

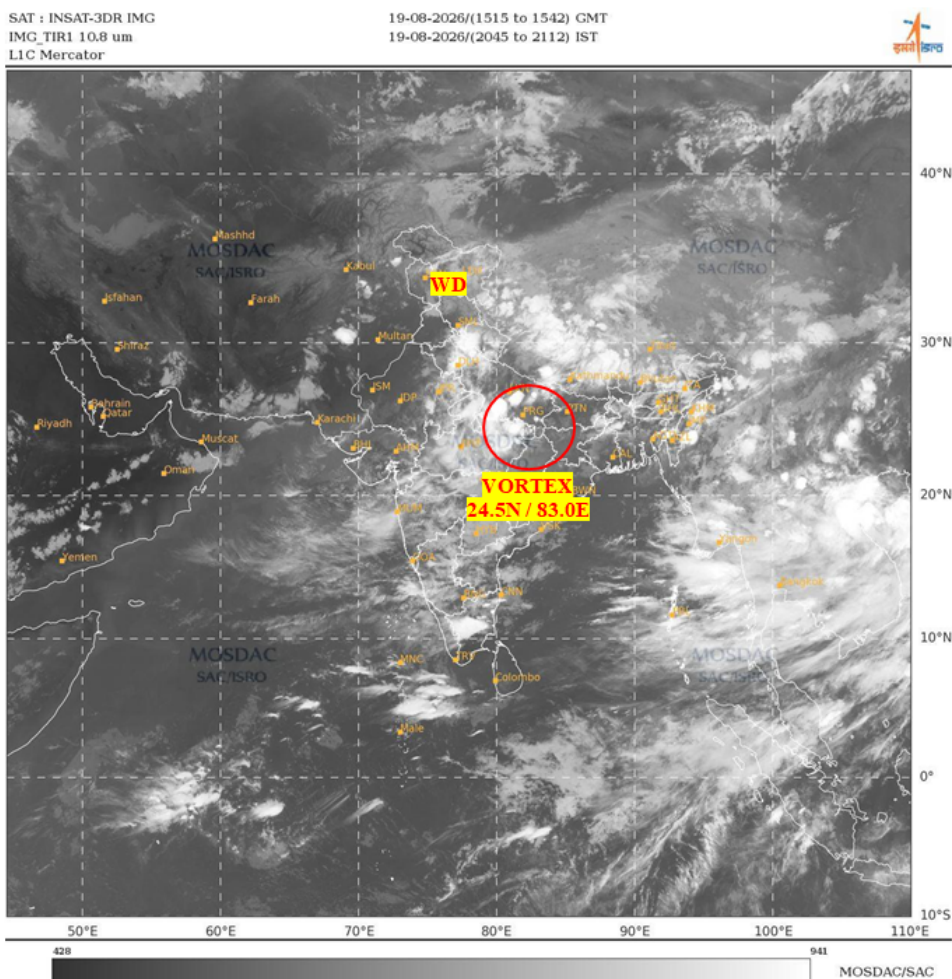


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-08-19 Time: 15:00:00 UTC



TCIN50 DEMS 191500

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 191515 UTC (.)

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

SALIENT FEATURES:

VORTEX OVER SE UTTAR PRADESH ADJOINING NE MADHYA PRADESH NORTH CHHATTISGARH & N/HOOD:-

VORTEX OVER SE UTTAR PRADESH ADJOINING NE MADHYA PRADESH NORTH CHHATTISGARH & N/HOOD CENTERED WITHIN HALF A DEGREE OF 24.5N / 83.0E (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW & E UP MP (MINIMUM CTT MINUS 60-80 DEGREE CELSIUS) AND ISOL WK TO MOD CONVTN OVER BHR JHRKND CHTGH (MINIMUM CTT MINUS 20-30 DEGREE CELSIUS) (.)

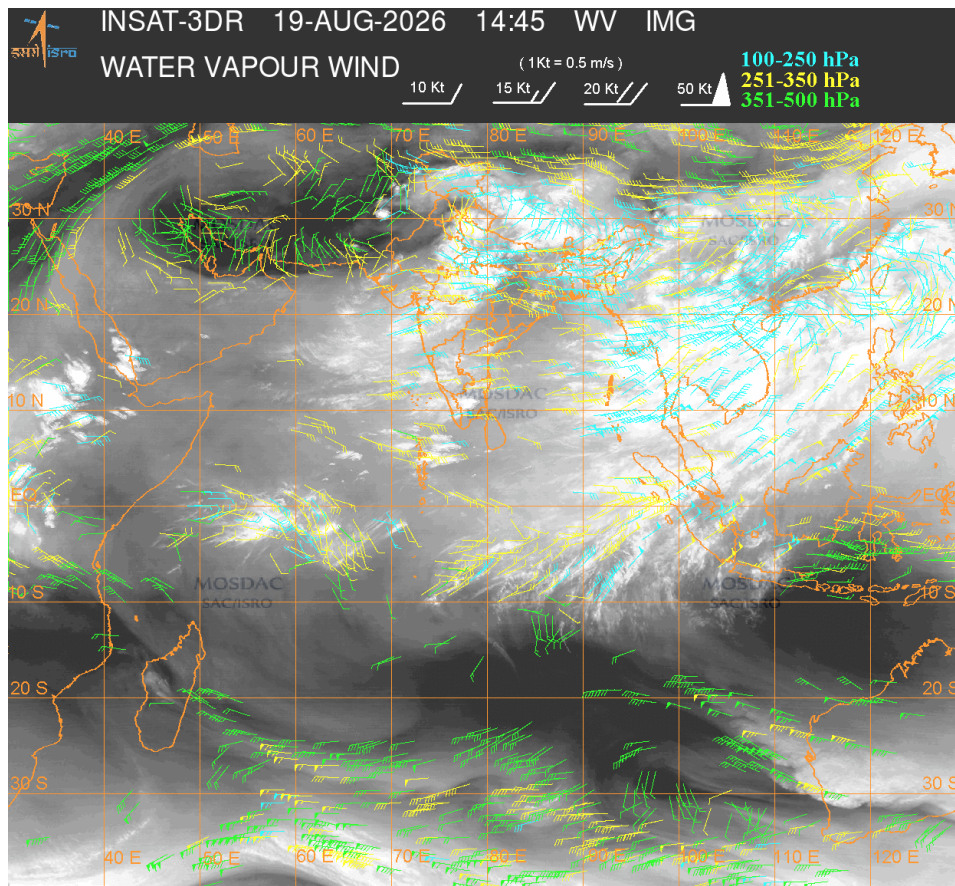
WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP UTRKND PJB HARY DLH NW UP AND N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER UTRKND UP MP TN (MINIMUM CTT MINUS 60-80 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER SHWB SKM NORTH-EAST STATES NE RAJ MAHA KRNTK TLNGN RYLSM COTL AP KER TN LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 40-60 DEGREE CELSIUS) (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SHWB SKM NORTH-EAST STATES & BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER BHR JHRKND CHTGH ORS GWB (.)

WEST:

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

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TN (.) SCT LOW/MED

**CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK TLNGN RYLSM COTL AP KER TN LKSDP
ILS AREA ANDAMAN & NICOBAR ILS AREA (.)**

ARABIAN SEA:

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA LKSDP ILS AREA
MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN
OVER REST ARSEA & GULF OF CAMBAY (.)**

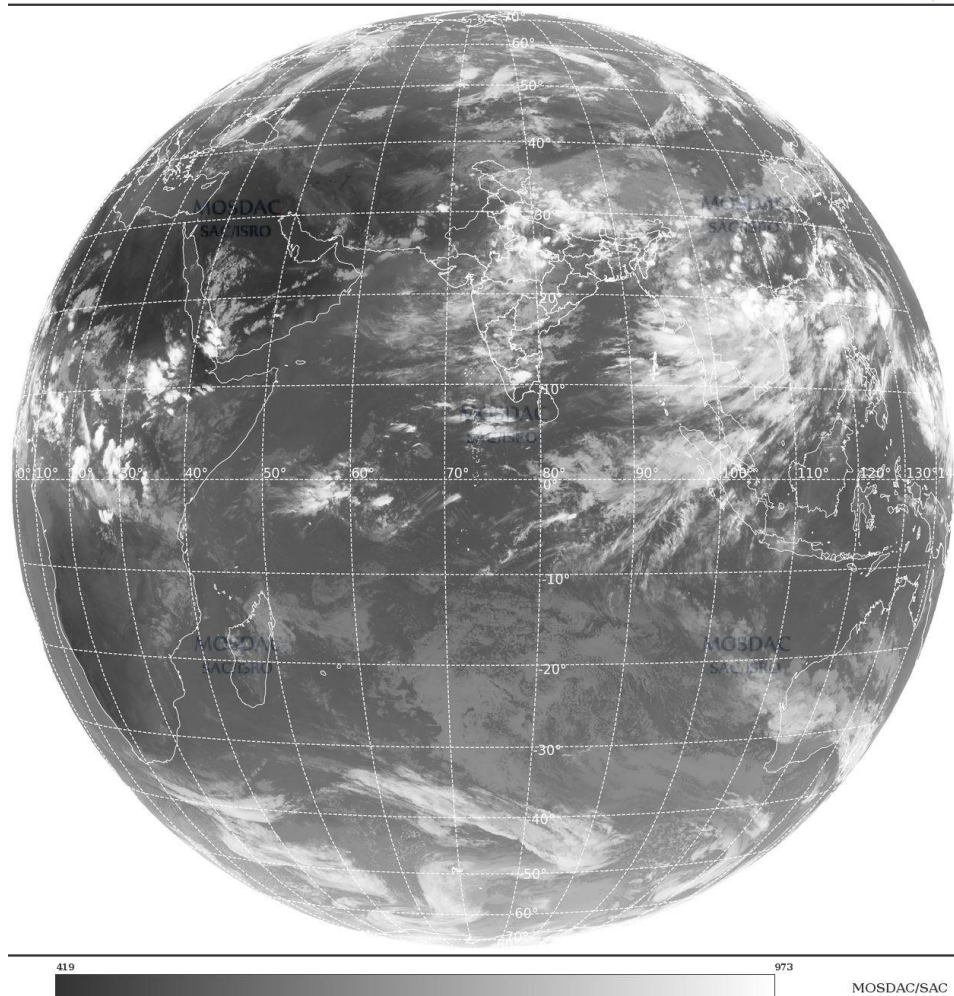
BAY OF BENGAL & ANDAMAN SEA:

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EAST BAY ANDAMAN
SEA ARAKAN COAST GULF OF MARTABAN & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH
EMBDD ISOL WK TO MOD CONVTN OVER WEST ARSEA (.)**

CLOUD DESCRIPTION OUTSIDE INDIA:

SAT : INSAT-3DR IMG
Thermal Infrared1 Count 10.8 um
LIB FULL DISK

19-08-2026/(1445 to 1512) GMT
19-08-2026/(2015 to 2042) IST



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES AREA PAK NEPAL
BHUTAN TIBET CHINA YELLOW SEA 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 10.0S LONG 50.0E TO 100.0E (.)**

T00 19/2140 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