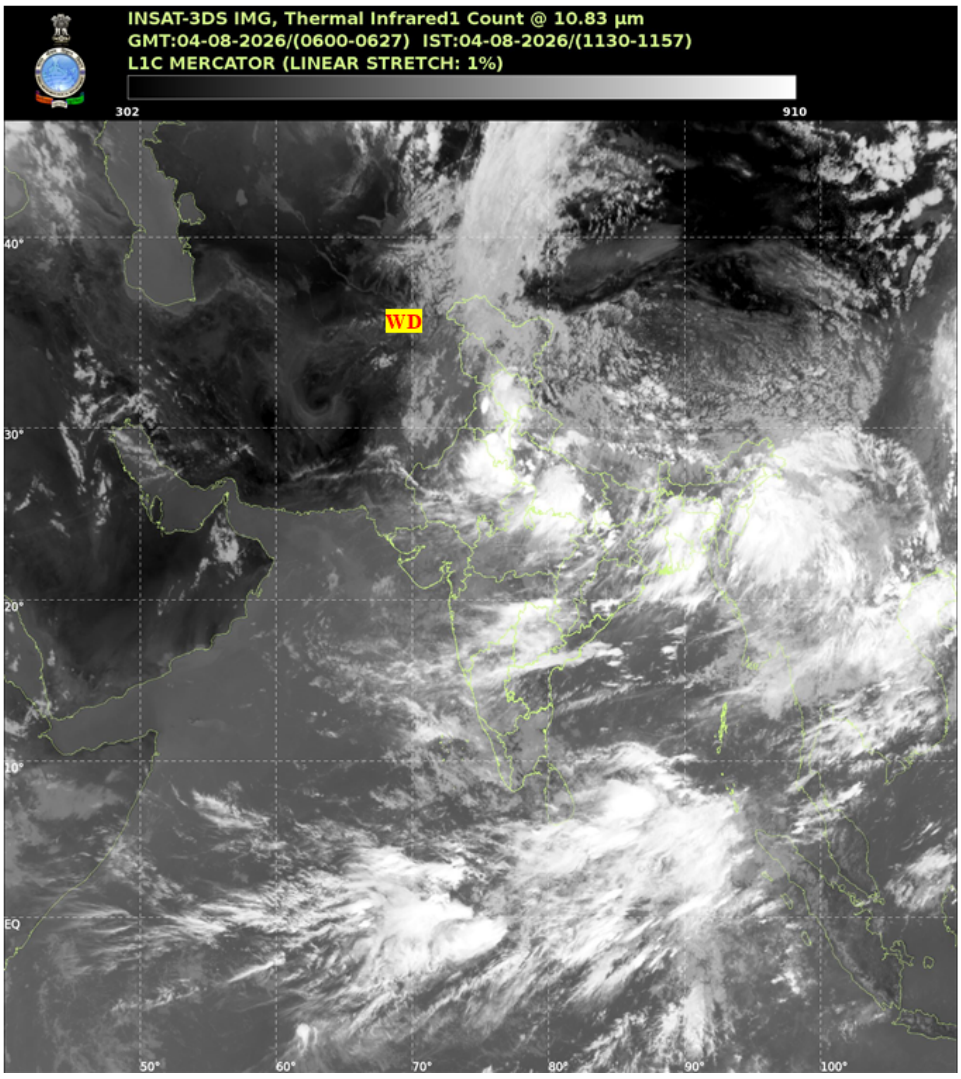
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-08-04 Time: 06:00:00 UTC



TCIN50 DEMS 040600
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 040600 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):-

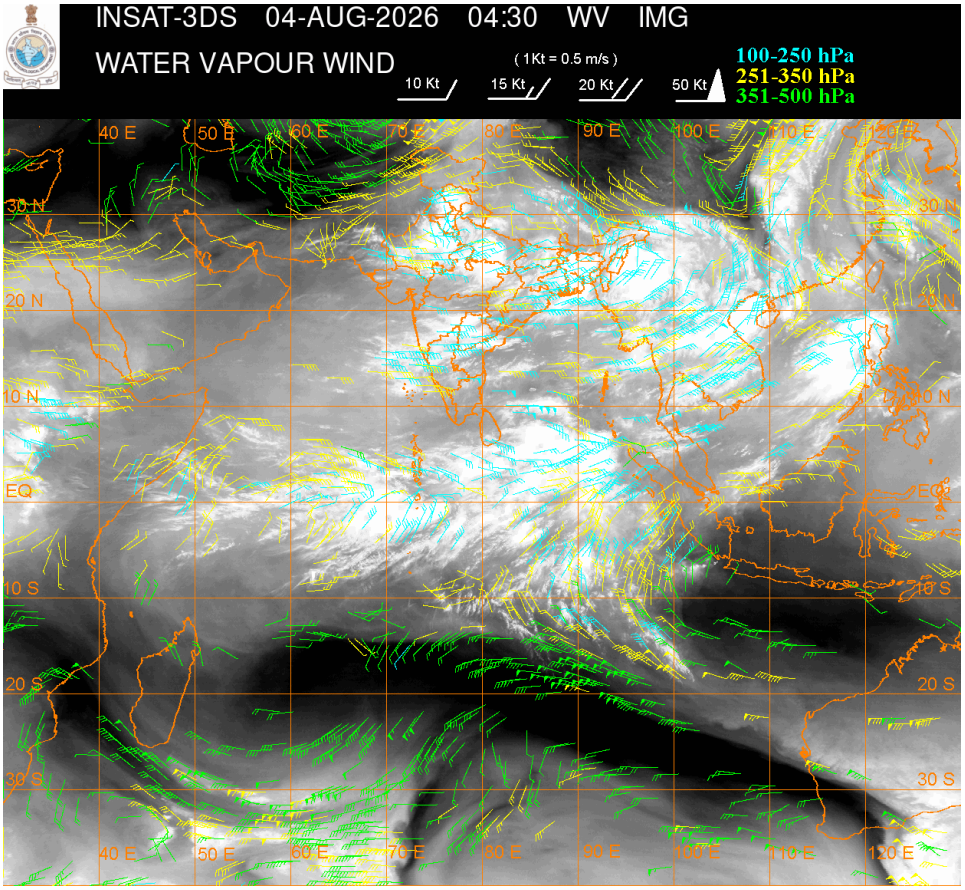
SCT TO BKN MULTILAYERED CLOUDS OVER EAST AFGAN NORTH PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ AND N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER HP N PJB HARY DLH

UP MEGHA N RAJ N MP TLNGN (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER UTRKND S RAJ BHR JHRKND CHTGH GWB SHWB SKM REST NE STATES SE MP MAHA GOA KRNTK RYLSM KER TN LKSDP ILS AREA 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 HP N PJB HARY DLH UP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER UTRKND AND WK TO MOD CONVTN OVER J&K LADAKH S PJB (.)

EAST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MEGHA NAGA MANI & BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR JHRKND CHTGH ORS GWB SHWB SKM ARUPR ASSAM MIZO TRP (.)

WEST:

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

SOUTH:

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

ARABIAN SEA:

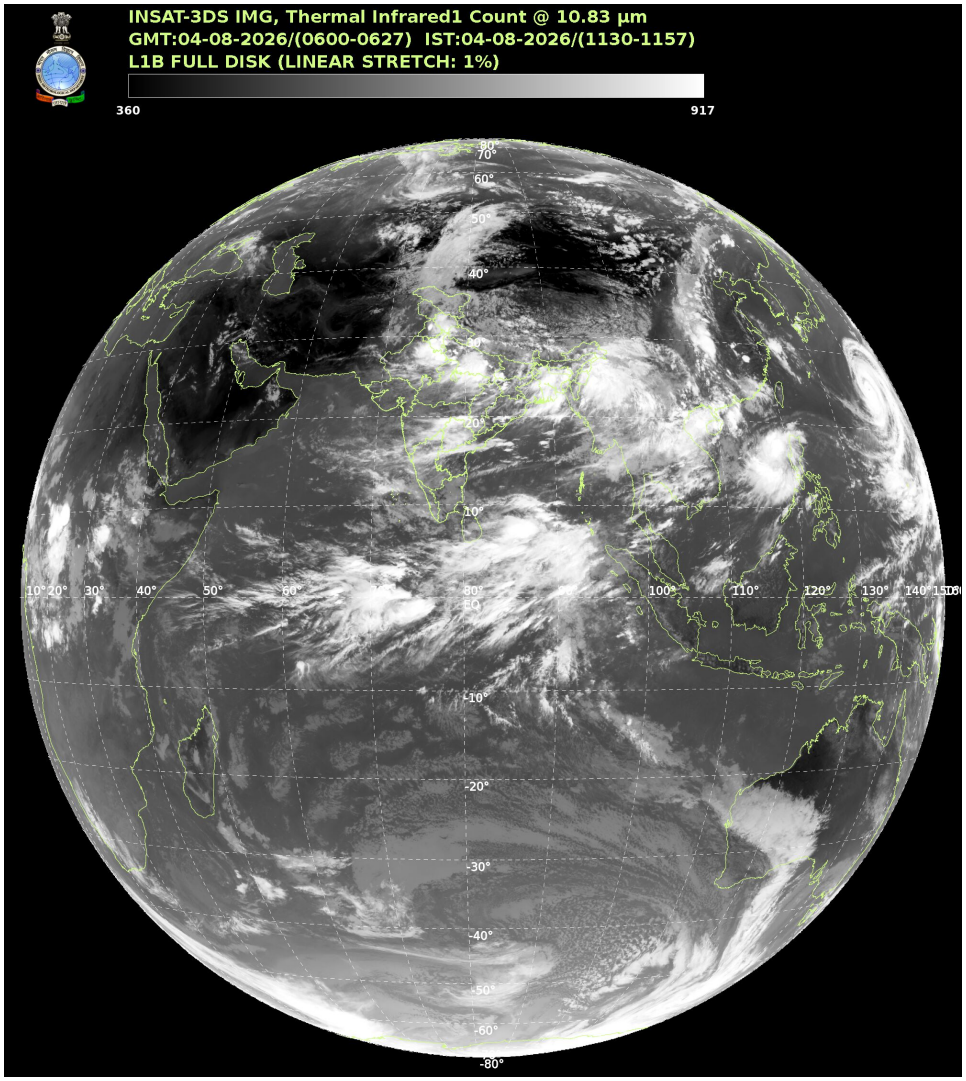
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA OFF GOA-KRNTK

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

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BAY 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 04/1230 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**