

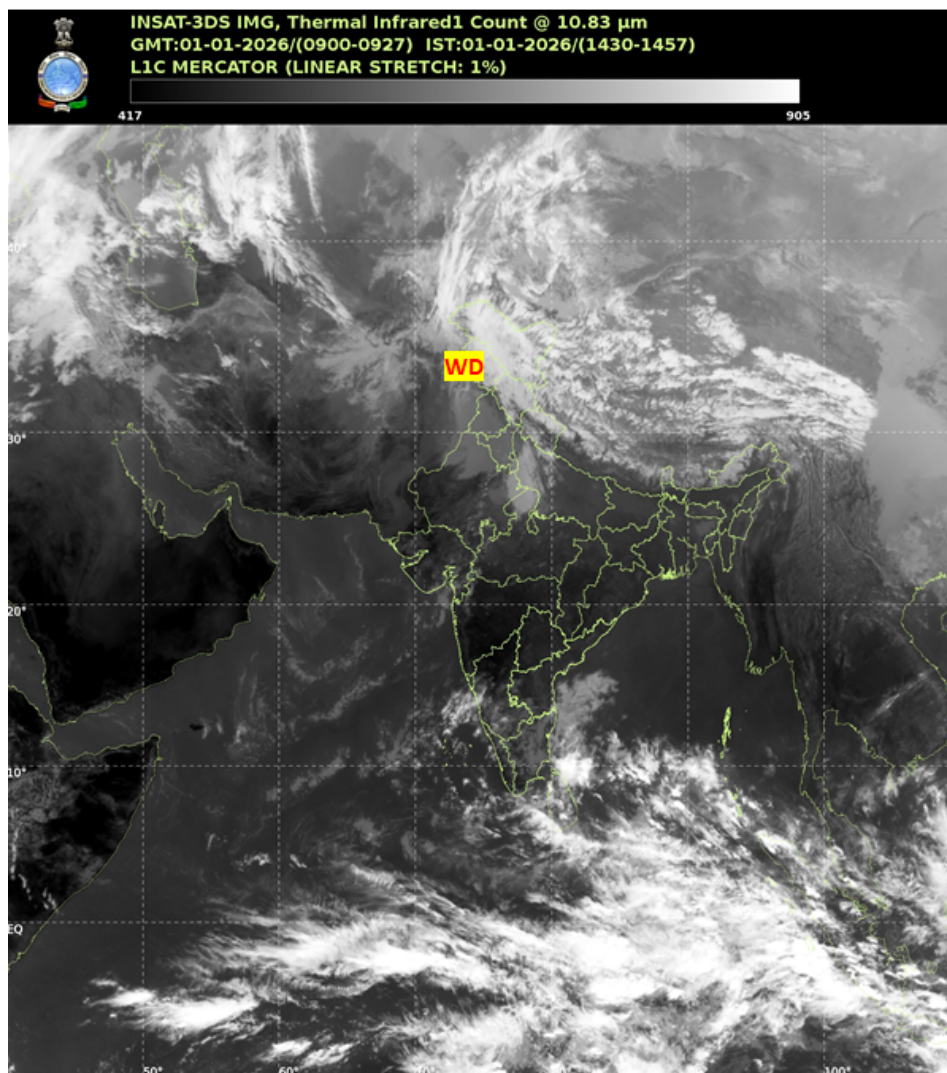


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-01-01 Time: 09:00:00 UTC



TCIN50 DEMS 010900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 010900 UTC (.)

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

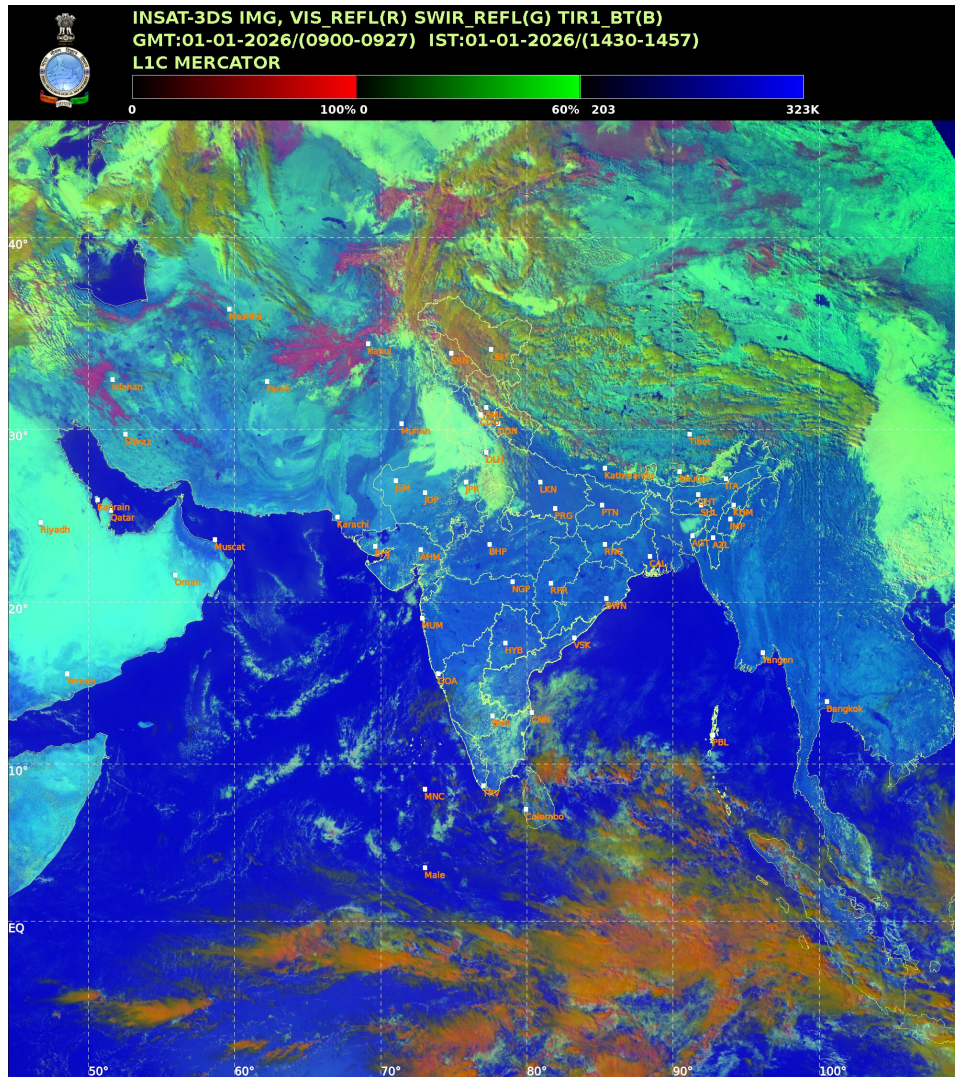
SALIENT FEATURES:

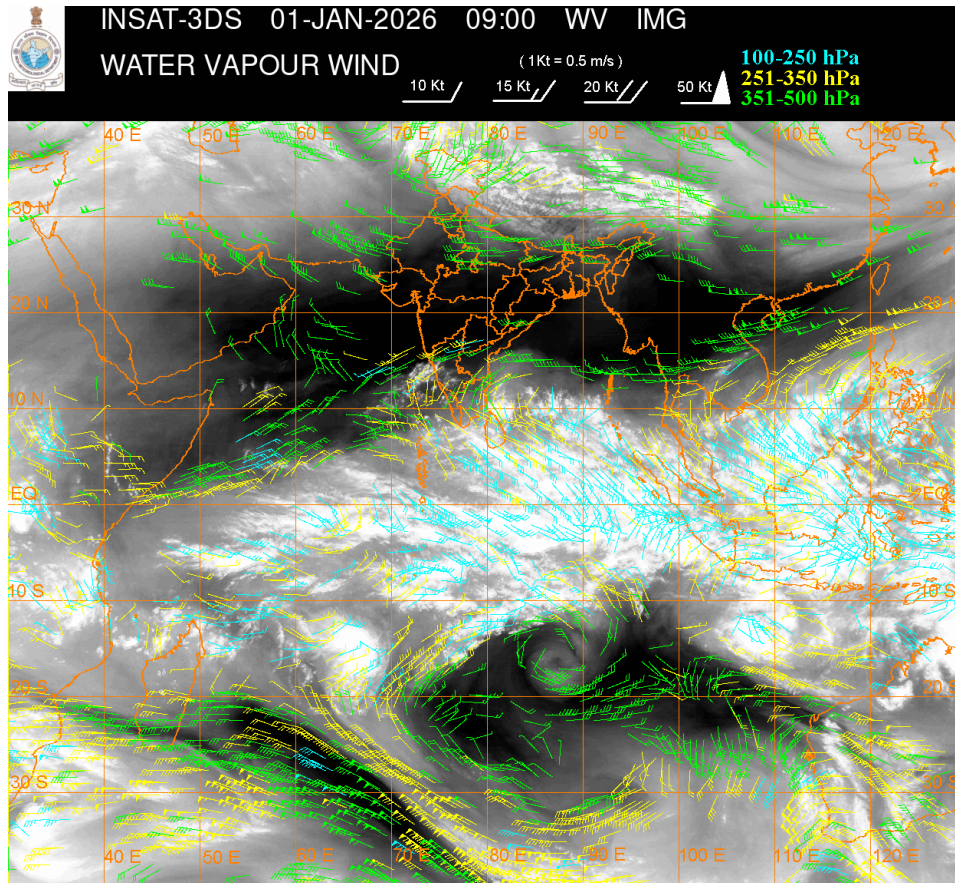
WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP UTRKND PJB HARY DLH N RAJ NW MP W UP TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

FOG / LOW CLOUDS:-

SCT TO BKN FOG / LOW CLOUDS OVER EC PAK PJB HARY DLH N RAJ W UP NW MP E BD ADJ TRP (.)





CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR (.) ISOL TO SCT
LOW/MED CLOUDS OVER BHR JHRKND CHTGH ORS SHWB REST NE STATES (.)

WEST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER E RAJ NW MP (.) SCT LOW/MED
CLOUDS OVER NW RAJ REST MP GUJ MAHA GOA (.)

SOUTH:

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

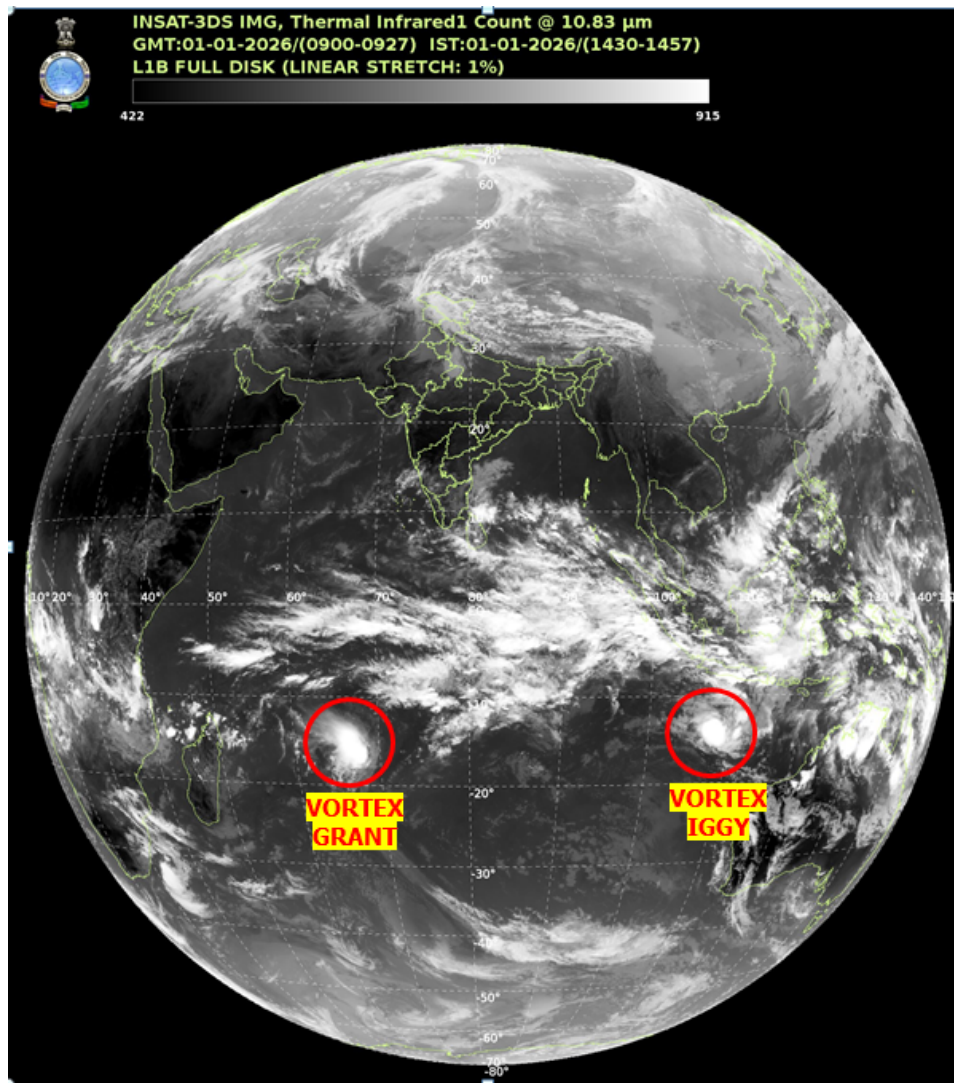
ARABIAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA OFF KRNTK COAST SE
ARSEA LKSDP ILS AREA MALDIVES AND COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD
ISOL WK CONVTN OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH BAY & SOUTH
ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC BAY (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (GRANT) OVER SOUTH INDIAN OCEAN:-

**VORTEX (GRANT) OVER SOUTH INDIAN OCEAN (AREA D60 ADJ D40) CENTERED NEAR 15.8S/ 68.5E
 (.) INTENSITY T4.0/5.0 (.) MAXIMUM SUSTAINED WINDS 90-119 KTS (.) ASSTD SCT TO BKN
 LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 12.0S TO 20.0S AND
 LONG 63.0E TO 69.0E (.)**

ANOTHER VORTEX (IGGY) OVER SOUTH INDIAN OCEAN:-

**ANOTHER VORTEX (IGGY) OVER SOUTH INDIAN OCEAN (AREA G30) CENTERED NEAR 13.5S/ 108.3E
 (.) INTENSITY T2.5/2.5 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN
 LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 9.0S TO 16.0S AND
 LONG 104.0E TO 112.0E (.)**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR
 MALDIVES NORTH PAK NORTH NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA
 SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS &
 SEA PHILIPPINES SULU SEA NORTH MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN
 OCEAN BET LAT 5.0N TO 20.0S LONG 40.0E TO 120.0E (.)**

T00 01/1530 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