

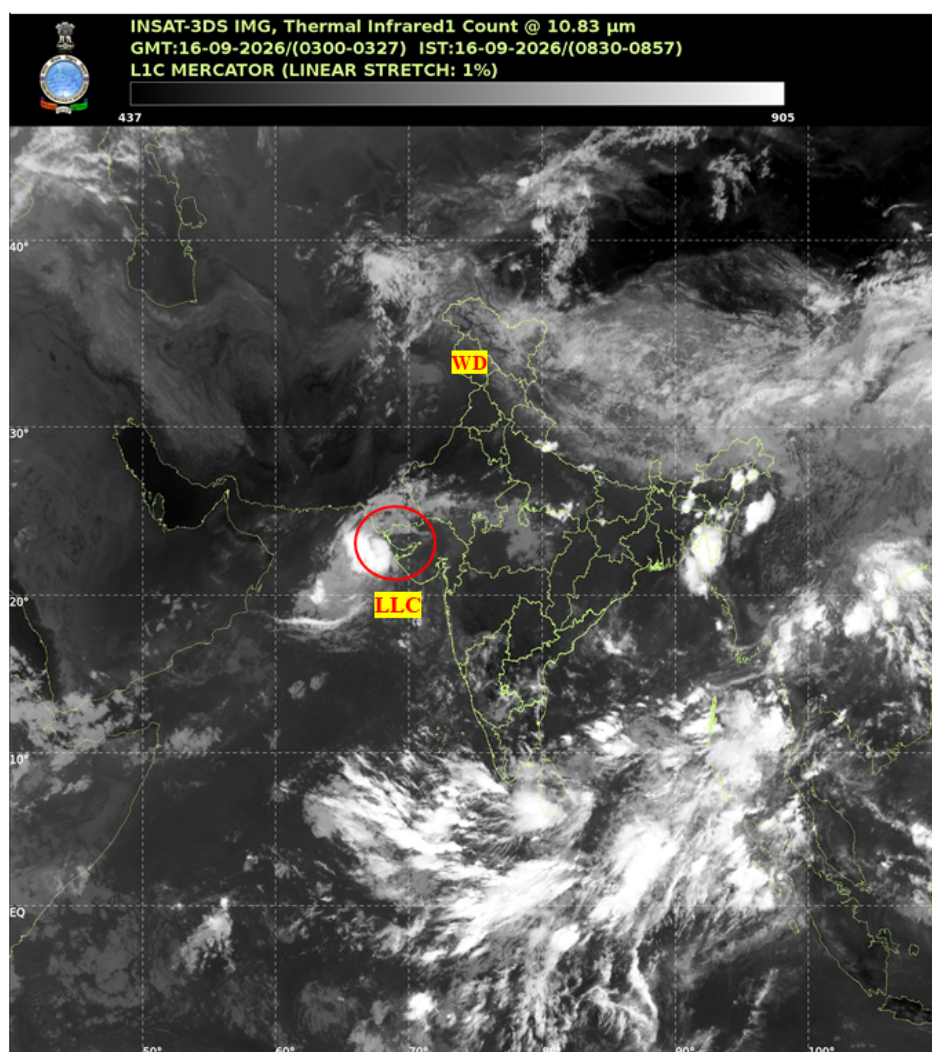


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-09-16 Time: 03:00:00 UTC



TCIN50 DEMS 160300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 160300 UTC (.)

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

SALIENT FEATURES:

LLC OVER NORTH EAST ARABIAN SEA ADJ GUJARAT COAST AND N/HOOD:-:-

LOW LEVEL CIRCULATION (LLC) OVER NORTH EAST ARSEA ADJ GUJARAT COAST AND N/HOOD (.)
ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF
GUJ COAST (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) AND MOD TO INT CONVTN OVER
KUTCH GULF OF KUTCH SE PAK (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)

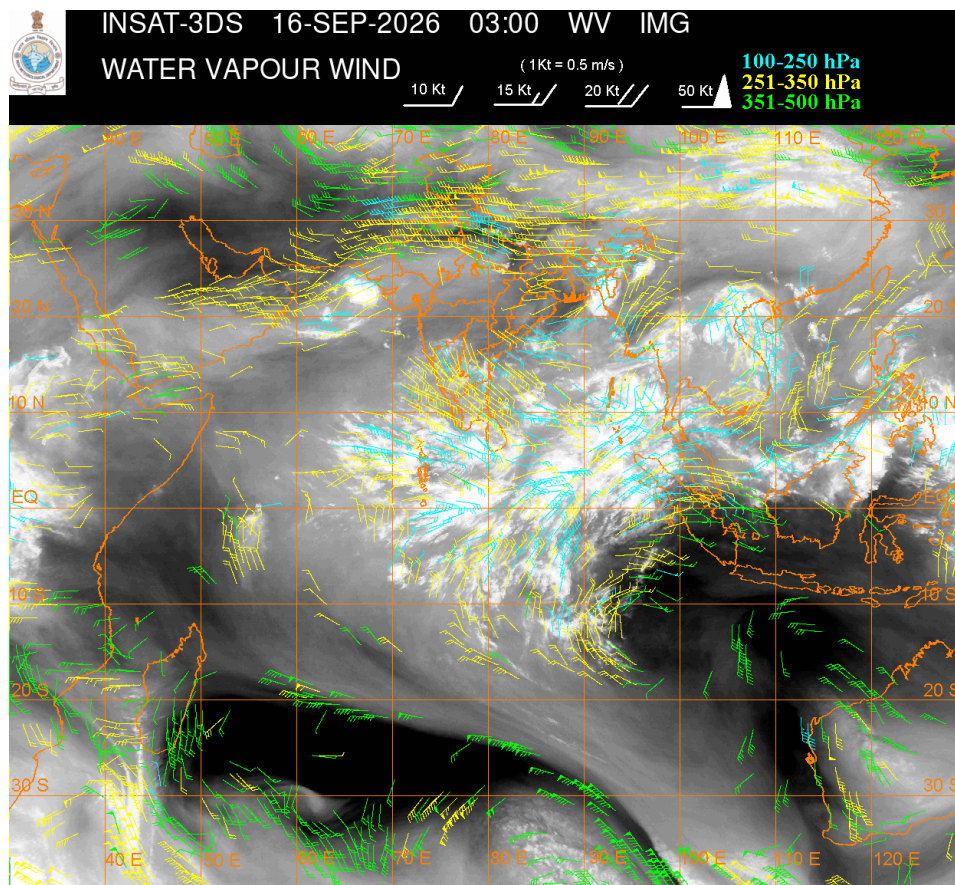
WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP PJB UTRKND NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER J&K N BHR ASSAM W GUJ ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER E UP W RAJ E GUJ ARUPR NAGA SIK TN KER LKSDP ILS AREA (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N BHR ASSAM (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ARUPR NAGA AND ISOL WK TO MOD CONVTN OVER JHRKND CHTGH BHR GWB SHWB ORS (.)

WEST:

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

SOUTH:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN &

NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SIK KER
TN LKSDP ILS AREA AND WK TO MOD CONVTN OVER RYLSM COTL AP (.) SCT LOW/MED CLOUDS
OVER TLNGN (.)

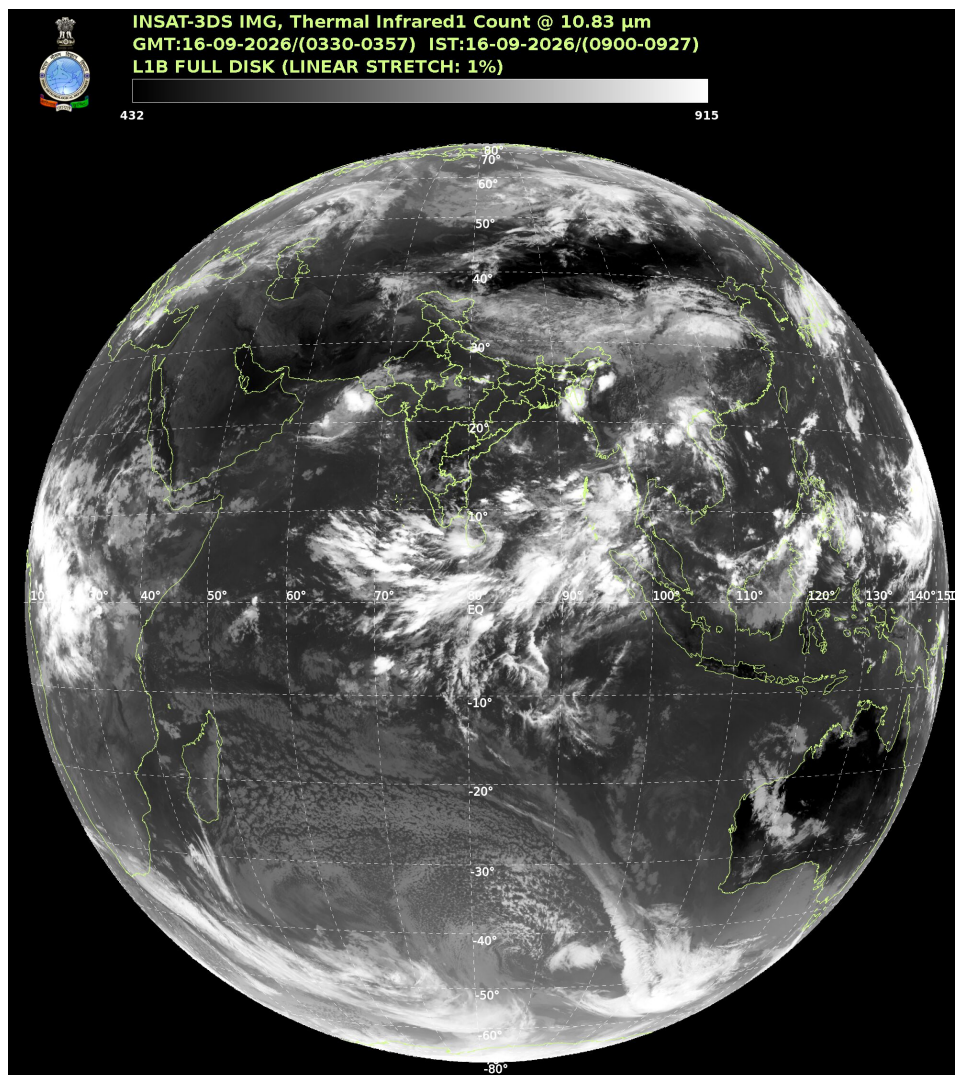
ARABIAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF GUJ
COAST & SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH
EMBDD MOD TO INT CONVTN OVER GULF OF KUTCH REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE BAY SOUTH
BAY ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH
EMBDD MOD TO INT CONVTN OVER REST BAY ARAKAN COAST ANDAMAN SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF
MANNAR PAK NEPAL BHUTAN TIBET CHINA EAST CHINA SEA 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 20.0S LONG 50.0E TO 100.0E (.)

T00 16/0930 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