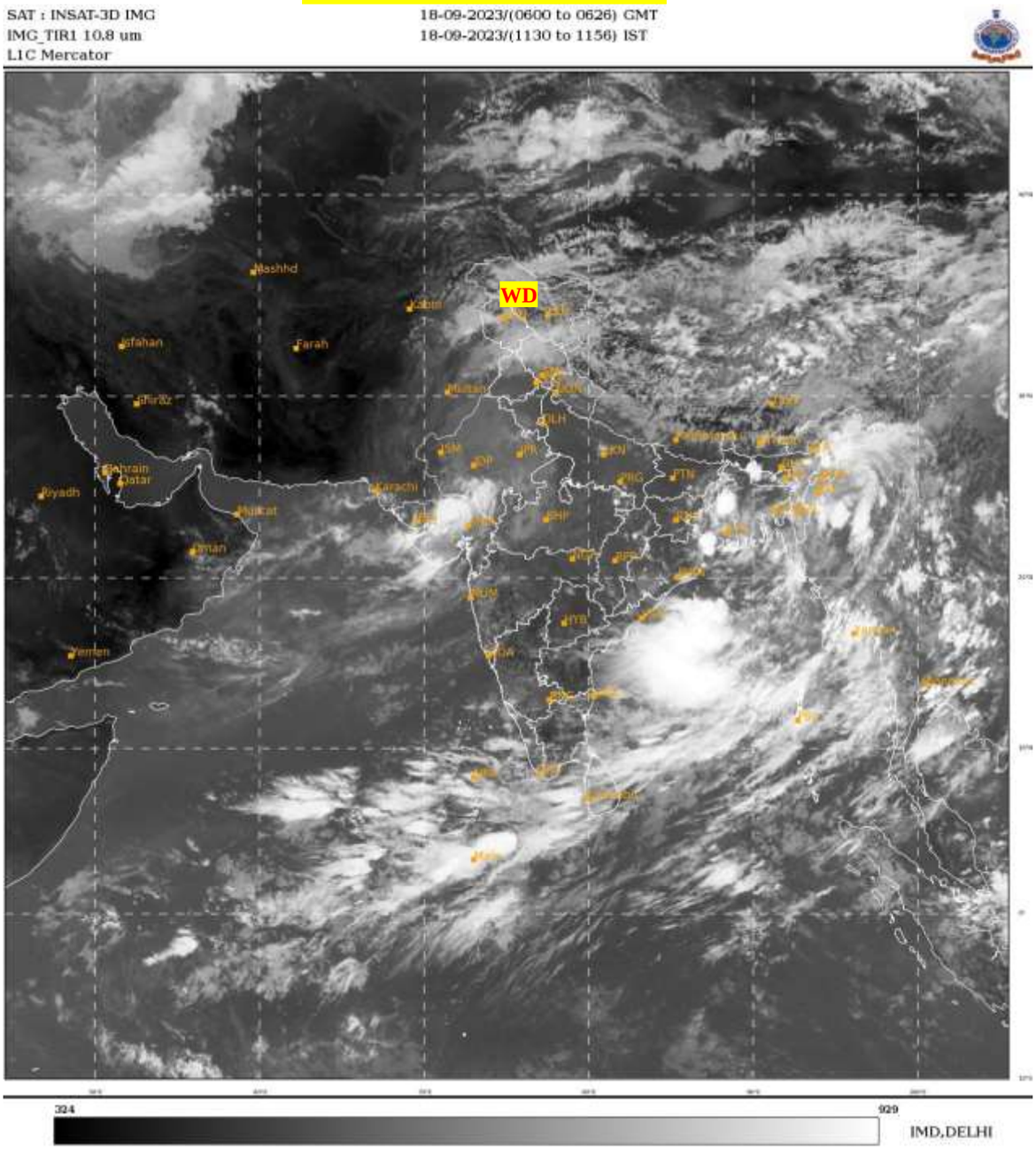
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

## 18.09.2023 TIME 0600 UTC




**TCIN50 DEMS 180600**
**SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 180600 UTC (.)**
**REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)**

## SALIENT FEATURES:-

## CONVECTION OVER NE & EC BAY & N/HOOD:-

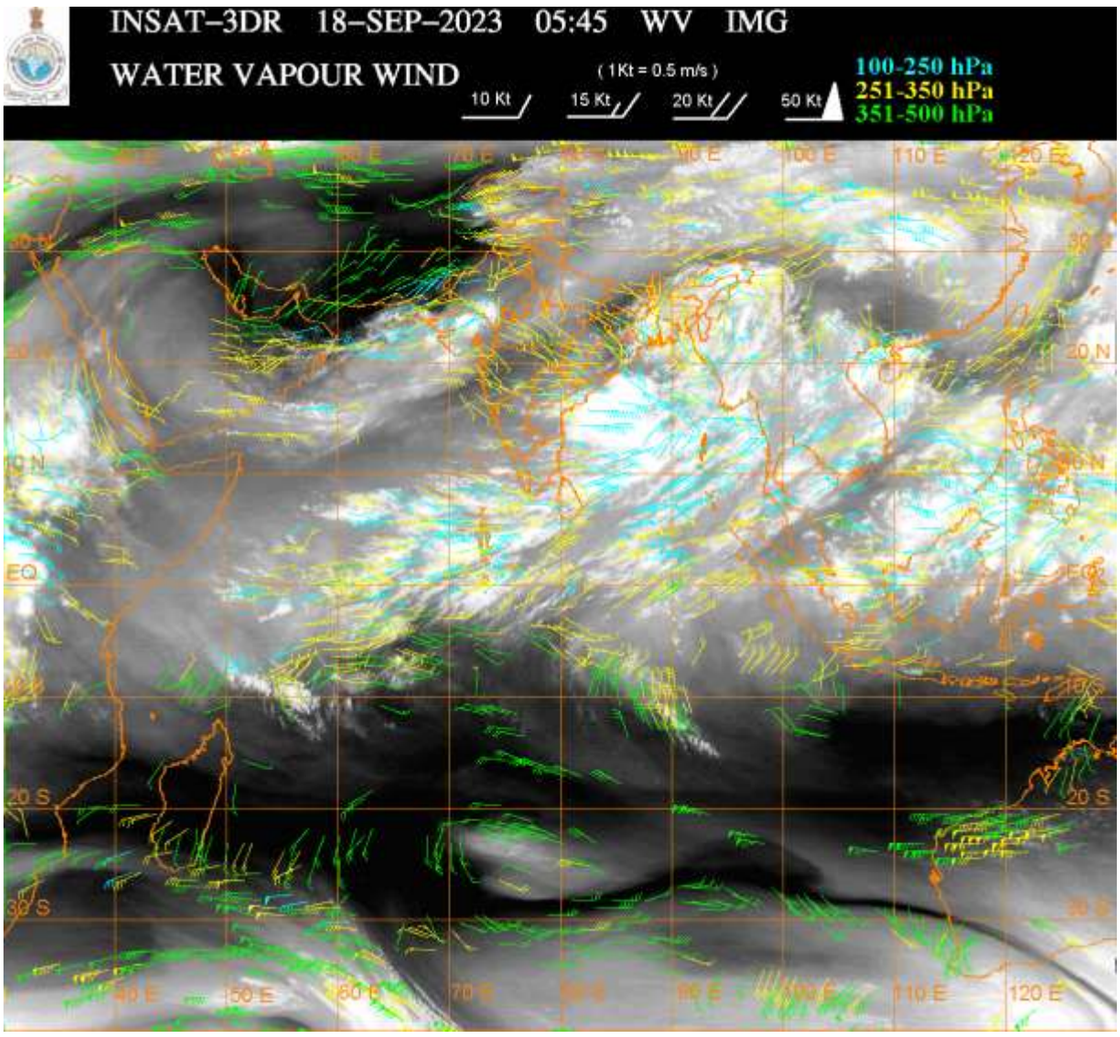
**SCT MODERATE TO INTENSE CONVECTION OVER EC & NE BAY N & N/HOOD PERSISTS (.) MINIMUM CTT MINUS 65 DEG CEL (.)**

## WESTERN DISTURBANCE:-

**SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND N PJB IN ASSW WD OVER THE AREA (.)**

## THUNDERSTORM / CONVECTIVE ACTIVITY:-

**MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER N ASSAM E ARUPR GWB ANDAMAN ILS (.)**




**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

**SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K HP N UTRKND N PJB C UP (.) SCT LOW/MED CLOUDS OVER S UTRKND N HARY REST PJB REST UP(.)**

**EAST:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GWB (MINIMUM CTT MINUS 85 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NE ORS N ASSAM E ARUPR MEGHA MANI NAGA MIZO AND ISOL WK TO MOD CONVTN OVER N CHTGH NE JHRKND SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER S CHTGH REST ORS(.)**

**WEST:-**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GUJ SE RAJ (MINIMUM CTT MINUS 65 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST RAJ W MP (.) SCT LOW/MED CLOUDS OVER MAHA REST MP (.)**

**SOUTH:-**

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

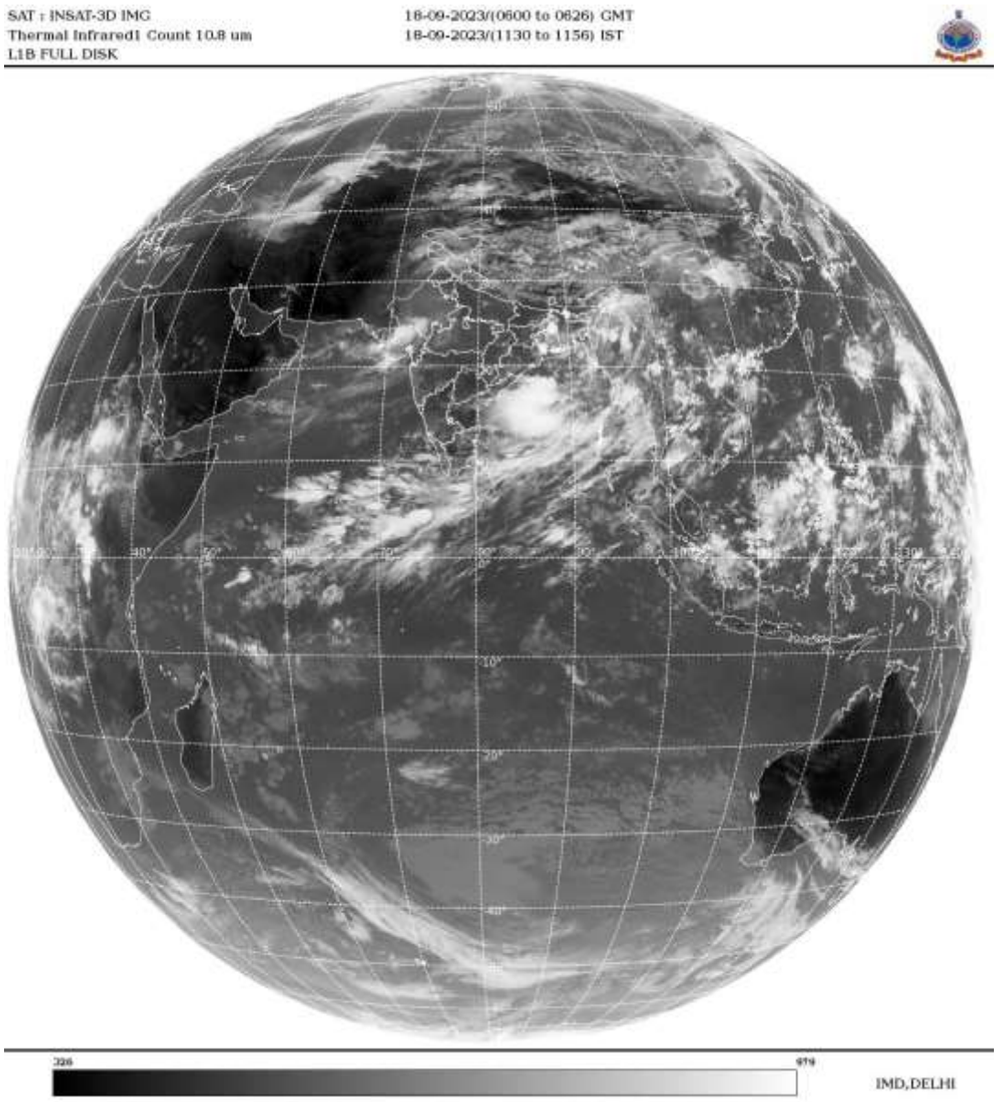
**ARABIAN SEA:-**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ARSEA ADJ GUJ COAST SE ARSEA COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST ARSEA LKSDP ILS AREA (.)**

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

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC ADJ SW BAY AND MOD TO INT CONVTN OVER REST BAY N ARAKAN COAST ANDAMAN SEA TENASSERIM COT (.)**

## CLOUDS DESCRIPTION OUTSIDE INDIA:-




**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES NEPAL TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 70.0E AND BET LAT 5.0N TO 2.0S EAST OF LONG 75.0E (.)**

**TOO 18/1230 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** |