

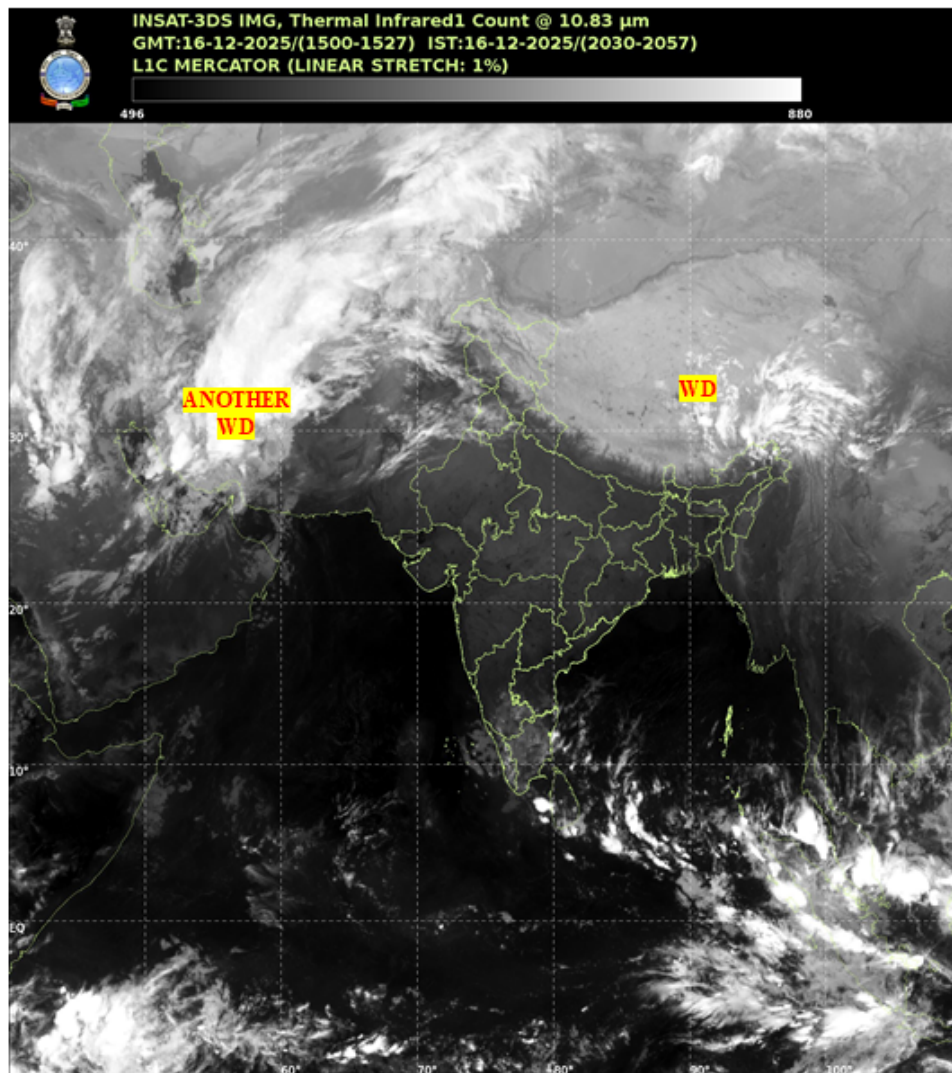


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2025-12-16 Time: 15:00:00 UTC



TCIN50 DEMS 161500

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 161500 UTC (.)

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

SALIENT FEATURES:

FOG/LOW CLOUDS

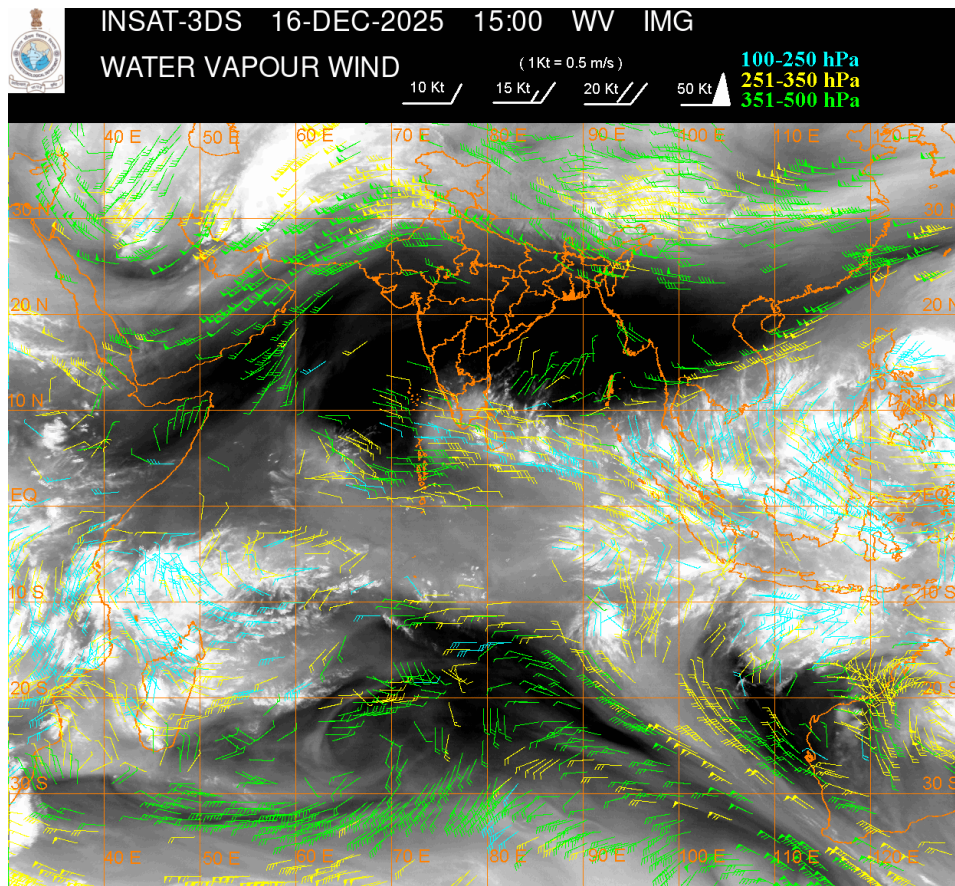
THE INSAT-3DR COMPOSITE NIGHTTIME RGB IMAGERY INDICATE FOG/LOW CLOUDS OVER N UP SE UTRKND ADJ NEPAL.(.)

WESTERN DISTURBANCE (WD):

SCT TO BKN MULTILAYERED CLOUDS OVER AFGAN N PAK LADAKH J&K HP UTRKND IN ASSW WD

OVER THE AREA (.)

**SCT TO BKN MULTILAYERED CLOUDS OVER E TIBET ADJ CHINA & N/HOOD IN ASSW ANOTHER WD
OVER THE AREA (.)**



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

**SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER NE ASSAM SKM ARUPR (.) ISOL
LOW/MED CLOUDS OVER NE STATES (.)**

WEST:

SCT LOW/MED CLOUDS OVER N RAJ (.)

SOUTH:

**SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S KER TN NICOBAR ILS AREA (.)
ISOL TO SCT LOW/MED CLOUDS OVER S COTL AP SIK RYLSMA & ANDAMAN ILS (.)**

ARABIAN SEA:

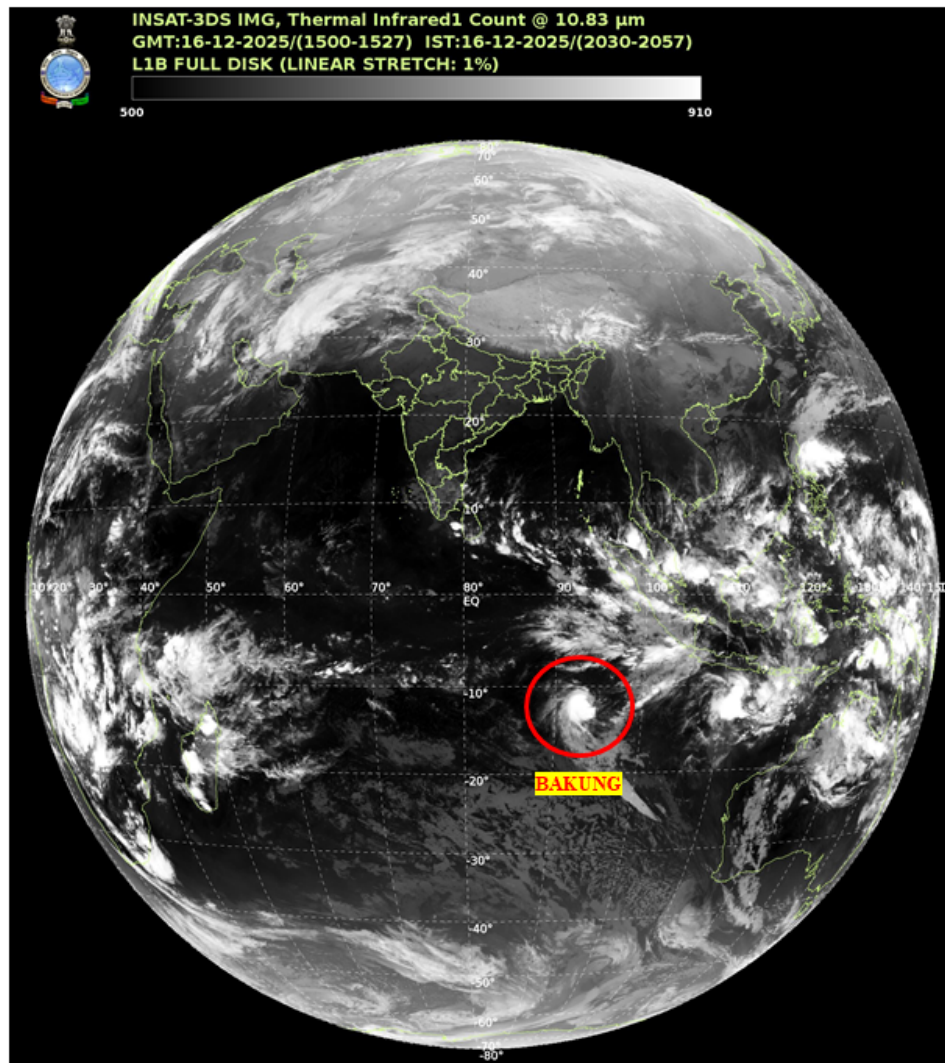
SCT LOW/MED CLOUD WITH EMBDD WK TO MOD CONVTN OVER SE ARSEA ADJ KER COAST (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY AND MOD

TO INT CONVTN OVER S ANDAMAN SEA(.)

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (BAKUNG) OVER SOUTH INDIAN OCEAN:

VORTEX (BAKUNG) OVER SOUTH INDIAN OCEAN (AREA H05) CENTERED NEAR 12.4S / 92.8E (.)
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 9.0S TO 15.0S LONG 90.0E TO
95.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES N PAK
TIBET CHINA YELLOW SEA S THAILAND GULF OF THAILAND S CAMBODIA 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 20.0S LONG 40.0E TO 120.0E (.)

TOO 16/2145 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