



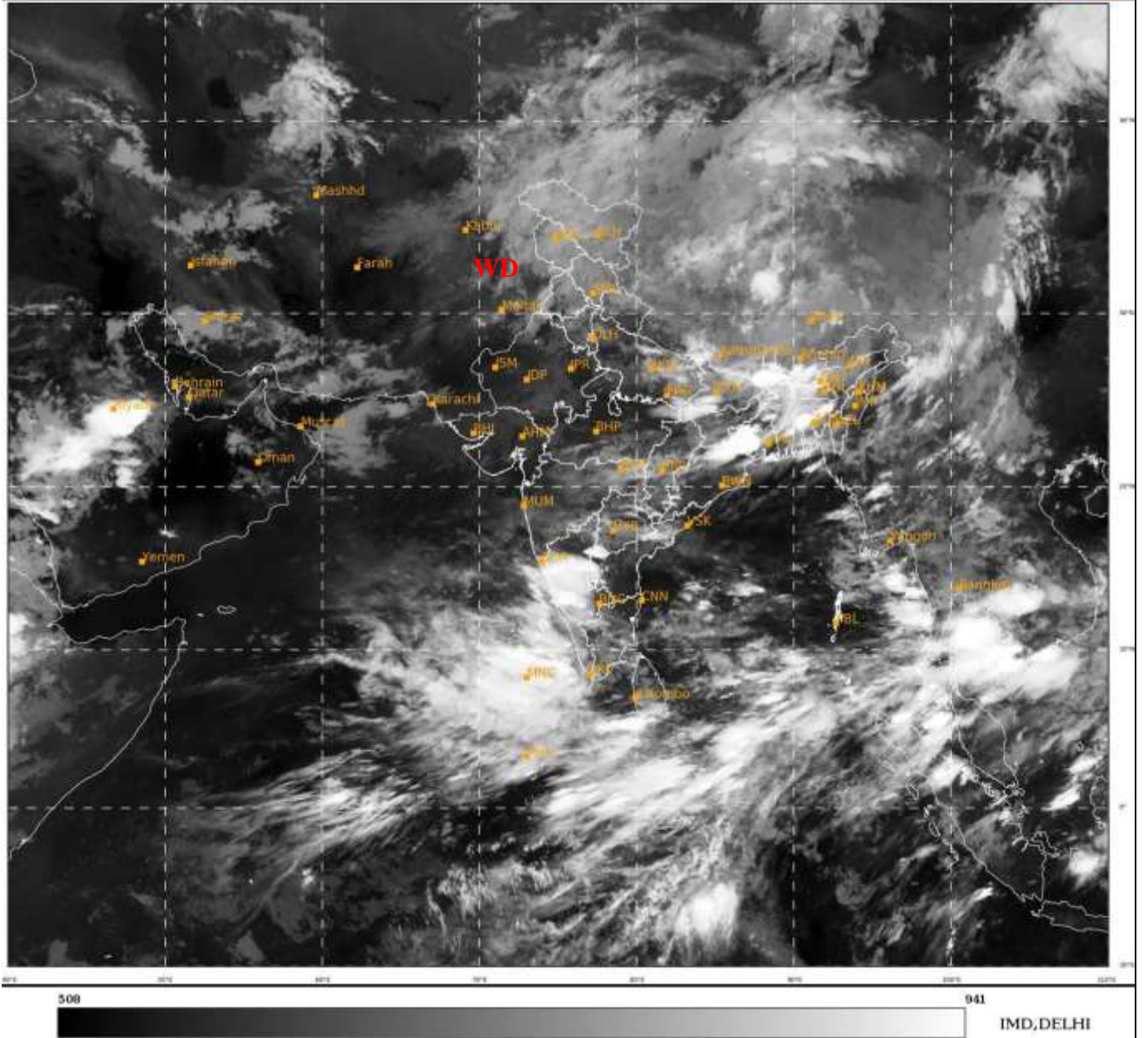
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
01.08.2022 TIME 0000 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

01-08-2022/(0000 to 0026) GMT
01-08-2022/(0530 to 0556) IST



TCIN50 DEMS 010800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 010800 UTC (.)

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

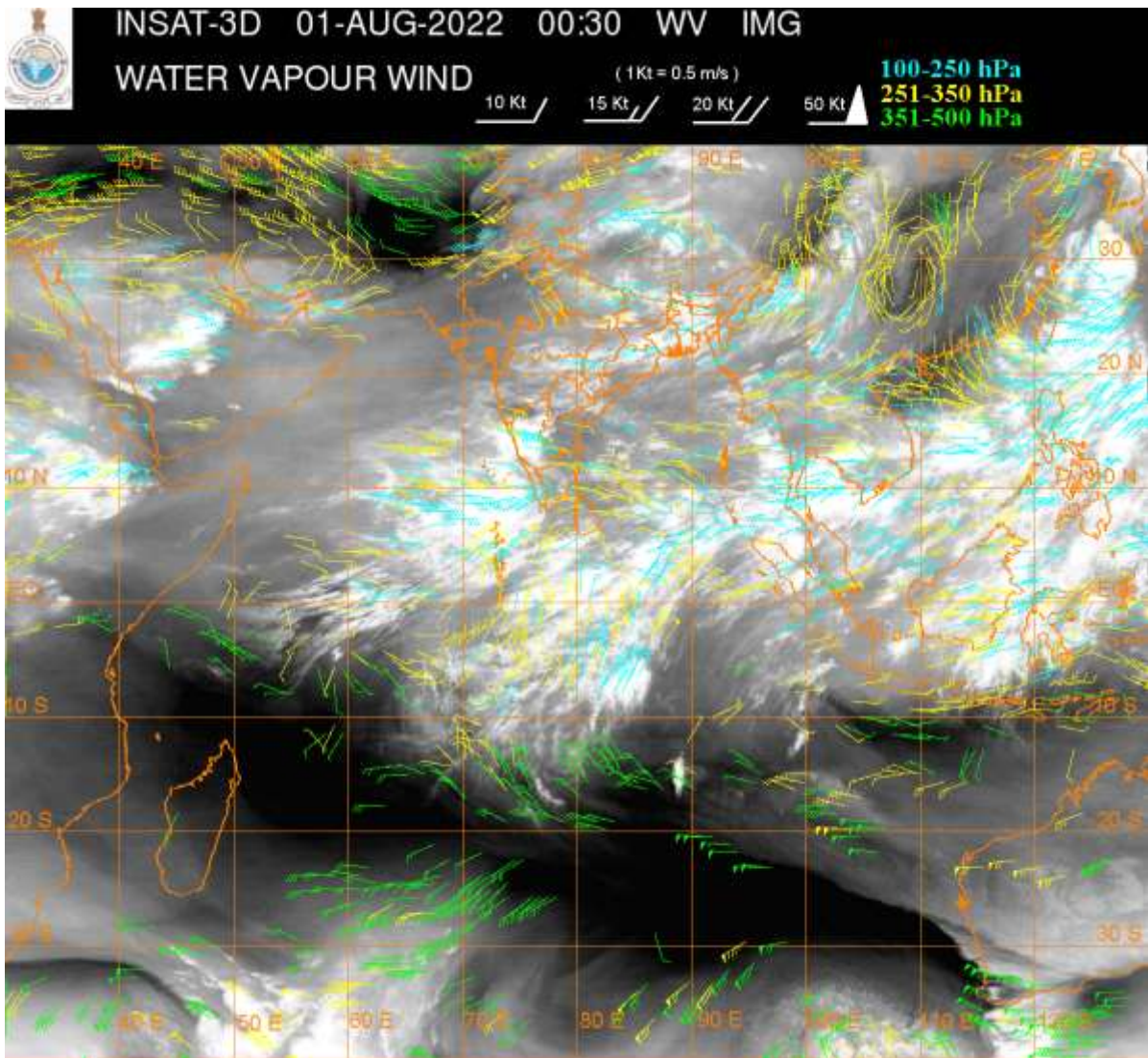
SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH HP PJB N RAJ HARY UP UTRKND
TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE ACTIVITIES :-

CONVECTIVE ACTIVITIES OBSERVED OVER SE UP BHR JHRKND S CHTGH N ORS GWB SHWB
SKM NE STATES KRNTK W RYLSM KER TN LKSDP ILS AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E UP AND WK TO MOD CONVTN OVER J&K LADAKH HP UTRKND PJB N HARY NW UP (.) SCT LOW/MED CLOUDS OVER S HARY DLH SW UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE BHR SE JHRKND NW ORS (MINIMUM CTT MINUS 84 DEG C) W&NE GWB N SHWB (MINIMUM CTT MINUS 93 DEG C) & BD (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W BHR NW JHRKND S CHTGH W ORS SOUTH SHWB W MEGHA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SE BHR REST JHRKND N CHTGH SE GWB SKM REST NE STATES (.)SCT LOW/MED CLOUDS OVER SE ORS (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER NW RAJ SW MRTHWD AND WK TO MOD CONVTN OVER NE&S MP VID (.) SCT TO BKN LOW/MED CLOUDS OVER SE RAJ GUJ NW MP REST MAHA & GOA(.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL KRNTK W RYLSM (MINIMUM CTT MINUS 80 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT PARTS OF TLNGN LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST TLNGN N COTL AP KER TN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S COTL AP ANDAMAN ILS (.)

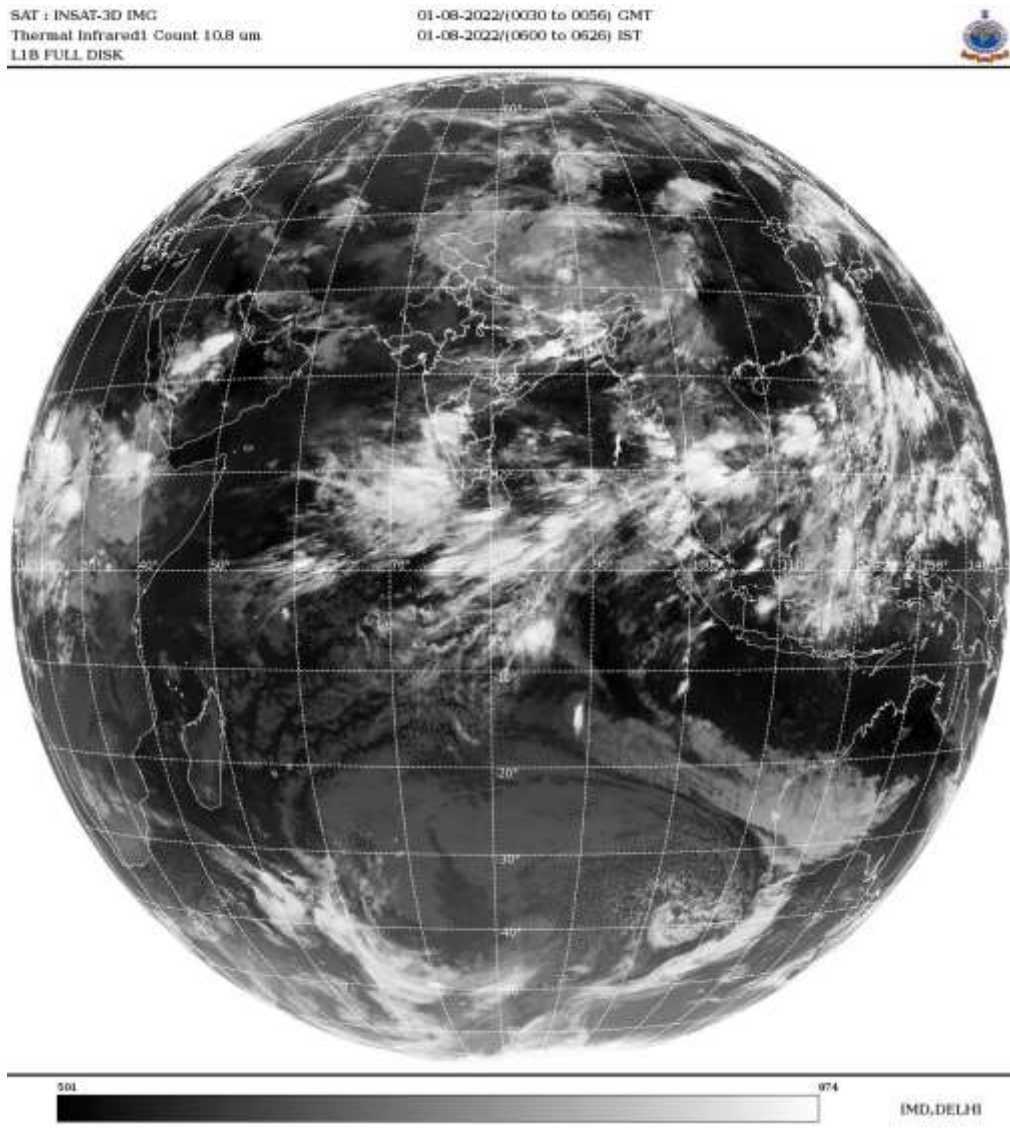
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA OFF GOA-N KRTNTK COAST AND COMORIN AREA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER AND NW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY AND TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC & NE BAY S ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW BAY AND N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 17.0S LONG 55.0E TO 102.0E (.)

TOO 01/0705 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 TERRITORIES | 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 |
| | UTRKN D | 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 |