

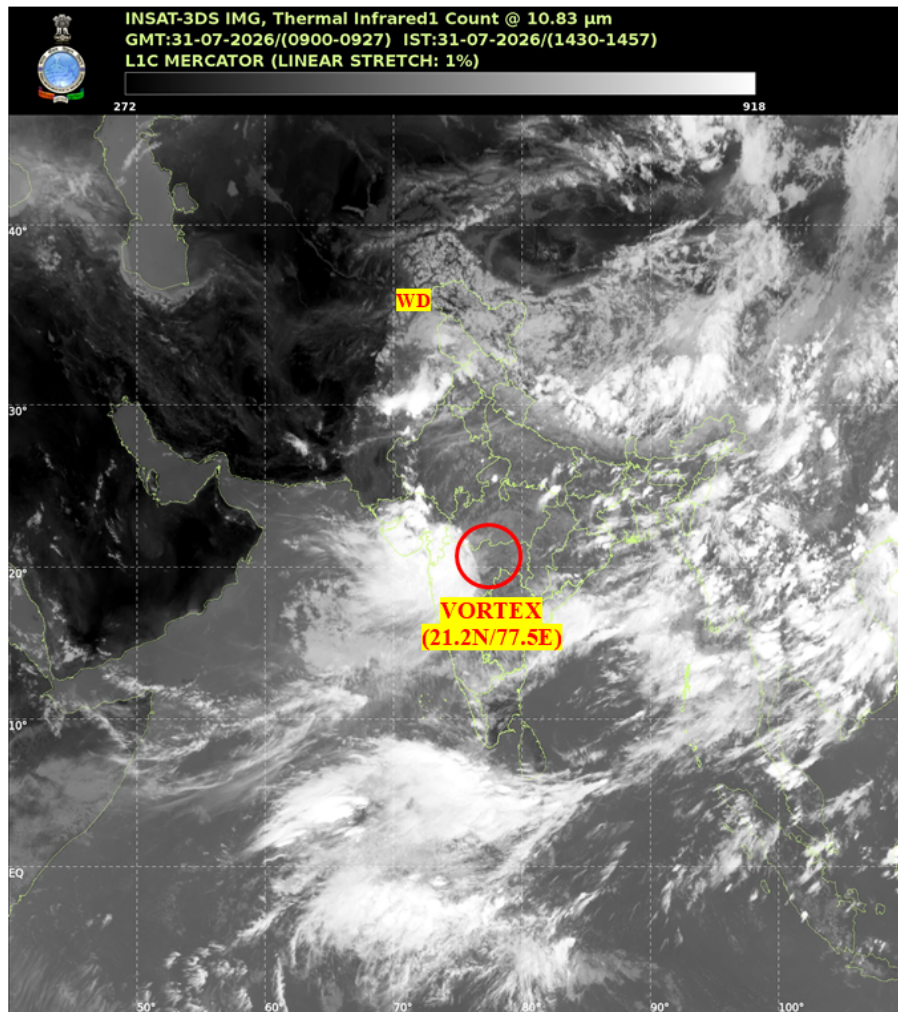


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-07-31 Time: 09:00:00 UTC



TCIN50 DEMS 310900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 310900 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 VIDARBHA AND N/HOOD:-

VORTEX OVER VIDARBHA AND N/HOOD CENTERED WITHIN HALF A DEGREE OF 21.2N/77.5E (.)
OVERLAND (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER
SW MP W VID MRTHWD MADHYA MAHA KKN GUJ NIK (MINIMUM CTT MINUS 70-90 DEG CELSIUS)
(.)

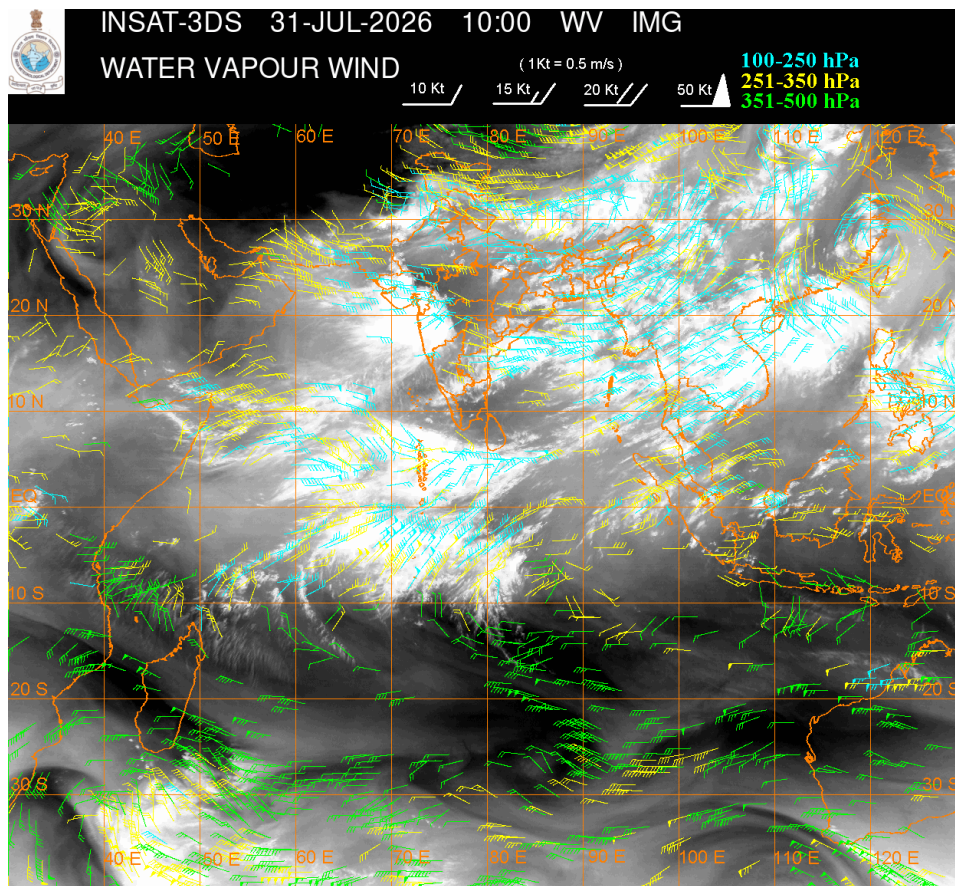
WESTERN DISTURBANCE (WD):-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER GUJ W MP MAHA NIK SIK E UP BHR (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER LADAKH J&K HP UTRKND W PJB ORS GWB SHWB SKM REST NE STATES GOA COTL KRNTK RYLSM COTL AP KER N TN LKSDP ILS ANDAMAN & NICOBAR ILS AREA LKSDP ILS AREA (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ORS GWB SHWB BHR NE STATES (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N JHRKND CHTGH SKM (.) SCT LOW/MED CLOUDS OVER CHTGH S JHRKND (.)

WEST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GUJ MRTHWD MADHYA MAHA KKN W MP (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GOA E MP (.) SCT LOW/MED CLOUDS OVER RAJ VID (.)

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NIK SIK N COTL AP (.)

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

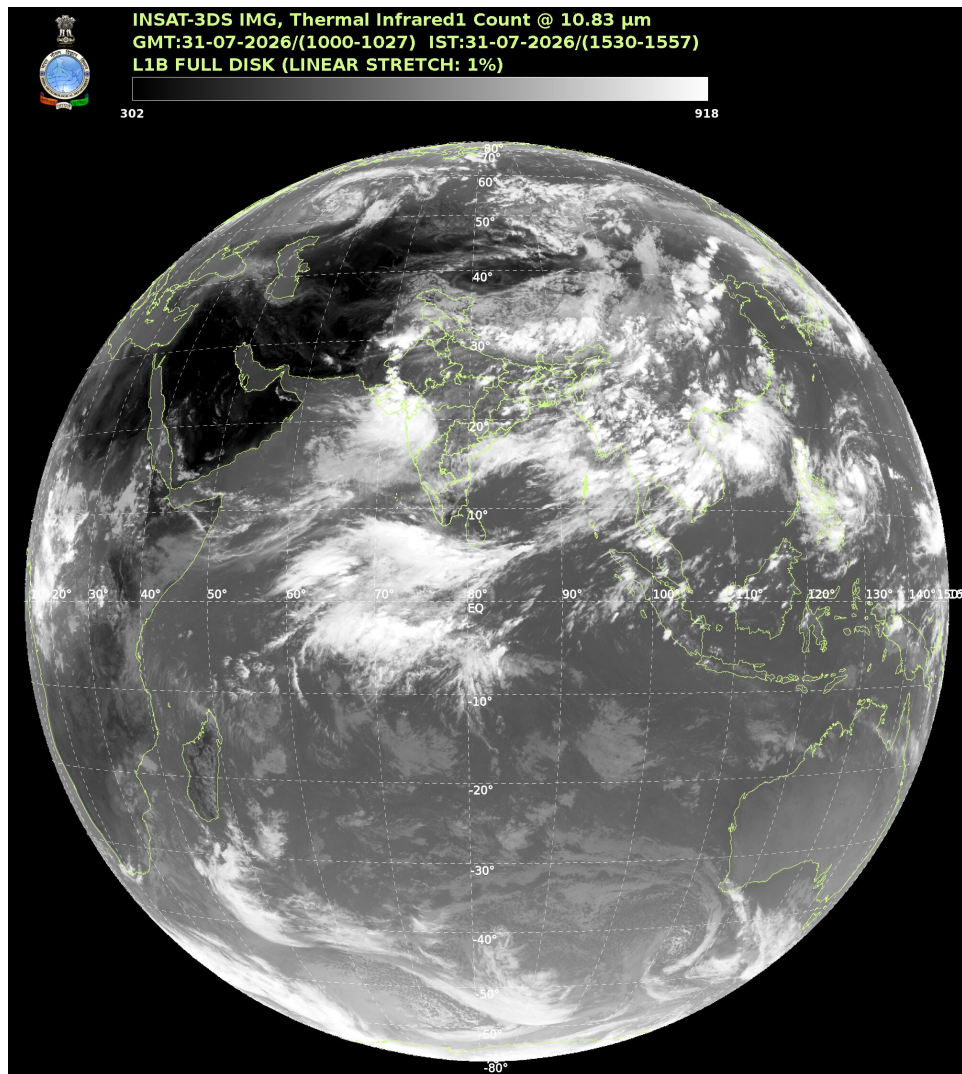
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EAST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC EC ADJ SE BAY
ANDAMAN SEA ARAKAN COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT
CONVTN OVER NORTH BAY GULF OF MARTABAN & TENASSERIM COAST (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER 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 CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN
BET LAT 5.0N TO 08.0S LONG 50.0E TO 82.0E (.)

T00 31/1610 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