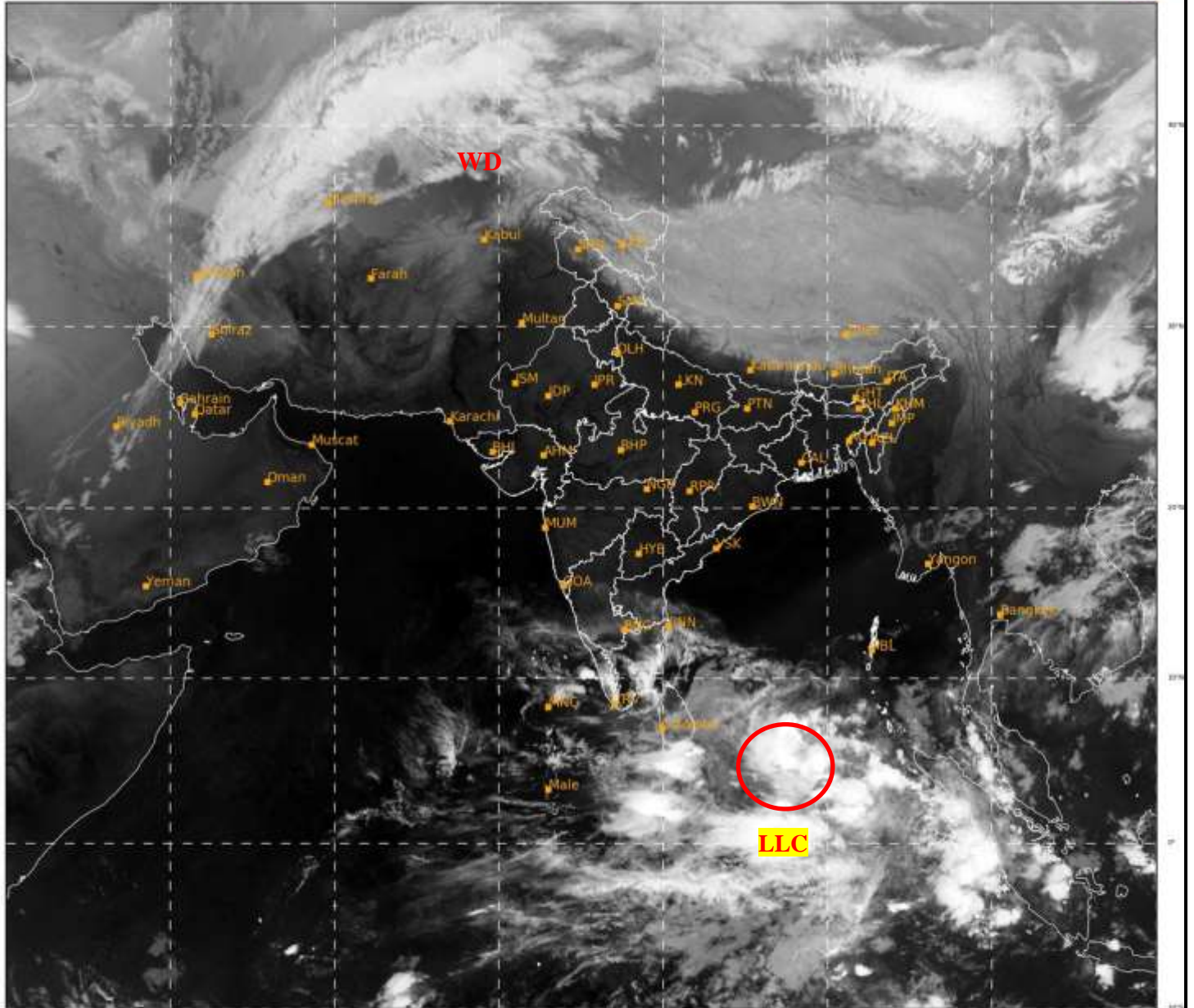




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
16.03.2022 TIME 2100 UTC

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

16-03-2022/(2100 to 2126) GMT
17-03-2022/(0230 to 0256) IST



537

947

IMD, DELHI

TCIN50 DEMS 162100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 162100 UTC (.)

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

SALIENT FEATURES:-

LLC OVER SOUTH-EAST BAY ADJ EQUATORIAL INDIAN OCEAN:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH-EAST BAY ADJ EQUATORIAL INDIAN OCEAN BET LAT 2.0°N TO 7.0°N LONG 85.0°E TO 92.0°E IN ASSW **LLC** OVER THE AREA (.) MINIMUM CTT MINUS **93** DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER E IRAN N AFGAN EXT N PAK AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

PRECIPITATION NOWCASTING (BASED ON SCOPE NOWCASTING):-

RAINFALL UPTO 15.0 MM OVER S KER S TN (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER ASSAM MEGHA NAGA MANI (.)

WEST:-

NO SIGNIFICANT CLOUDS OVER THE REGION (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA OFF S KER COAST AND WK TO MOD CONVTN OVER REST SE ARSEA & COMORIN AREA (.)

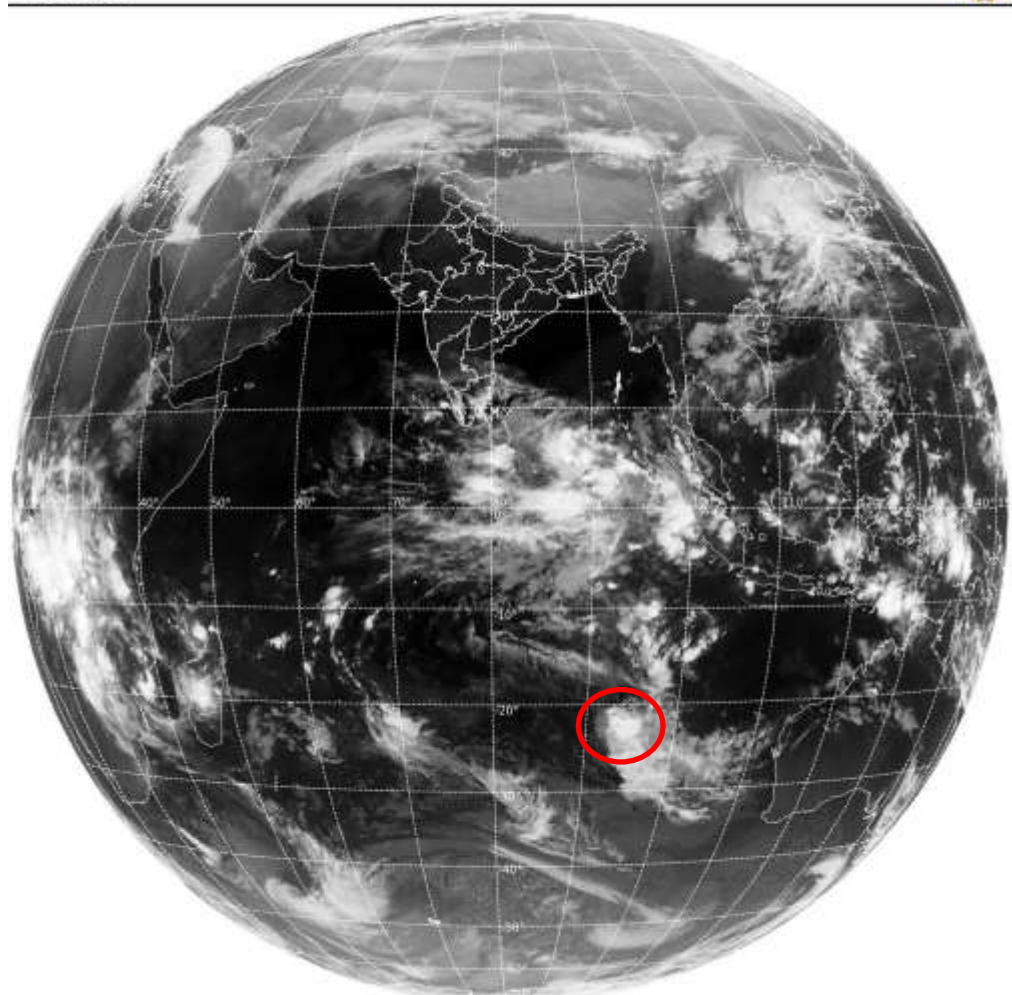
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

16-03-2022/(2100 to 2126) GMT
17-03-2022/(0230 to 0256) IST



020

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IMD,DELHI

VORTEX (BILLY) OVER SOUTH INDIAN OCEAN:-

VORTEX (BILLY) OVER SOUTH INDIAN OCEAN CENTERED NEAR 19.7S / 93.1E (.) INTENSITY T2.0/2.0 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 19.0S TO 23.0S AND LONG 91.5E TO 100.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR PALK STR MALDIVES TIBET CHINA THAILAND LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES YELLOW SEA E CHINA SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 18.0S LONG 70.0E TO 100.0E AND BET LAT 20.0S TO 30.0S LONG 50.0E TO 110.0E (.)

TOO 17/0410 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 |
| | 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 |
|--|------------|----------------|