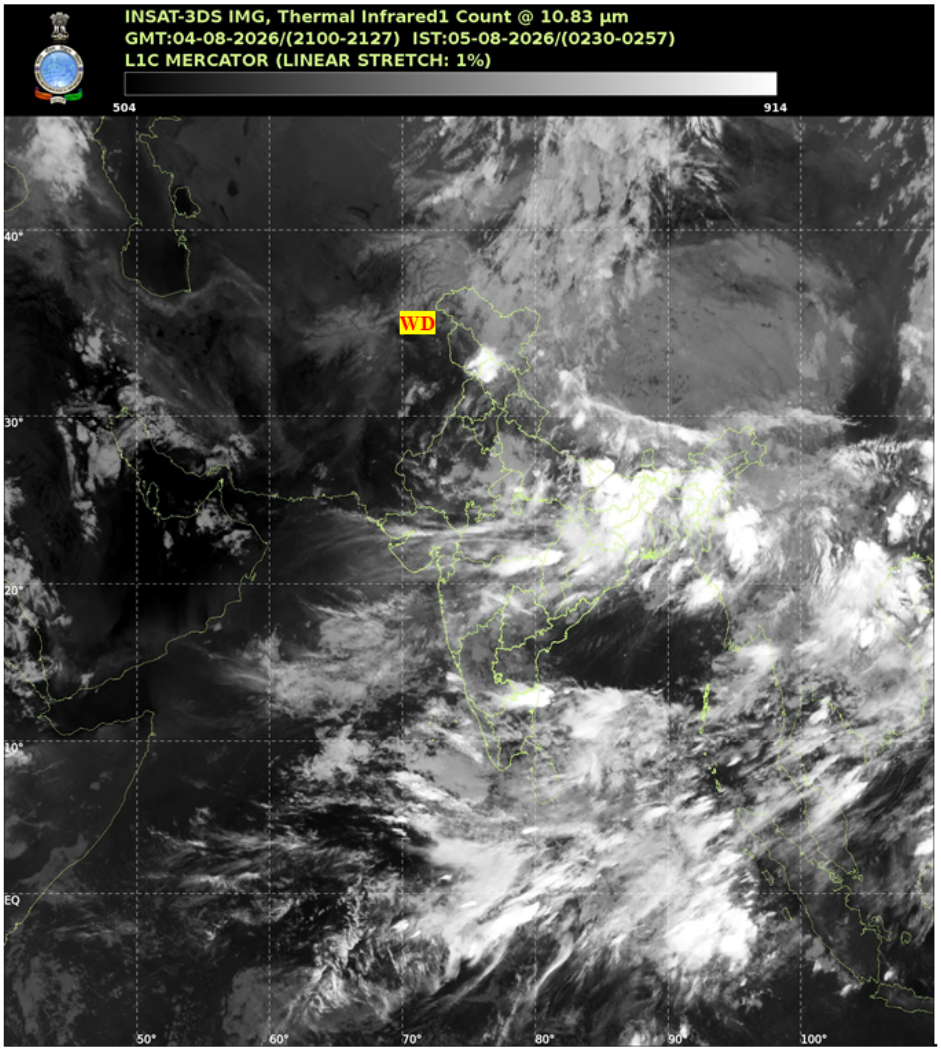
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-08-04 Time: 21:00:00 UTC



TCIN50 DEMS 042100
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 042100 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):-

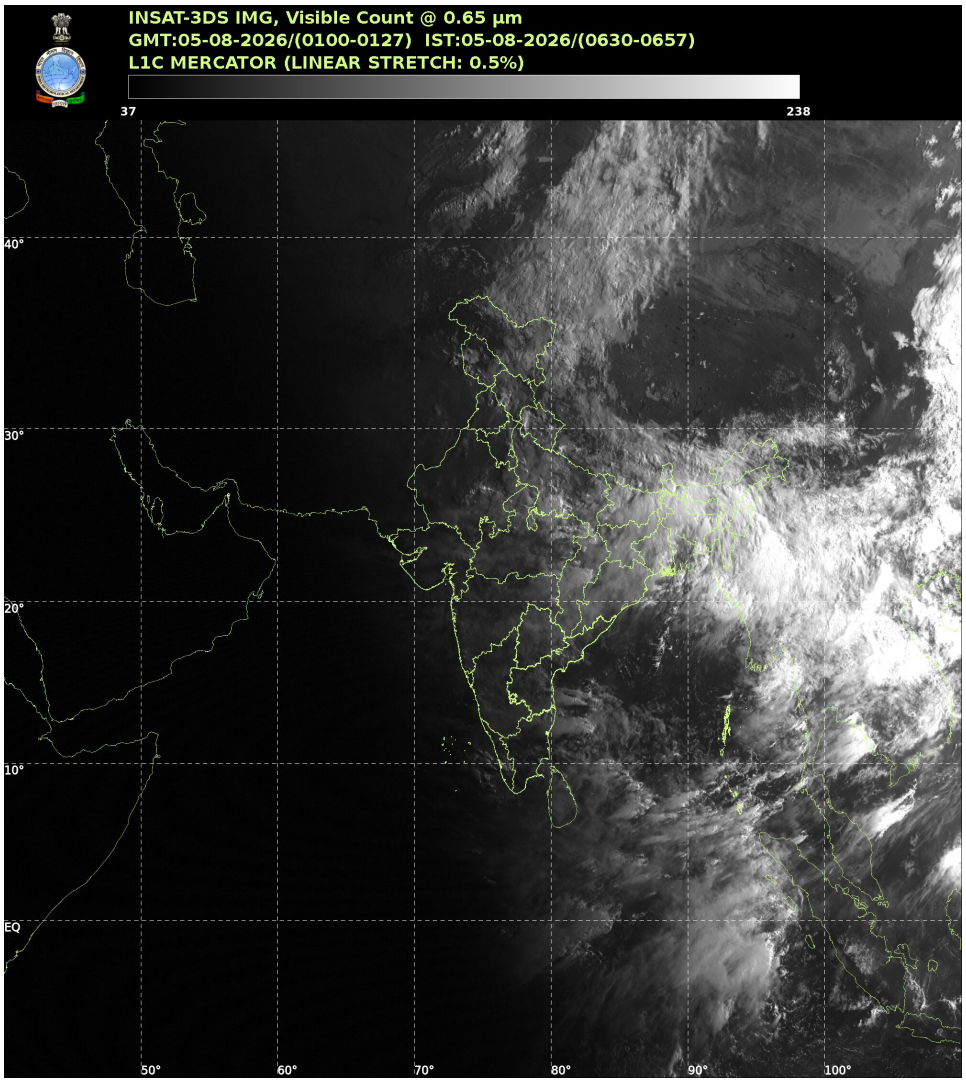
SCT TO BKN MULTILAYERED CLOUDS OVER EAST AFGAN NORTH PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ AND N/HOOD IN ASSW WD OVER THE AREA (.)

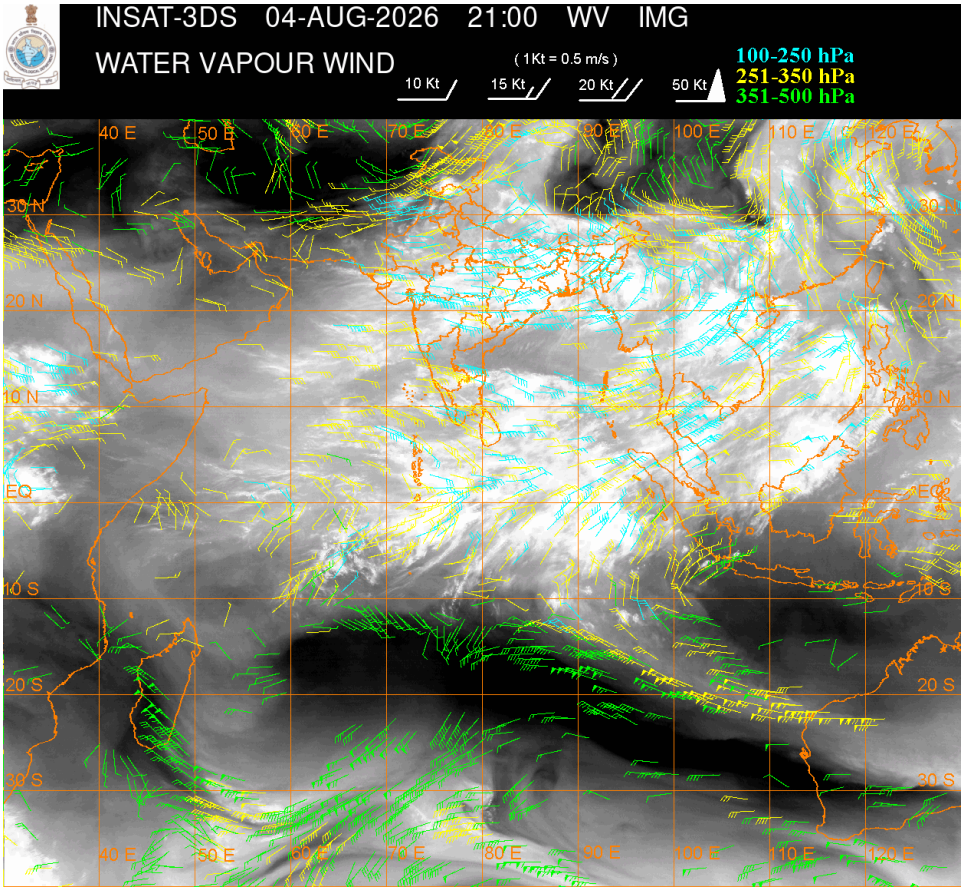
CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER S J&K N HP E UP MP

VID BHR JHRKND N CHTGH ORS GWB SKM SHWB ASSAM MEGHA ARUPR TRP NAGA BD (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER W UP REST NE STATES REST MAHA SIK N TLNGN S RYLSM S COTL AP LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)





CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR JHRKND N CHTGH ORS GWB SHWB SKM ASSAM MEGHA ARUPR TRP NAGA BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S CHTGH REST NE STATES (.)

WEST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP VID (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER RAJ GUJ GOA (.)

SOUTH:

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

ARABIAN SEA:

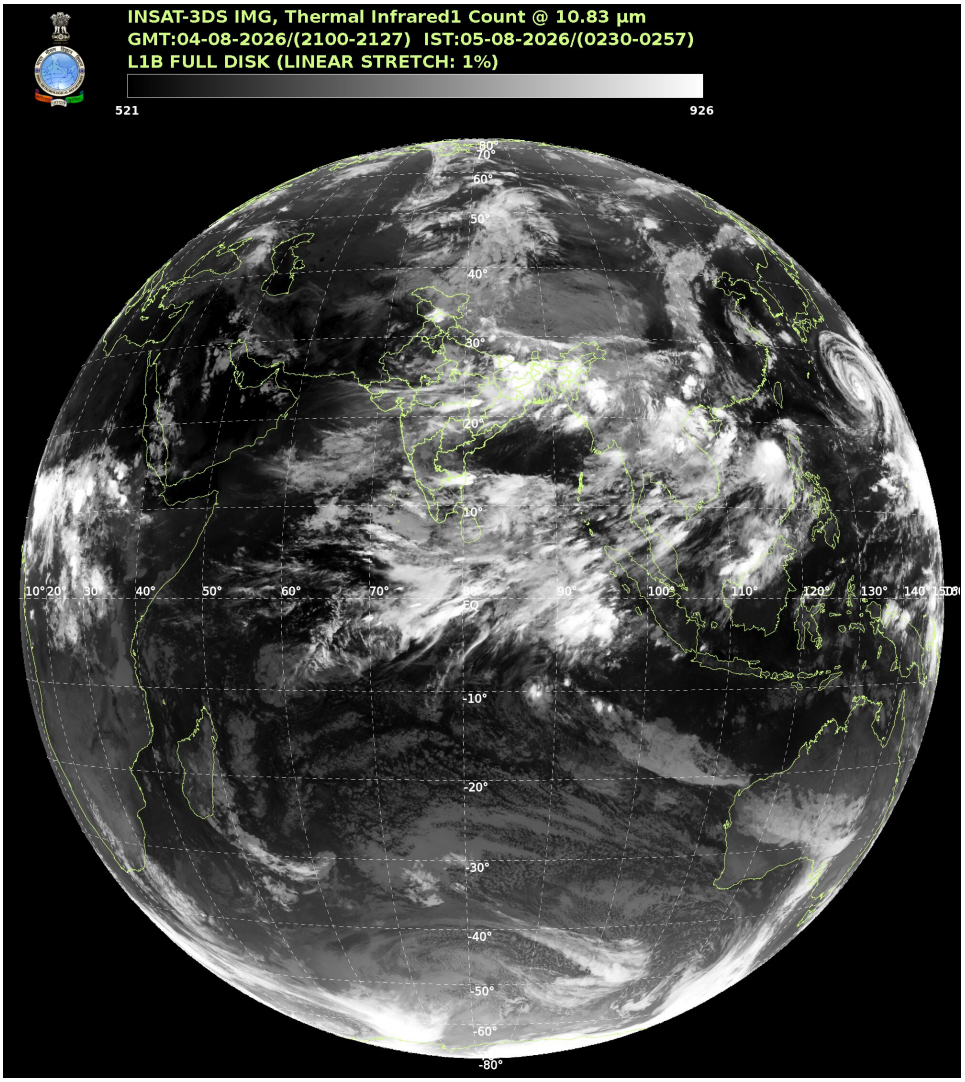
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC OFF GOA-KRNTK COASTS SOUTH ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH & SOUTH BAY AND MOD TO INT CONVTN OVER CENTRAL BAY ARAKAN COAST ANDAMAN SEA AND GULF OF

MARTABAN (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES AREA PAK NEPAL BHUTAN TIBET CHINA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 50.0E TO 100.0E (.)

T00 04/0505 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**