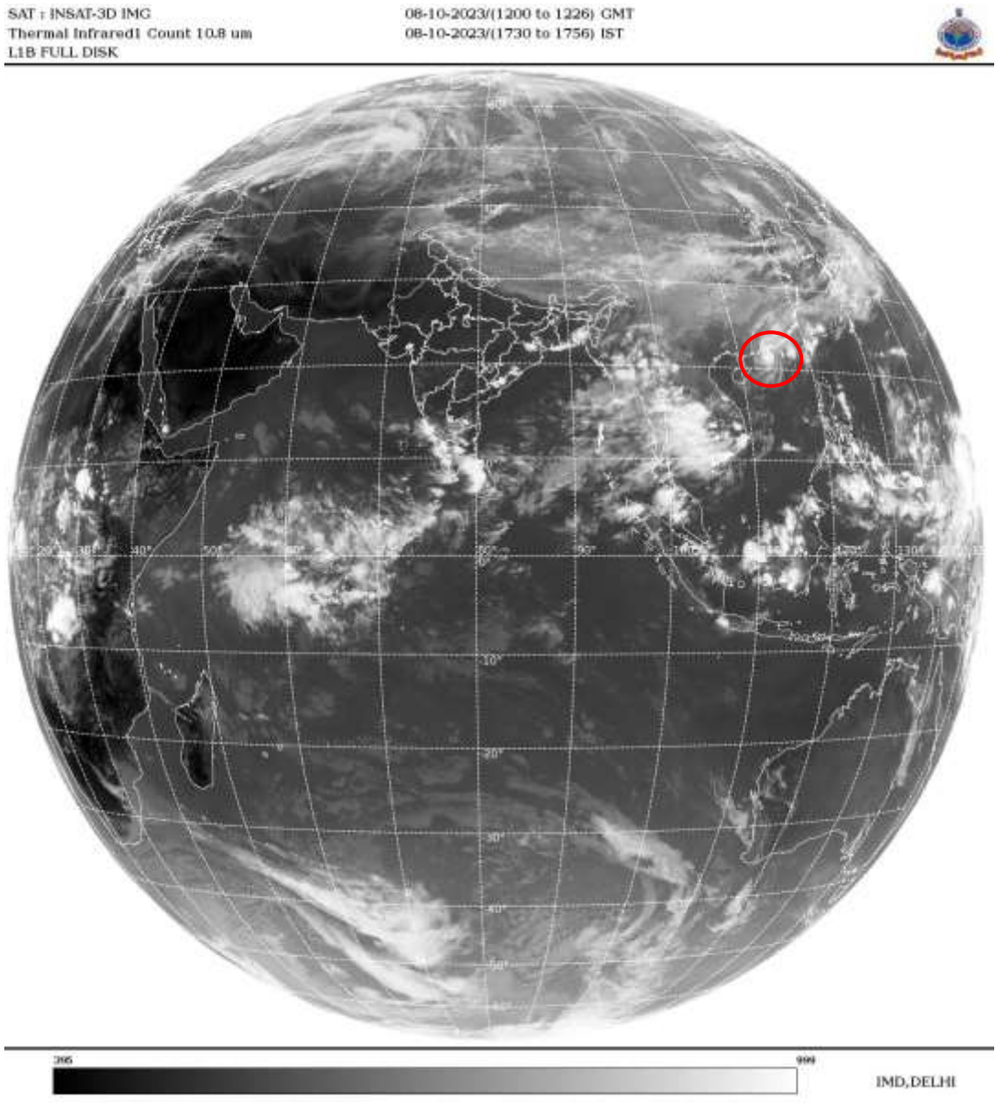
**ARABIAN SEA:-**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA OFF S KRNTK COAST LKSDP ILS AREA SOUTH ARSEA AND COMORIN AREA (.)**

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

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SOUTH BAY ANDAMAN SEA SOUTH ARAKAN COAST GULF OF MARTABAN AND TENASSEIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NE & WC BAY (.)**

## CLOUDS DESCRIPTION OUTSIDE INDIA:-




## VORTEX (KOINU) OVER SOUTH CHINA SEA AND N/HOOD:-

**VORTEX (KOINU) OVER SOUTH CHINA SEA AND N/HOOD (AREA F05) CENTERED NEAR 21.6N / 114.1E (.) INTENSITY T4.0/4.5 (.) MAXIMUM SUSTAINED WINDS (MSW) 64-89 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 19.0N TO 25.0N LONG 112.0E TO 118.0E (.)**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 9.0S LONG 52.0E TO 75.0E AND BET EQ TO LAT 5.0N LONG 75.0E TO 95.0E (.)**

**TOO 08/1830 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** |