

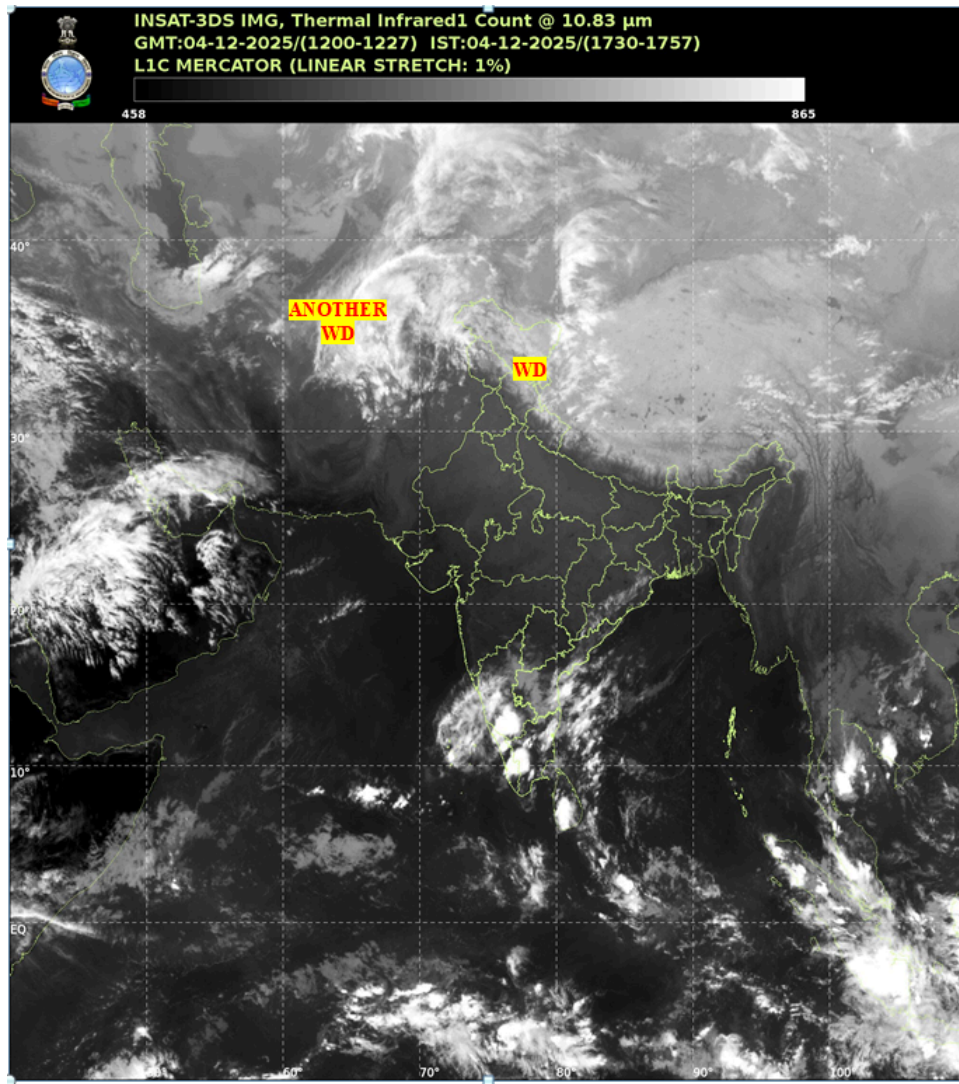


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2025-12-04 Time: 12:00:00 UTC



TCIN50 DEMS 041200

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 041200 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 MULTILAYERED CLOUDS OVER LADAKH HP UTRKND W NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

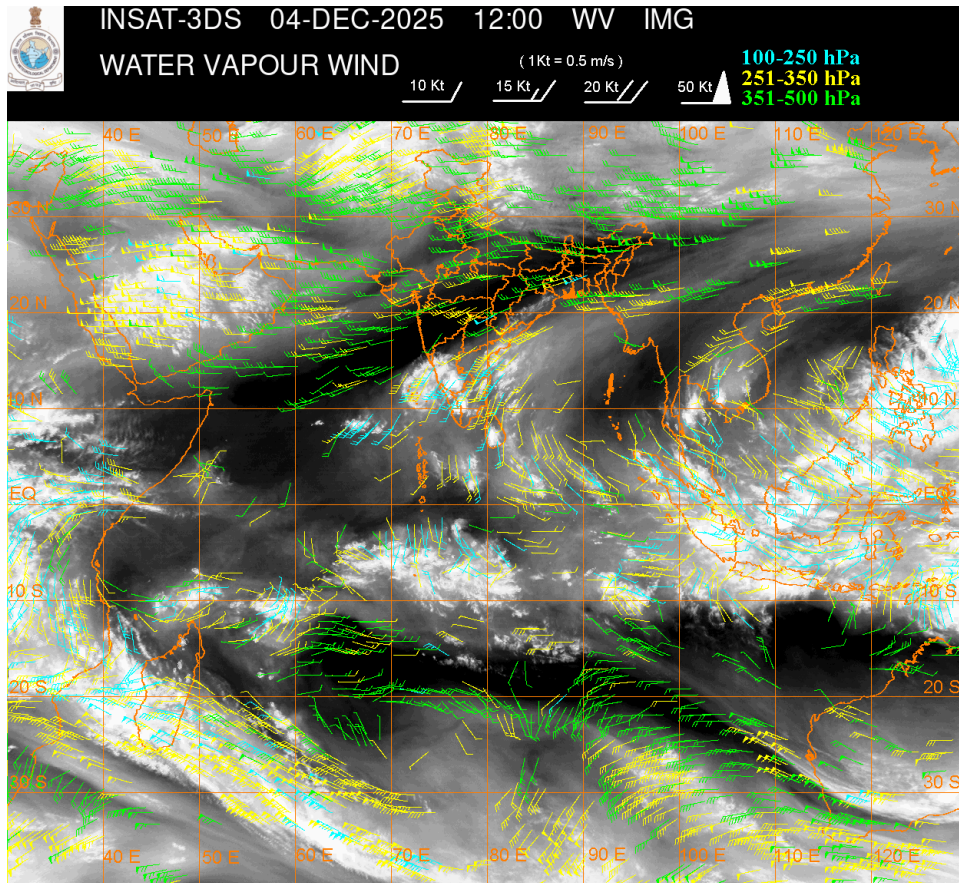
SCT MULTILAYERED CLOUDS OVER AFGAN ADJ PAK AND N/HOOD IN ASSW ANOTHER WD

OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY

INTENSE TO VERY INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER SIK KER TN LKSDP ILS AREA (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER GOA COTL KRNTK NIK COTL AP (MINIMUM CTT MINUS 50-70 DEG CEL) (.)



CLOUD DESCRIPTION WITHIN INDIA

NORTH

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

EAST

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

WEST

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GOA (.) SCT LOW/MED CLOUDS OVER W MRTHWD SOUTH MADHYA MAHA S KKN (.)

SOUTH

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SIK KER TN
LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COTL
KRNTK NIK COTL AP AND ISOL WK TO MOD CONVTN OVER TLNGN RYLSM (.) SCT LOW/MED
CLOUDS OVER ANDAMAN & NICOBAR ILS (.)

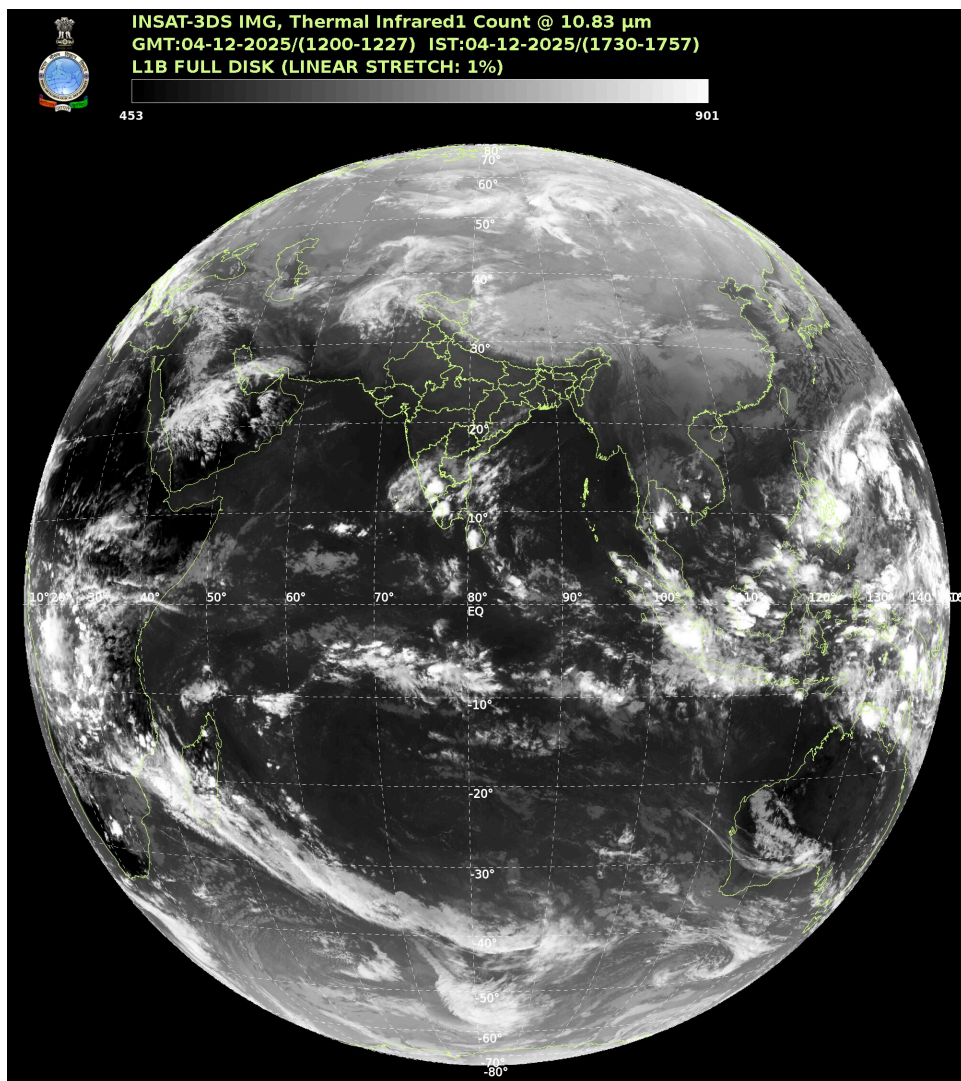
ARABIAN SEA

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER LKSDP ILS AREA
& ADJ EC ARSEA OFF KRNTK COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT
CONVTN OVER SE ARSEA AND ISOL WK TO MOD CONVTN OVER WEST ARSEA MALDIVES &
COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC & SW BAY (.)

CLOUD DESCRIPTION OUTSIDE INDIA



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR
GULF OF MANNAR MALDIVES AREA NORTH PAK NEPAL TIBET CHINA SOUTH THAILAND
GULF OF THAILAND CAMBODIA VIETNAM 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 LAT 15.0S LONG 40.0E

TO 110.0E AND BET LAT 20.0S TO 35.0S LONG 40.0E TO 70.0E (.)

TOO 04/1830 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