

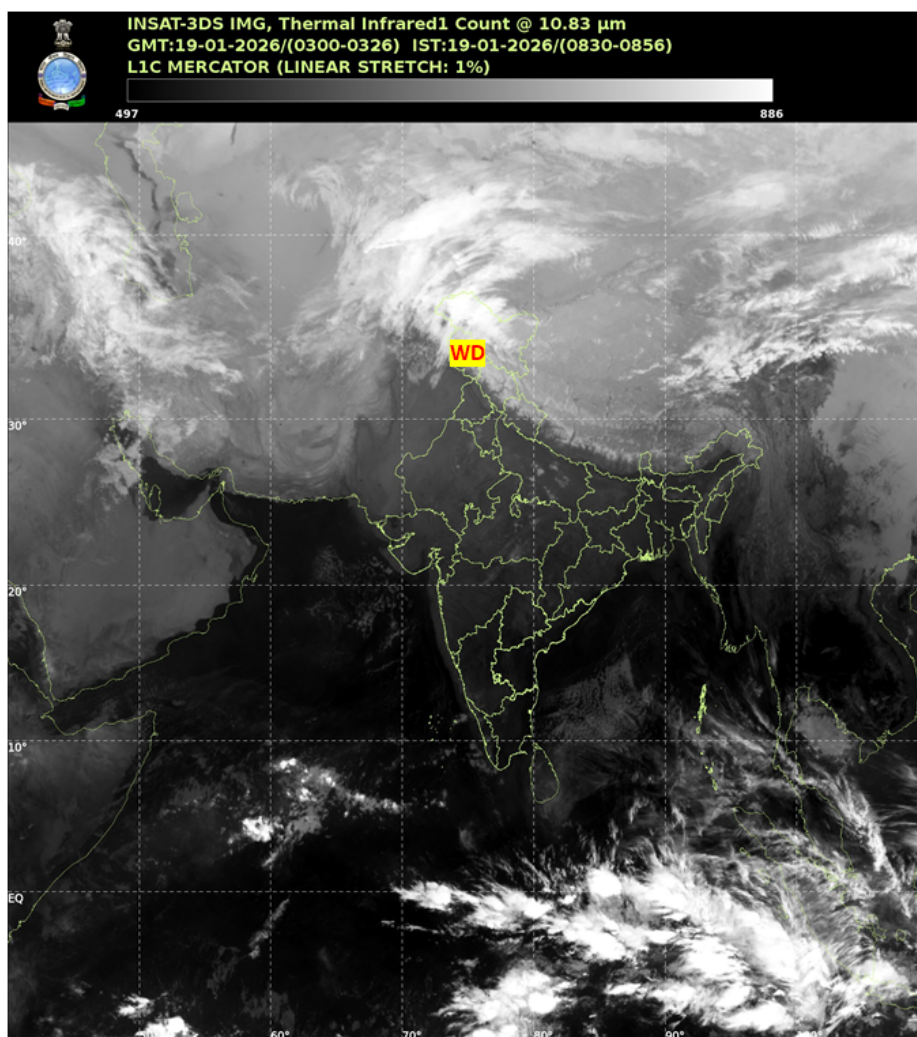


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-01-19 Time: 03:00:00 UTC



TCIN50 DEMS 190300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 190300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:

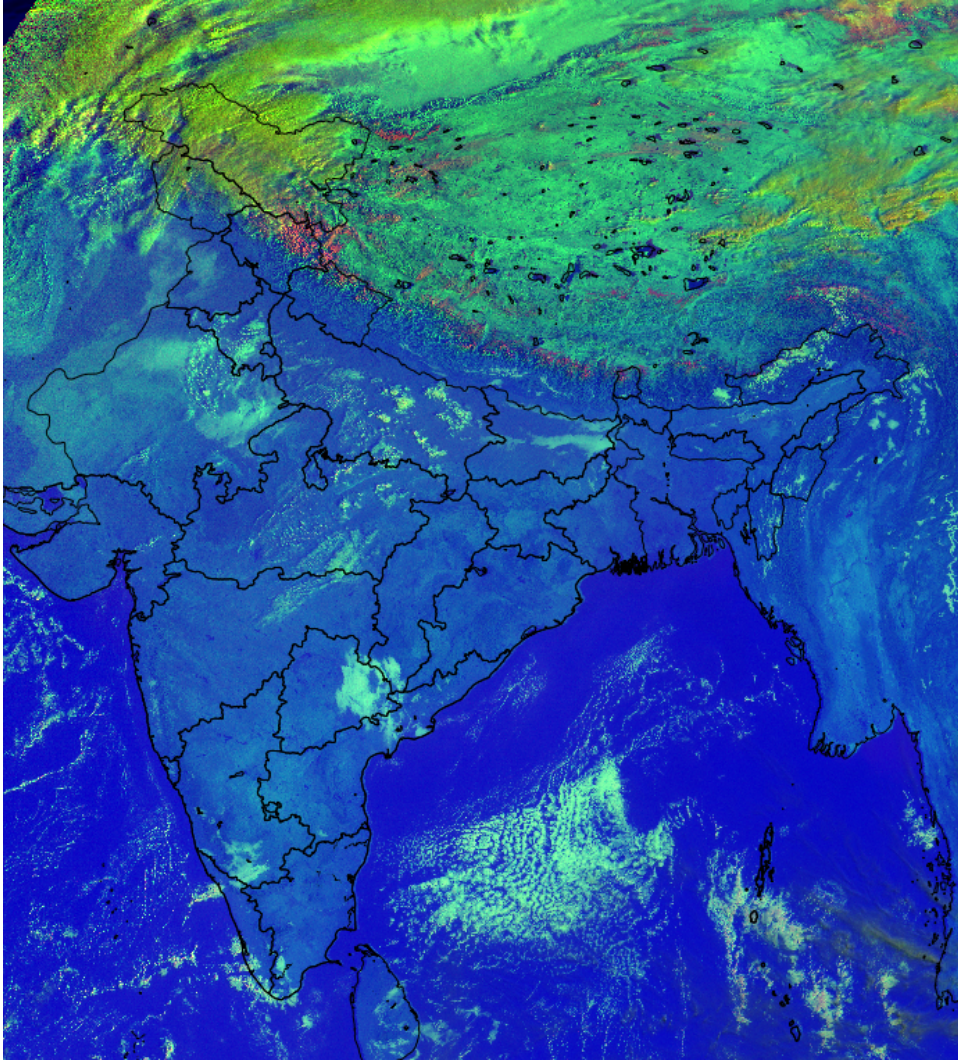
WESTERN DISTURBANCE (WD):-

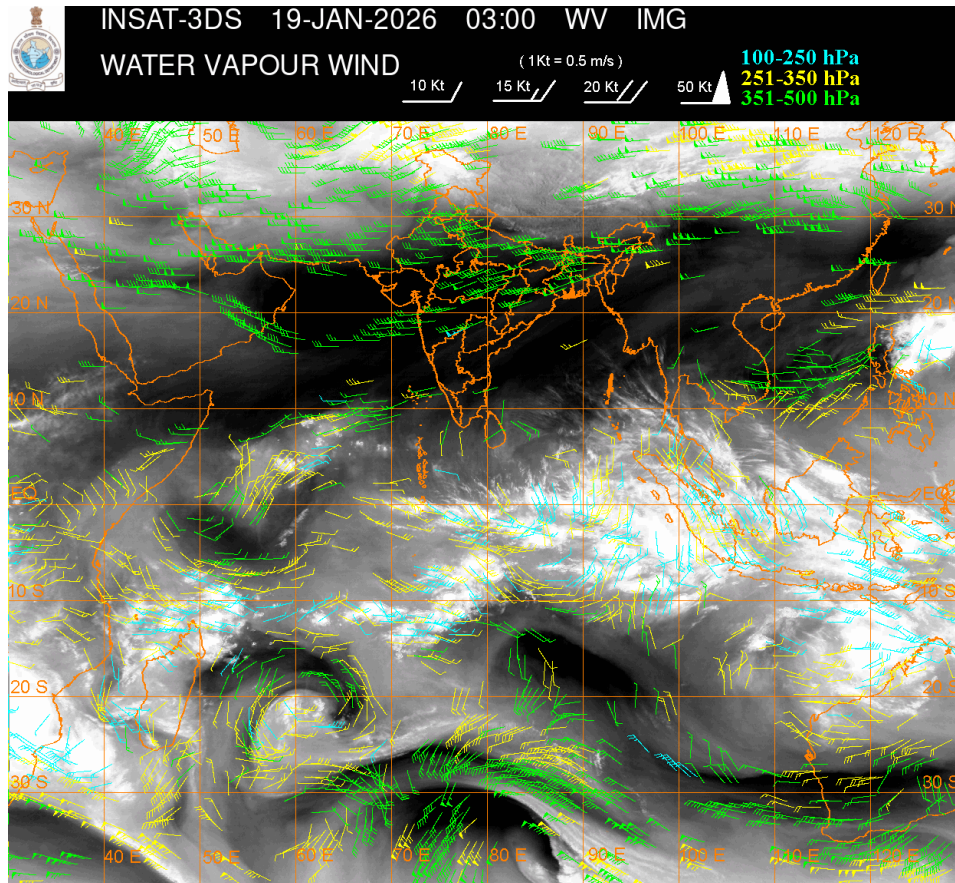
SCT TO BKN MULTILAYERED CLOUDS OVER AFGAN NORTH PAK LADAKH J&K HP UTRKND TIBET
ADJ CHINA IN ASSW WD OVER THE AREA (.)

FOG/LOW CLOUDS

ISOL FOG/LOW CLOUDS OVER E PAK PJB RAJ HARY DLH UP BHR NE JHRKND MP E TLNGN N COTL

AP (.)





CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR S CHTGH (.) SCT LOW/MED CLOUDS OVER SHWB REST NE STATES (.)

WEST:

ISOL TO SCT LOW/MED CLOUDS OVER RAJ GUJ MP MAHA(.)

SOUTH:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E TLNGN N COTL AP ANDAMAN & NICOBAR ISLAND (.) ISOL TO SCT LOW/MED CLOUDS OVER KER S COTL AP TN & LKSDP ILS (.)

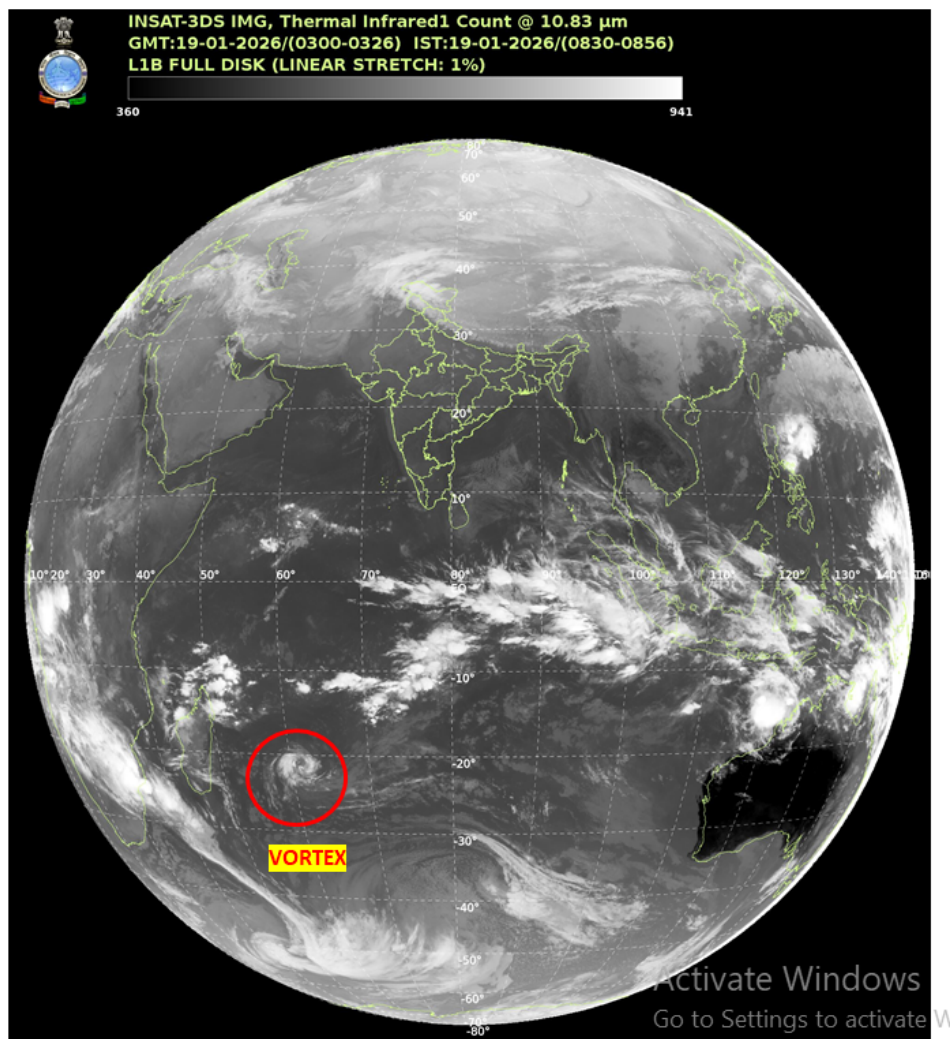
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA (.) SCT LOW/MED CLOUDS OVEVR NORTH & CENTRAL ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SE BAY SOUTH ANDAMAN SEA (.) SCT LOW/MED CLOUDS OVER REST BAY NORTH ANDAMAN SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN :-

VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN (AREA D60) CENTERED NEAR 21.1S / 62.2E (.)
 INTENSITY T2.5/3.5 (.) MAX SUSTAINED WINDS 48-63 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH
 EMBDD INT TO V INT CONVTN OVER AREA BET LAT 18.0S TO 24.0S LONG 63.0E TO 70.0E (.)
 SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH PAK NORTH NEPAL
 TIBET CHINA YELLOW SEA EAST CHINA SEA 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 35.0S LONG
 40.0E TO 120.0E (.)

T00 19/0930 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