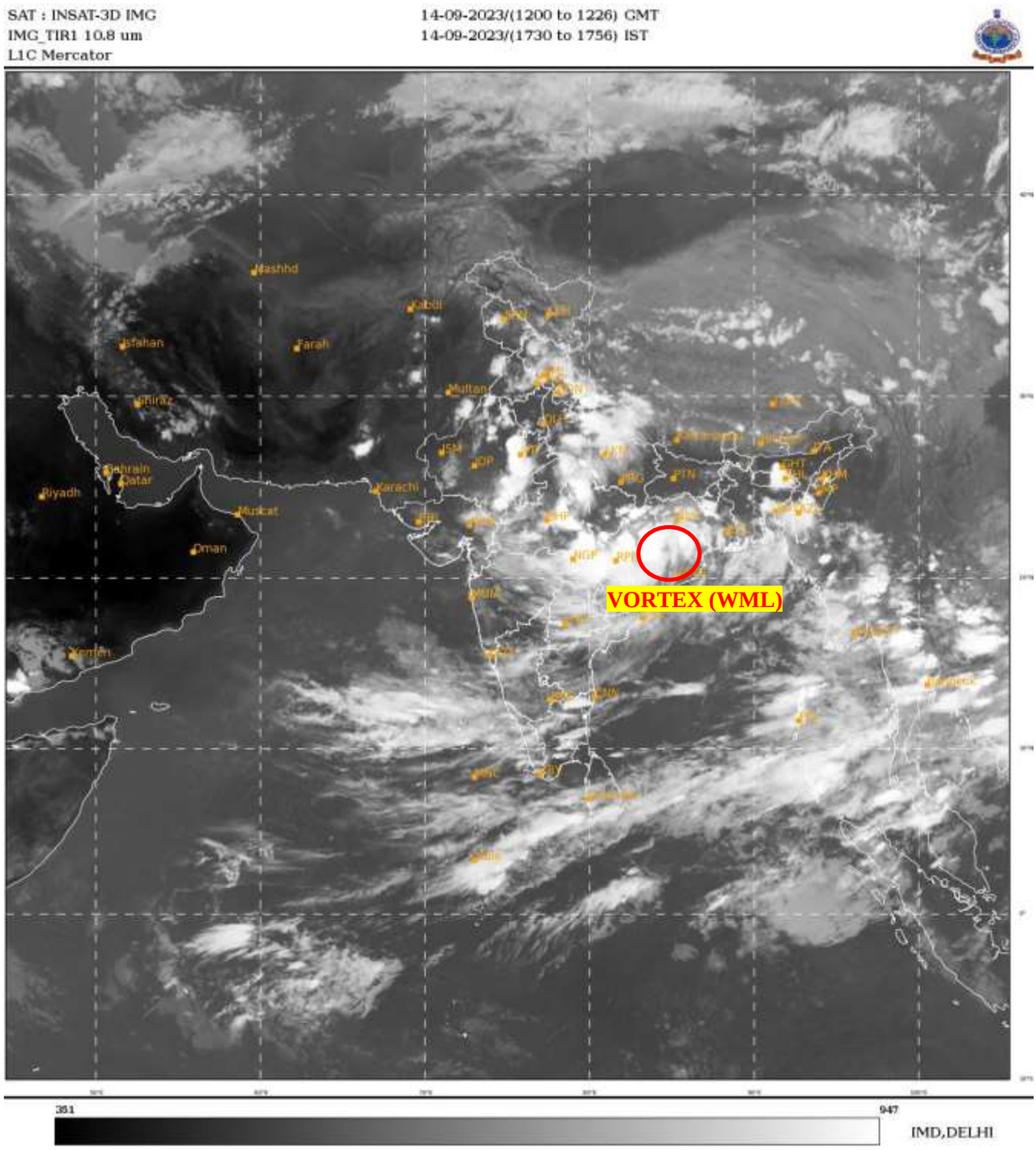
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

## 14.09.2023 TIME 1200 UTC




**TCIN50 DEMS 141200**
**SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 141200 UTC (.)**
**REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)**

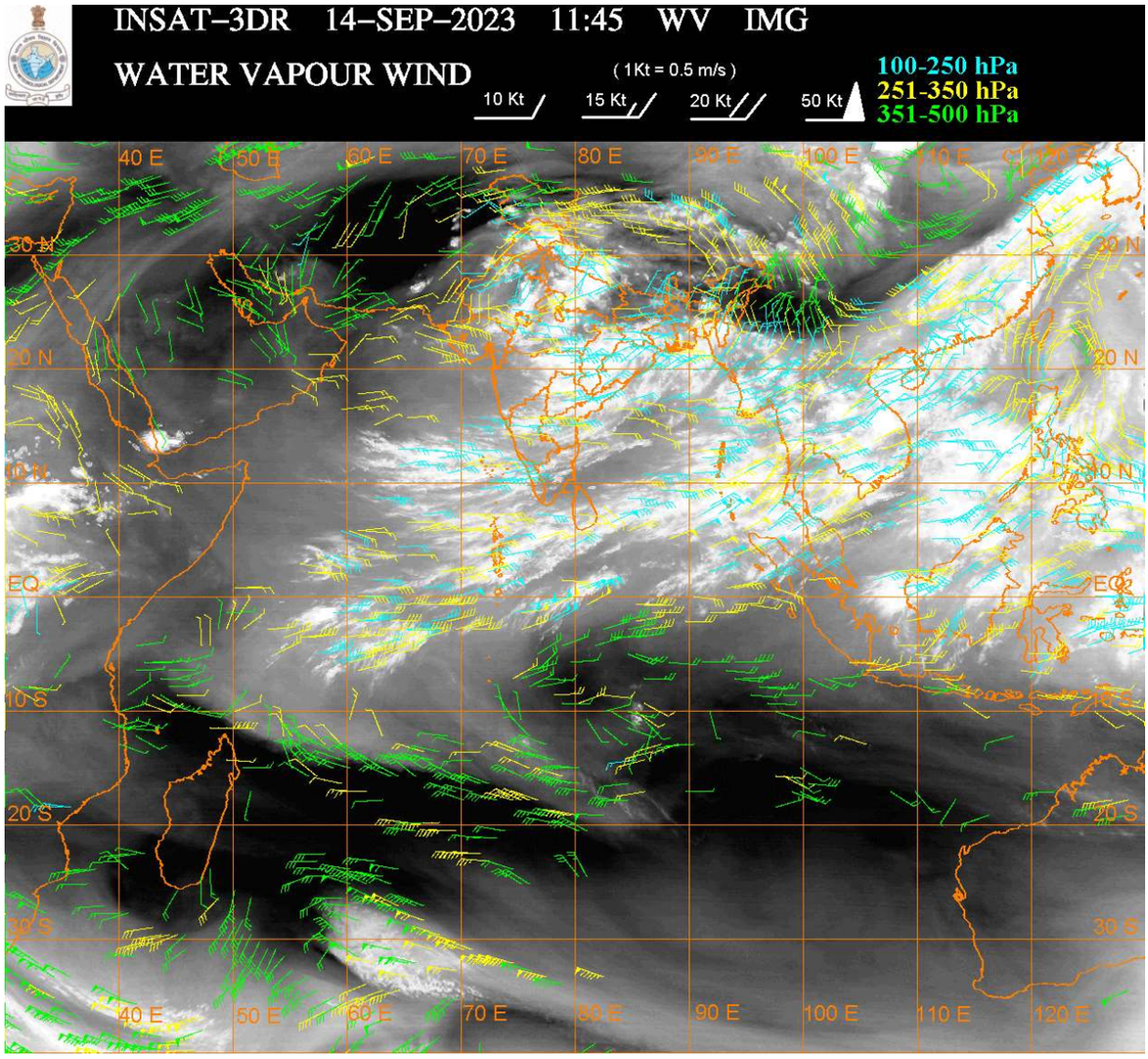
## SALIENT FEATURES:-

## VORTEX (WML) OVER NORTH ORISSA & N/HOOD:-

**VORTEX (WML) OVER N ORS & N/HOOD (.) CENTER NOT WELL DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT OVER W GWB JHRKND ORS CHTGH (.) MINIMUM CTT MINUS 93 DEG CEL (.)**

## THUNDERSTORM / CONVECTIVE ACTIVITY:-

**INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER NW J&K HP UTRKND CENTRAL UP JHRKND CHTGH ORS GWB E MEGHA ADJ W ASSAM MANI MIZO TRP NW & E RAJ MP VID TLNGN TN ANDAMAN & NICOBAR ILS (.)**




**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW J&K NW HP (MINIMUM CTT MINUS 80 DEG CEL) UTRKND CENTRAL UP (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST J&K SE LADAKH REST HP PJB S HARY REST UP AND ISOL WK TO MOD CONVTN OVER REST LADAKH N HARY (.) SCT LOW/MED CLOUDS OVER DLH (.)**

**EAST:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER JHRKND CHTGH N ORS NW GWB E MEGHA ADJ W ASSAM (MINIMUM CTT MINUS 93 DEG CEL) & E BD (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ORS REST GWB S ASSAM S NAGA MANI MIZO TRP W BD AND ISOL WK TO MOD CONVTN OVER BHR SHWB SKM ARUPR (.) SCT LOW/MED CLOUDS OVER REST ASSAM REST MEGHA N NAGA (.)**

**WEST:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW & E RAJ MP VID (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW & E GUJ MRTHWD AND WK TO MOD CONVTN OVER SW RAJ MADHYA MAHA KKN GOA (.) SCT LOW/MED CLOUDS OVER NW GUJ (.)**

**SOUTH:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TN ANDAMAN & NICOBAR ILS (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NIK TLNGN N COTL AP N RYLSM KER LKSDP ILS AND WK TO MOD CONVTN OVER COTL KRNTK SIK S RYLSM S COTL AP (.)**

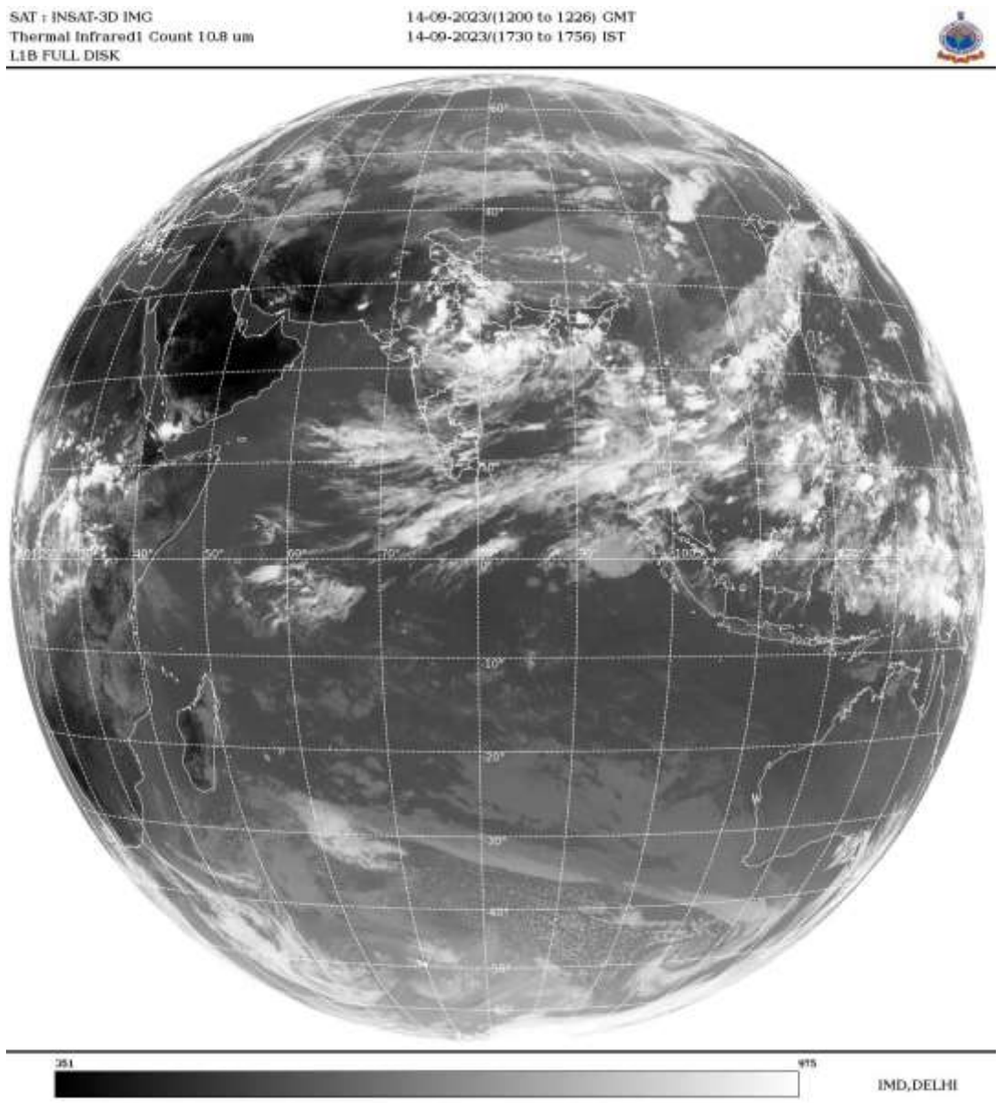
**ARABIAN SEA:-**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SE ARSEA LKSDP ILS AREA AND COMORIN AREA (.)**

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

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ANDAMAN SEA AND TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY ARAKAN COAST AND GULF OF MARTABAN (.)**

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**




**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA 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 AND OVER INDIAN OCEAN BET LAT 5.0N TO 6.5S LONG 54.0E TO 100.0E (.)**

**TOO 14/1830 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** |