

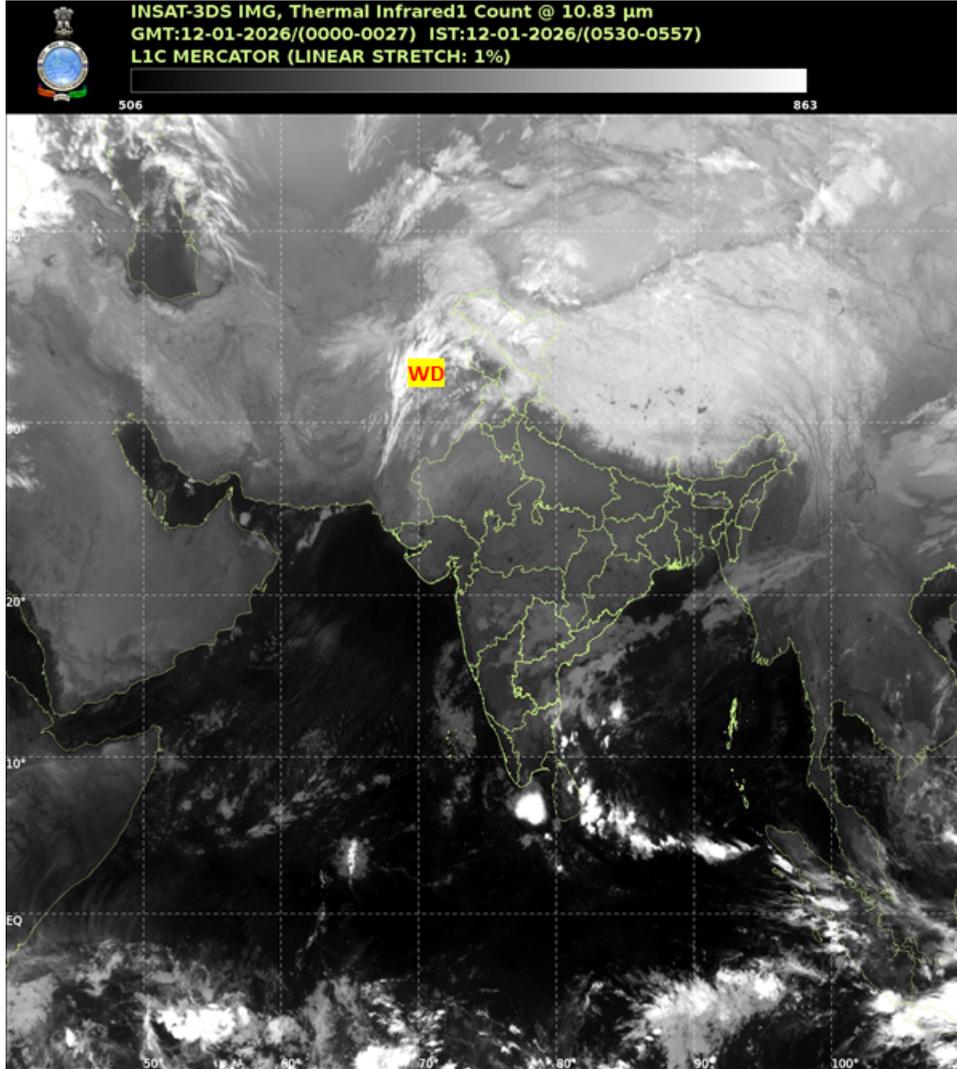


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-01-12 Time: 00:00:00 UTC



TCIN50 DEMS 120000

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 120000 UTC (.)

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

SALIENT FEATURES:

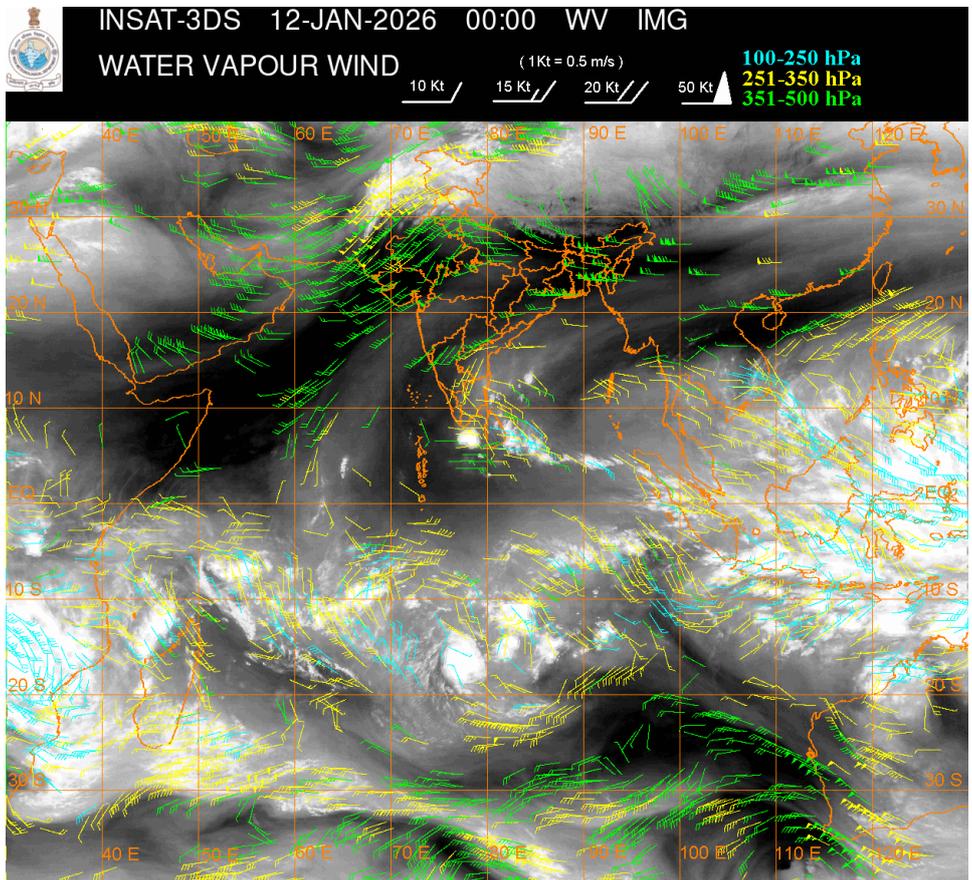
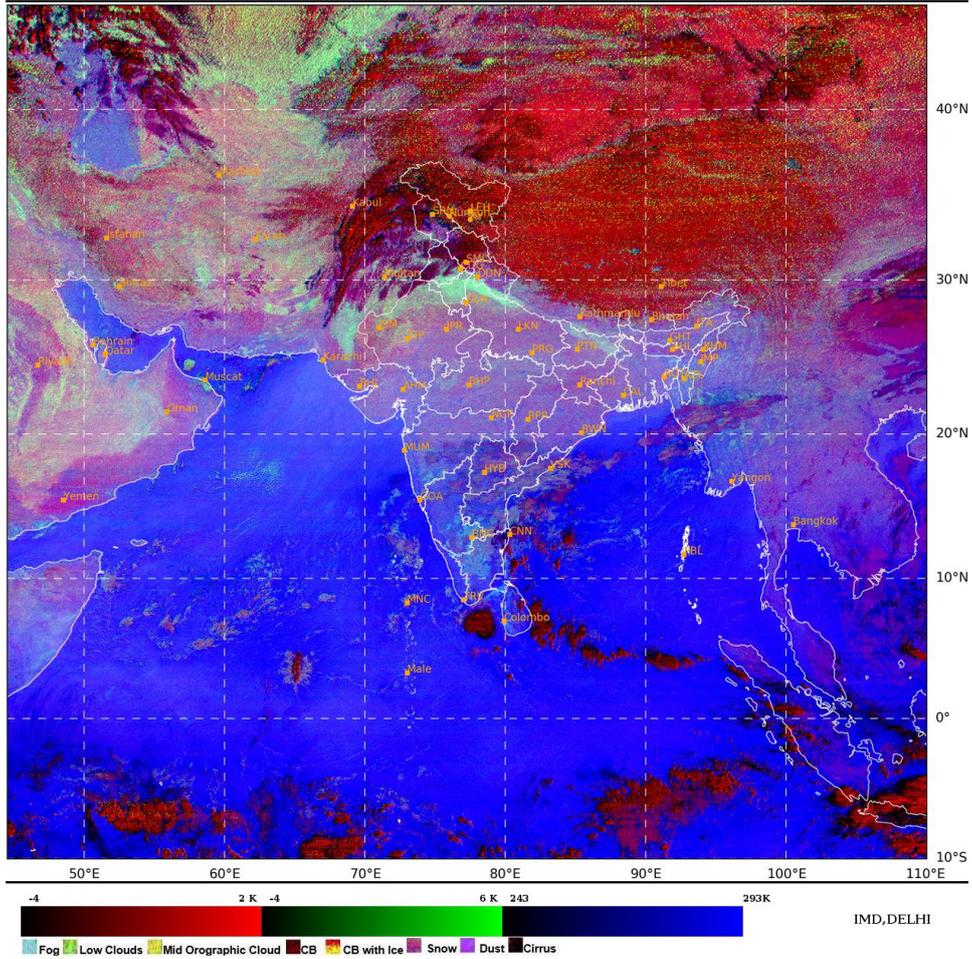
WESTERN DISTURBANCE (WD):-

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

FOG / LOW CLOUDS:-

SCT FOG / LOW CLOUDS OVER E PAK PJB HARY DLH W RAJ S UTRKND ADJ UP AND N BHR (.)

SAT : INSAT-3DR IMG
 12-01-2026/(0015 to 0041) GMT
 Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (C), TIR1_BT (B)
 LIC Mercator
 12-01-2026/(0545 to 0611) IST



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP PJB (.)
ISOL LOW/MED CLOUDS OVER UTRKND N HARY (.)

EAST:

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

WEST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER EXT NW RAJ (.) SCT LOW/MED
CLOUDS OVER S VID MRTHWD SOUTH MADHYA MAHA S KKN GOA (.)

SOUTH:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER COTL AP NE TN LKSDP ILS
AREA (.) SCT LOW/MED CLOUDS OVER KRNTK TLNGN RYLSM KER REST TN ANDAMAN & NICOBAR
ILS (.)

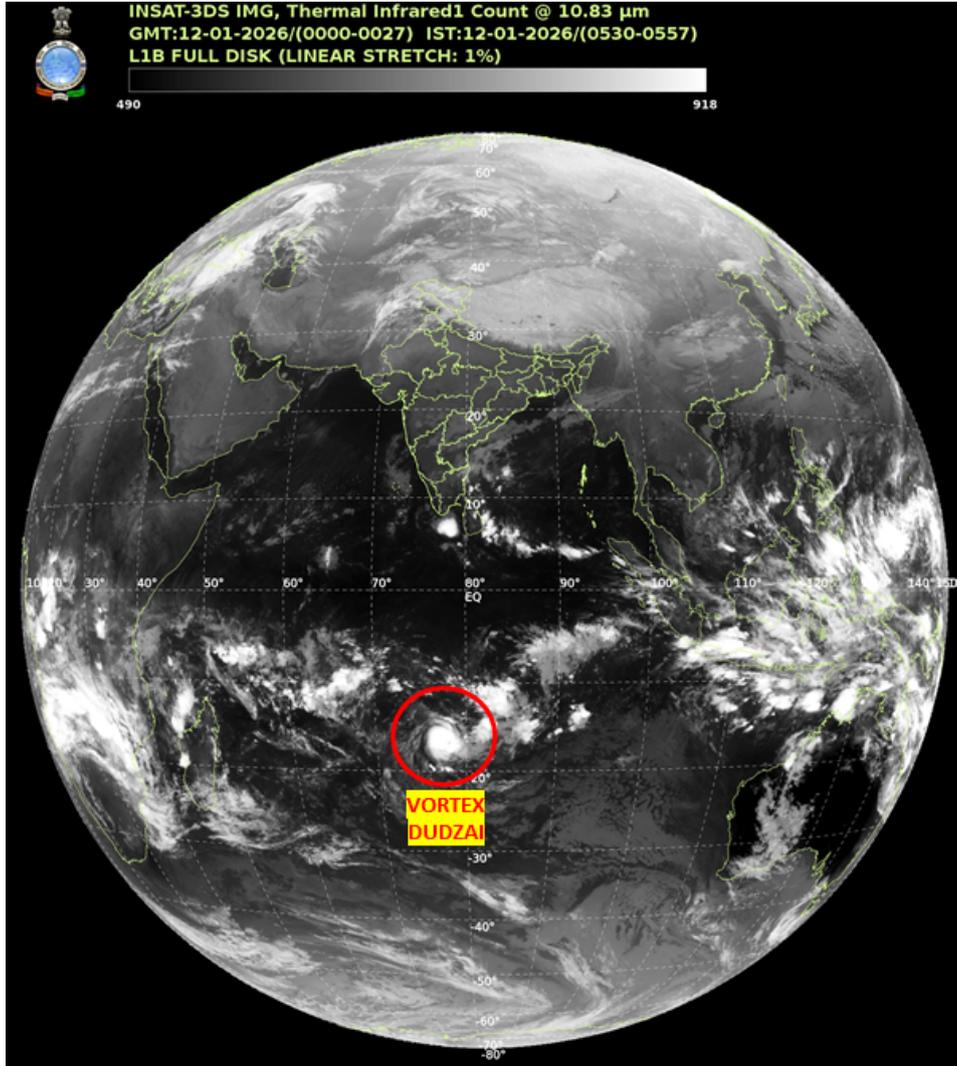
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COMORIN AREA (.) SCT
LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW ARSEA CENTRAL & SOUTH
ARSEA LKSDP ILS AREA AND MALDIVES AREA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY AND ISOL WK TO MOD
CONVTN OVER REST BAY (.) SCT LOW/MED CLOUDS OVER ANDAMAN SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN :-

VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN (AREA E80) CENTERED NEAR 16.4S / 77.7E (.) INTENSITY T4.5/4.5 (.) MAX SUSTAINED WINDS 64-89 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 13.0S TO 20.0S LONG 75.0E TO 80.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PAK BHUTAN TIBET CHINA 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 20.0S LONG 40.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 40.0E TO 80.0E (.)

T00 12/0715 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