SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-02-17 Time: 18:00:00 UTC
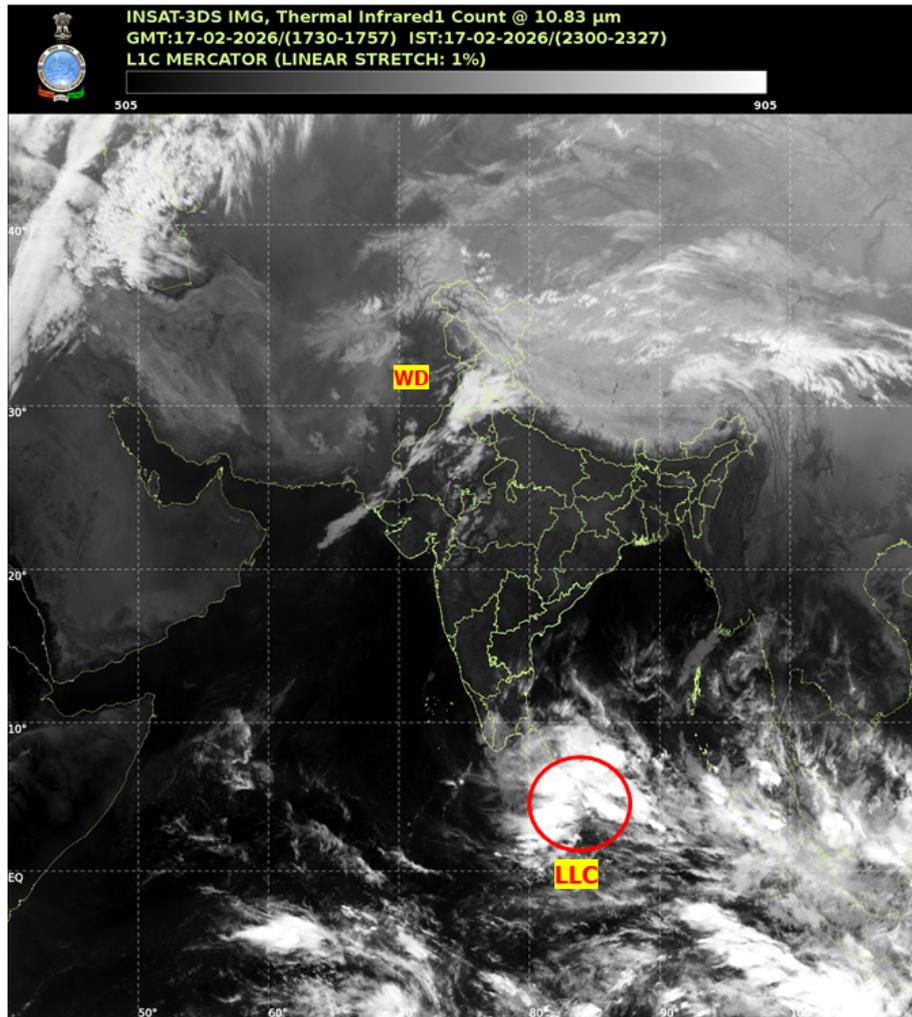
TCIN50 DEMS 171800
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 171730 UTC (.)
REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:

LLC OVER EQUATORIAL INDIAN OCEAN ADJOINING SOUTH-WEST BAY :-
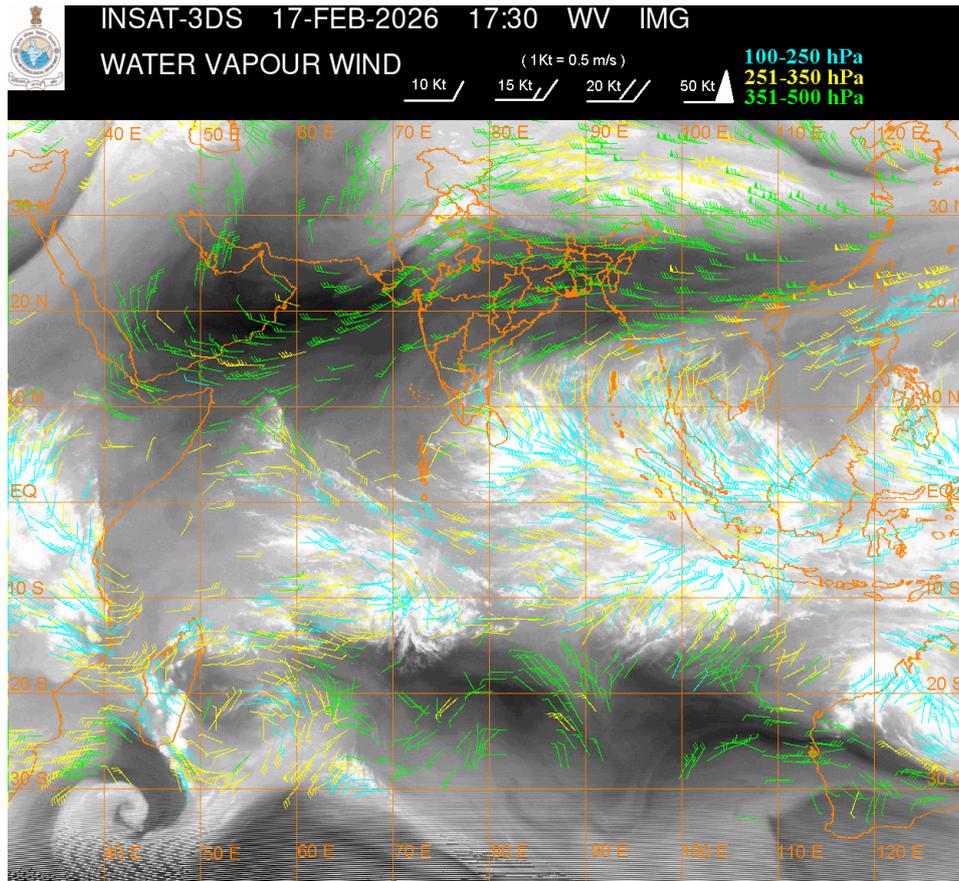
LOW LEVEL CIRCULATION (LLC) OVER EQUATORIAL INDIAN OCEAN ADJ SOUTH-WEST BAY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SOUTH WEST BAY ADJ EQUATORIAL INDIAN OCEAN & SRI LANKA (MINIMUM CTT MINUS 90 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

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

CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER REST NE STATES (.)

WEST:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER RAJ(.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SW MP E GUJ N M MAHA (.)

SOUTH:

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NICOBAR ILS AREA AND MOD TO INT CONVTN OVER ANDAMAN ILS AREA (.) ISOL TO SCT LOW/MED CLOUDS OVER COTL KRNTK N COTL AP KER TN LKSDP ILS(.)
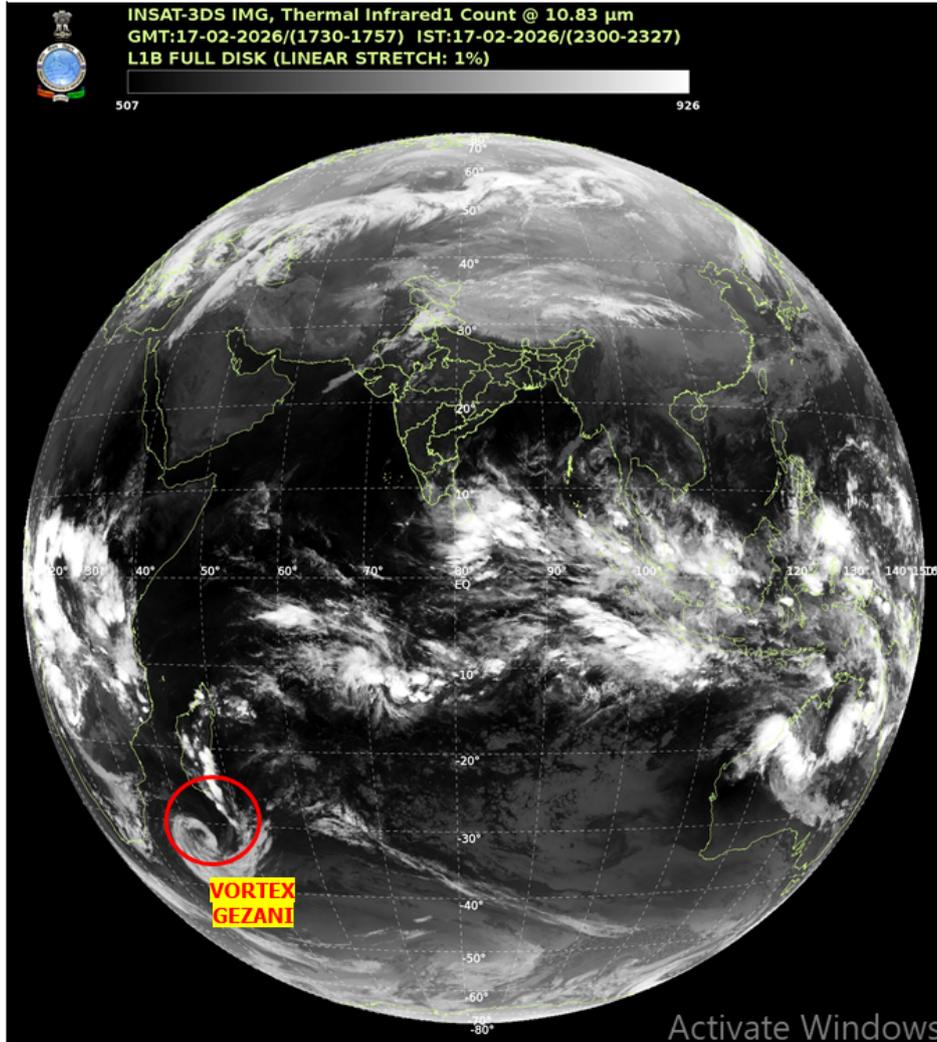
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SOUTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN AND ANDAMAN SEA (.) SCT LOW/MED CLOUDS OVER CENTRAL BAY (.)

CLOUD DESCRIPTION OUTSIDE INDIA:

VORTEX (GEZANI) OVER SOUTH INDIAN OCEAN (SOUTH OF MADAGASCAR) :-

VORTEX (GEZANI) OVER SOUTH INDIAN OCEAN (AREA D75) CENTERED NEAR 31.3S / 42.3E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 25.0S TO 36.0S LONG 37.0E TO 52.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES AREA PAK TIBET CHINA EAST CHINA SEA SOUTH THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 50.0E TO 120.0E (.)

T00 18/0020 HRS IST

NNNN

LEGEND

REGION	
NORTH	**J&K HP UTRKND PJB HARY DLH UP**
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	
J&K	**JAMMU AND KASHMIR**
HP	**HIMACHAL PRADESH**
UTRKND	**UTTARAKHAND**
PJB	**PUNJAB**
HARY	**HARYANA**
DLH	**DELHI**
BHR	**BIHAR**
JHRKND	**JHARKHAND**
CHTGH	**CHHATTISGARH**
ORS	**ORISSA**
GWB	**GANGETIC WEST BENGAL**
SHWB	**SUB-HIMALAYAN WEST BENGAL**
SKM	**SIKKIM**
ARUPR	**ARUNACHAL PRADESH**
ASSAM	**ASSAM**
MEGHA	**MEGHALAYA**
MANI	**MANIPUR**
MIZO	**MIZORAM**
TRP	**TRIPURA**
RAJ	**RAJASTHAN**

MP	MADHYA PRADESH
GUJ	GUJARAT
SAU & KUTCH	SAURASHTRA & KUTCH
MAHA	MAHARASHTRA
M MAHA	MADHYA MAHARASHTRA
MRTHWD	MARATHWADA
VID	VIDARBHA
KKN	KONKAN
TLNGN	TELANGANA
RYLSM	RAYALSEEMA
COTL AP	COASTAL ANDHRA PRADESH
NIK	NORTH INTERIOR KARNATAKA
SIK	SOUTH INTERIOR KARNATAKA
COTL KRNTK	COASTAL KARNATAKA
KER	KERALA
TN	TAMILNADU
LKSDP	LAKSHADWEEP
ILS	ISLANDS
ARSEA	ARABIAN SEA
MISCELLANEOUS	
ASSW	IN ASSOCIATION WITH
ASSTD	ASSOCIATED
LLC	LOW LEVEL CIRCULATION
EMBDD	EMBEDDED
N/HOOD	NEIGHBOURHOOD
EXT	EXTREME