

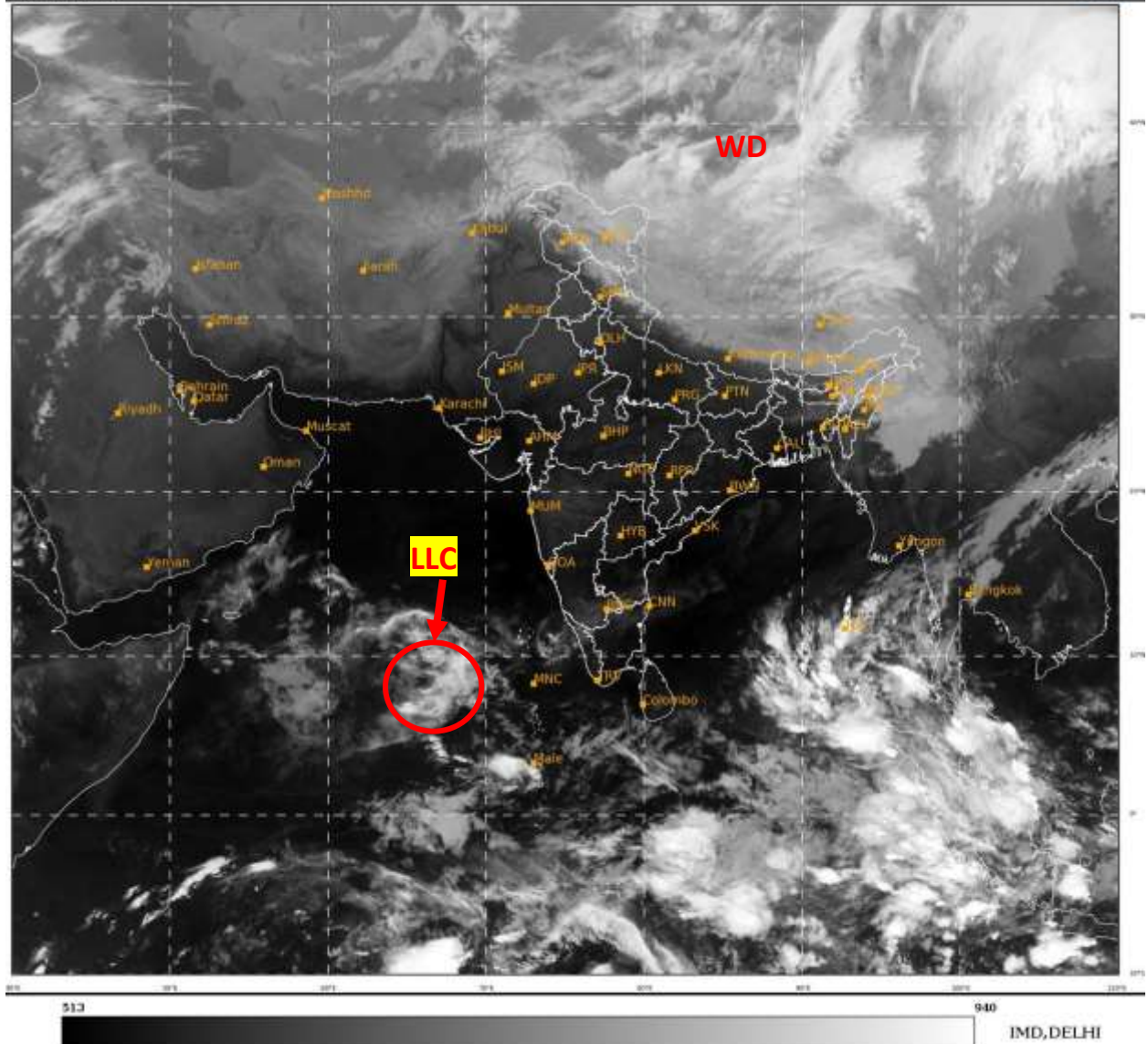


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

30.03.2021 TIME 2100 UTC

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

30-03-2021/(2130 to 2156) GMT
31-03-2021/(0300 to 0326) IST



TCIN50 DEMS 302100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 302130 UTC (.)

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

SALIENT FEATURES:-

LOW LEVEL CIRCULATION (LLC) OVER SE ARSEA:-

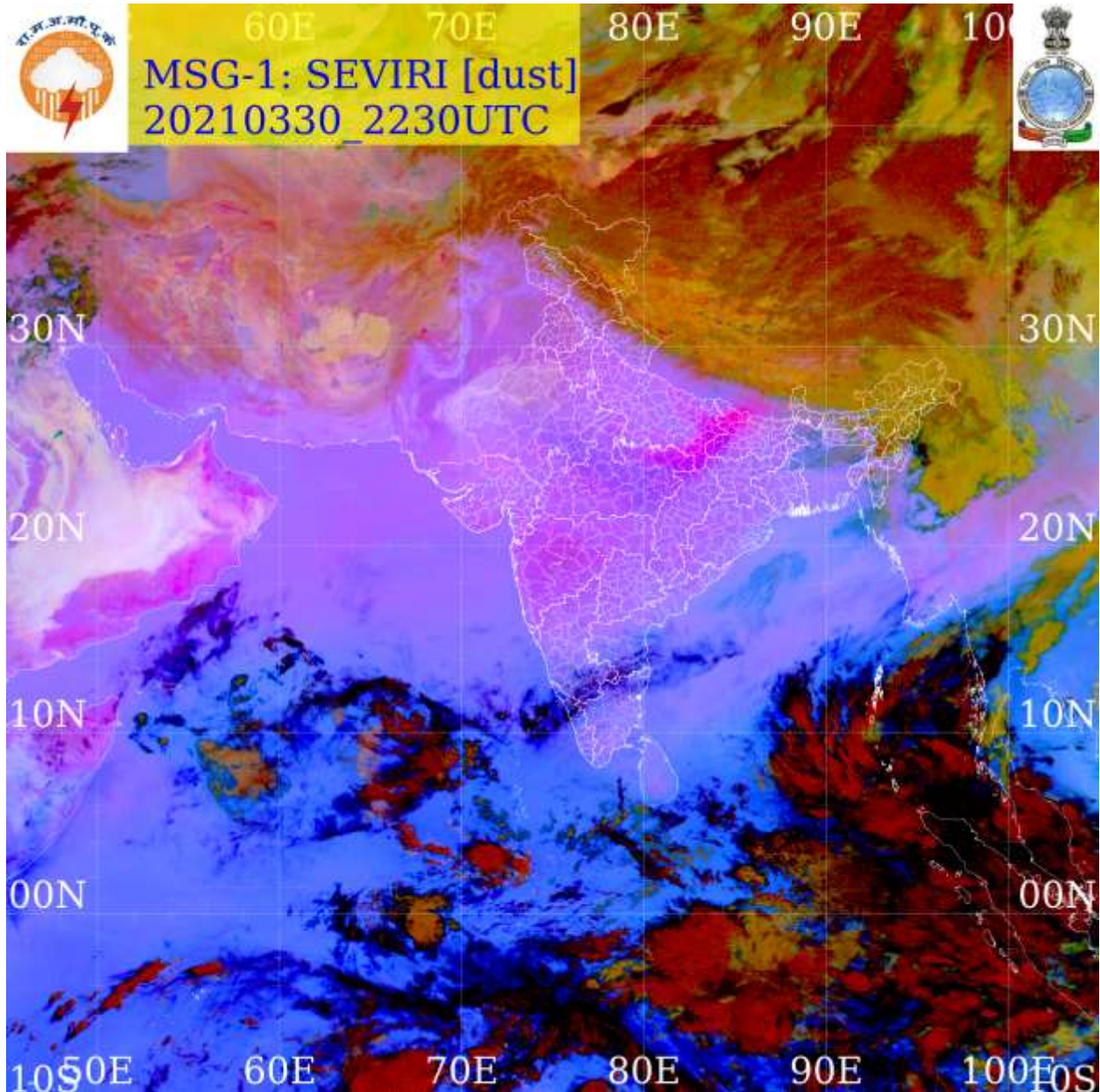
SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA BET LAT 5.0N TO 10.0N LONG 65.0E TO 70.0E IN ASSW LOW LEVEL CIRCULATION OVER THE AREA (.)

WESTERN DISTURBANCE (WD):-

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

DUST:-

METEOSAT-8 RGB DUST PRODUCTS AT 2230 UTC INDICATES DUST OVER EXT E MP E UP NW BHR (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K HP N UTRKND (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM N SHWB ASSAM ARUPR MEGHA NAGA MANI MIZO (.) SCT LOW/MED CLOUDS OVER NE STATES (.)

WEST:-

NO SIG CLOUDS OVER THE REGION (.)

SOUTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN & NICOBAR ILS (.)SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER N KER NW TN SIK S AP (.) SCT LOW/MED CLOUDS OVER RYLSM S COTL AP KRNTK REST KER REST TN LKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA (.)

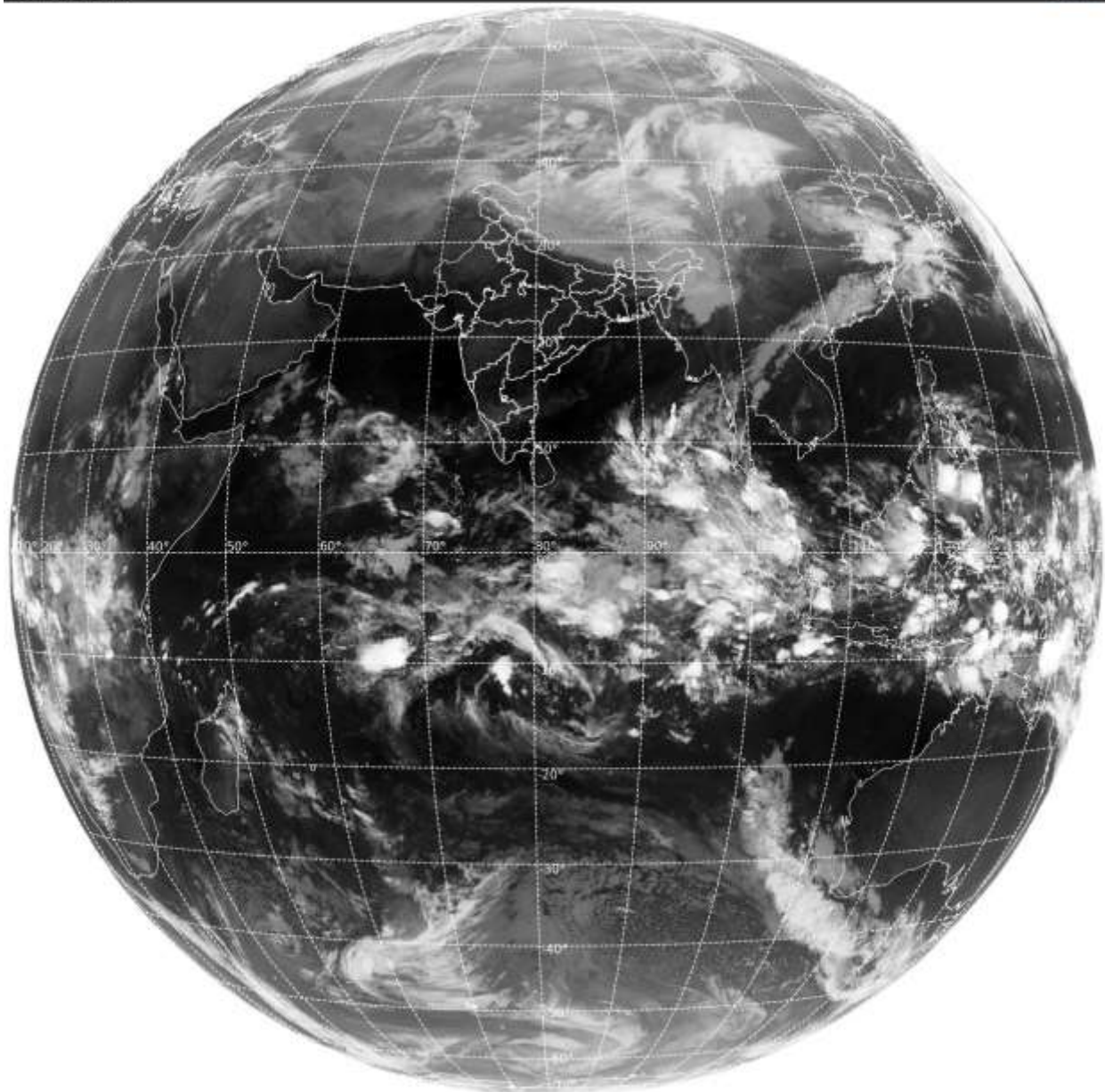
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

30-03-2021/(2130 to 2156) GMT
31-03-2021/(0300 to 0326) IST



513

983

IMD, DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRILANKA TIBET CHINA N MYNMAR THAILAND CAMBODIA N LAOS GULF OF THAILAND SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO ADJ S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA S PHILIPPINES SULU SEA N MOZAMBIQUE CHANNEL N MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 5.0S LONG 80.0E TO 100.0E AND BET LAT 6.0S TO 15.0S LONG 60.0E TO 105.0E (.)

TOO 31/0440EF=

NNNN

LEGEND:-

| | | |
|---------------|--------------|--|
| REGION | NORTH | J&K HP PJB HARY DLH UP UTRKND |
| | EAST | BHR JHRKND CHTGH ORS 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 |
| | 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 |