

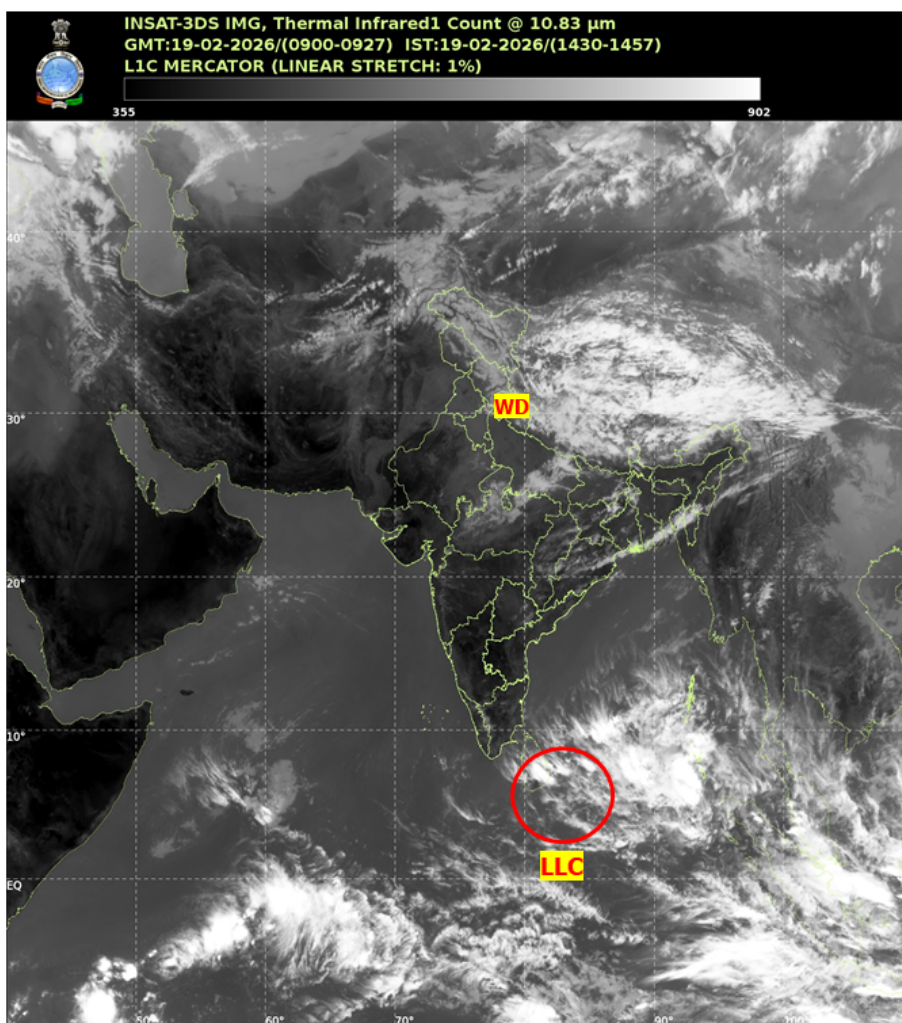


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-02-19 Time: 09:00:00 UTC



TCIN50 DEMS 190900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 190900 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 :-

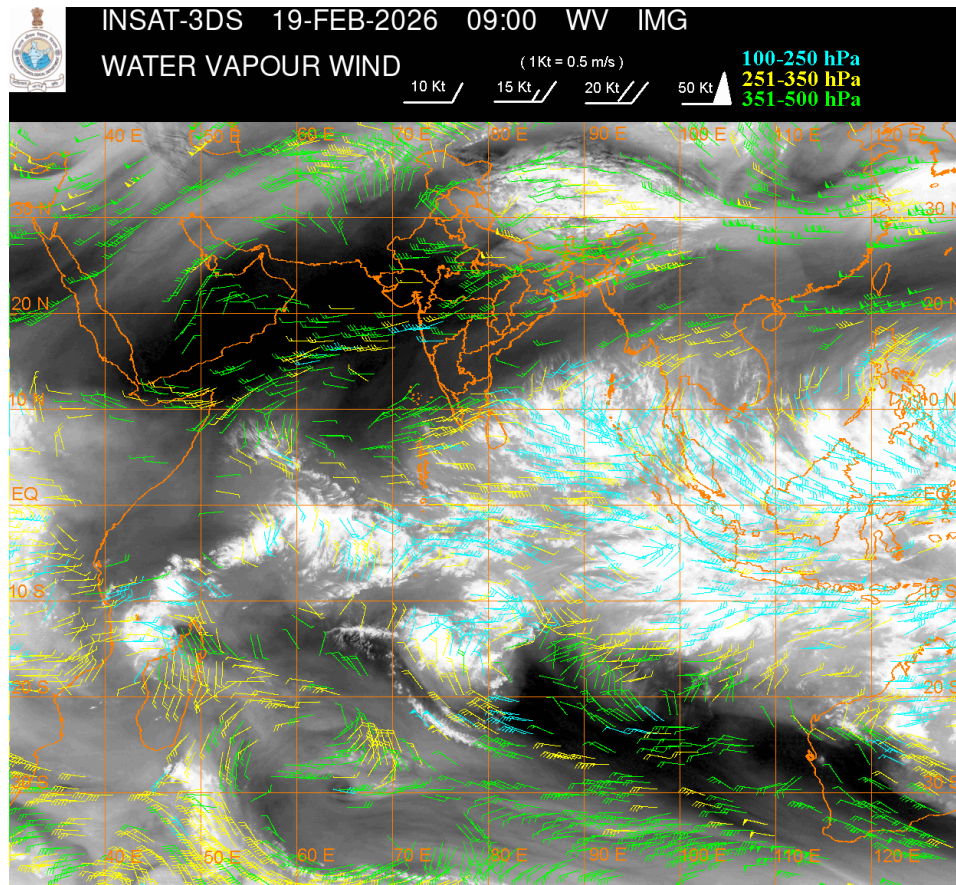
LOW LEVEL CIRCULATION (LLC) OVER EQUATORIAL INDIAN OCEAN ADJ SOUTH-WEST BAY (.)
ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD MODERATE TO INTENSE CONVECTION OVER
SOUTH-WEST BAY ADJ EQUATORIAL INDIAN OCEAN & SRI LANKA (MINIMUM CTT MINUS 50-70
DEG CEL) (.)

CONVECTION OVER SOUTH-EAST BAY AND N/HOOD:-

INTENSE TO VERY INTENSE CONVECTION OVER SE BAY ADJOINING EQUATORIAL INDIAN OCEAN AND SOUTH ANDAMAN SEA PERSISTS DURING PAST 12 HOURS (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH HP UTRKND UP N MP CHTGH JHRKND ORS BHR SKM NEPAL TIBET ADJ CHINA AND N/HOOD IN ASSW WD OVER THE AREA (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER BHR JHRKND CHTGH ORS
GWB SKM ARUPR & S BD (.) ISOL TO SCT LOW/MED CLOUDS OVER SHWB REST NE STATES (.)

WEST:

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

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN &
NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS OVER SIK COTL AP KER TN LKSDP ILS AREA (.)

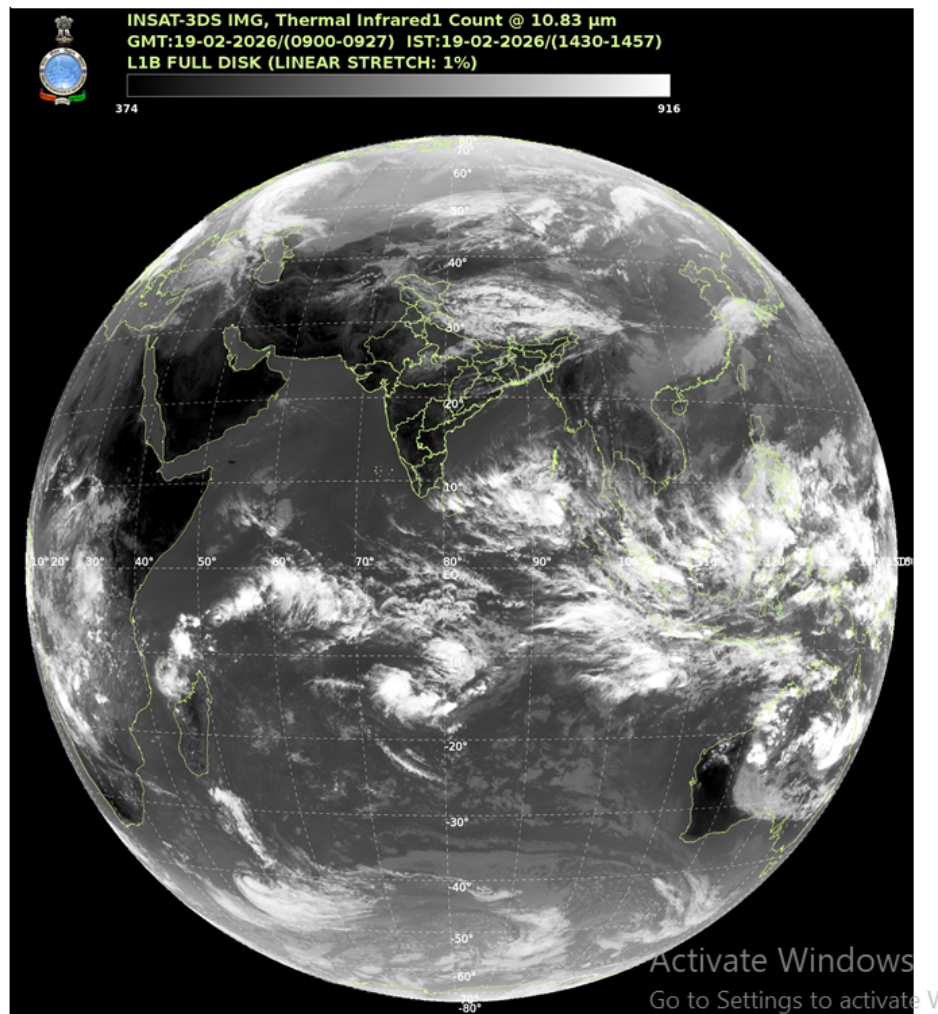
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SW ARSEA MALDIVES &
COMORIN AREA (.) SCT LOW/MED CLOUDS OVER REST ARSEA & LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ADJOINING EQUATORIAL INDIAN OCEAN ANDAMAN SEA AND MOD TO INT CONVTN OVER SW BAY ADJOINING EQUATORIAL INDIAN OCEAN (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER NORTH & CENTRAL BAY (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES AREA NEPAL BHUTAN TIBET CHINA YELLOW SEA ADJ EAST CHINA SEA SOUTH THAILAND GULF OF THAILAND SOUTH VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA NORTH MADAGASCAR NORTH MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 25.0S LONG 40.0E TO 120.0E (.)

T00 19/1540 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