

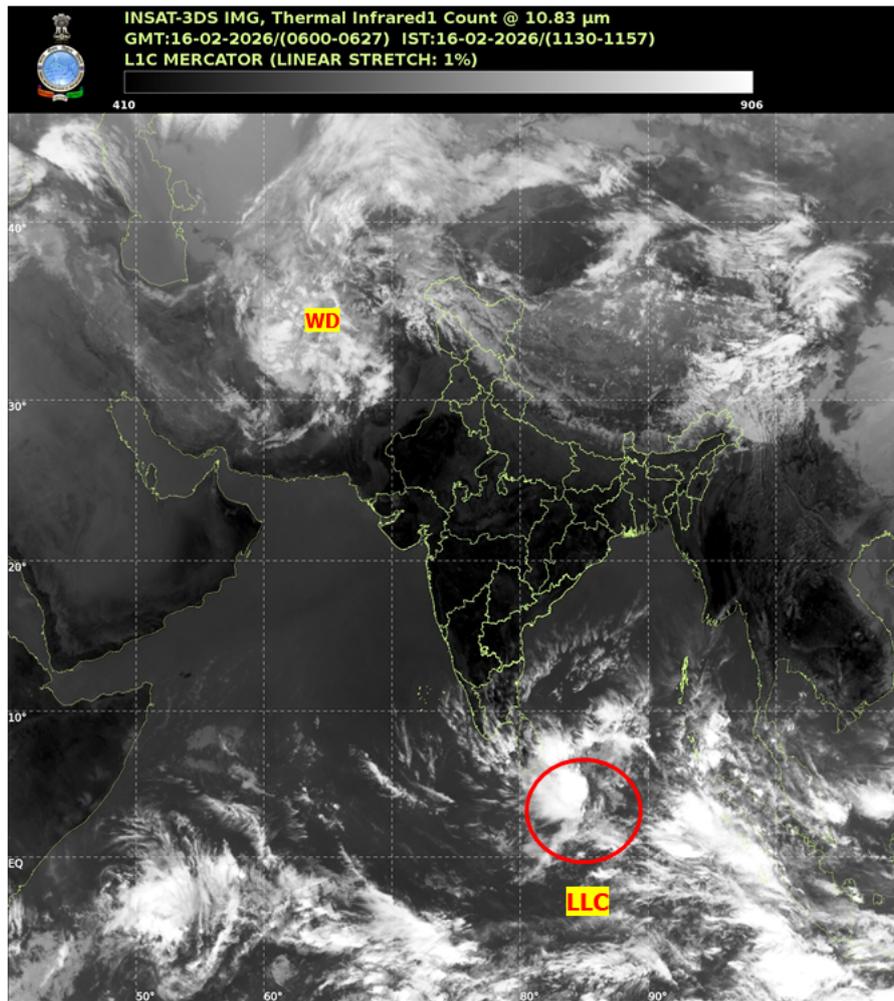


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-02-16 Time: 06:00:00 UTC



TCIN50 DEMS 160600

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 160600 UTC (.)

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

SALIENT FEATURES:

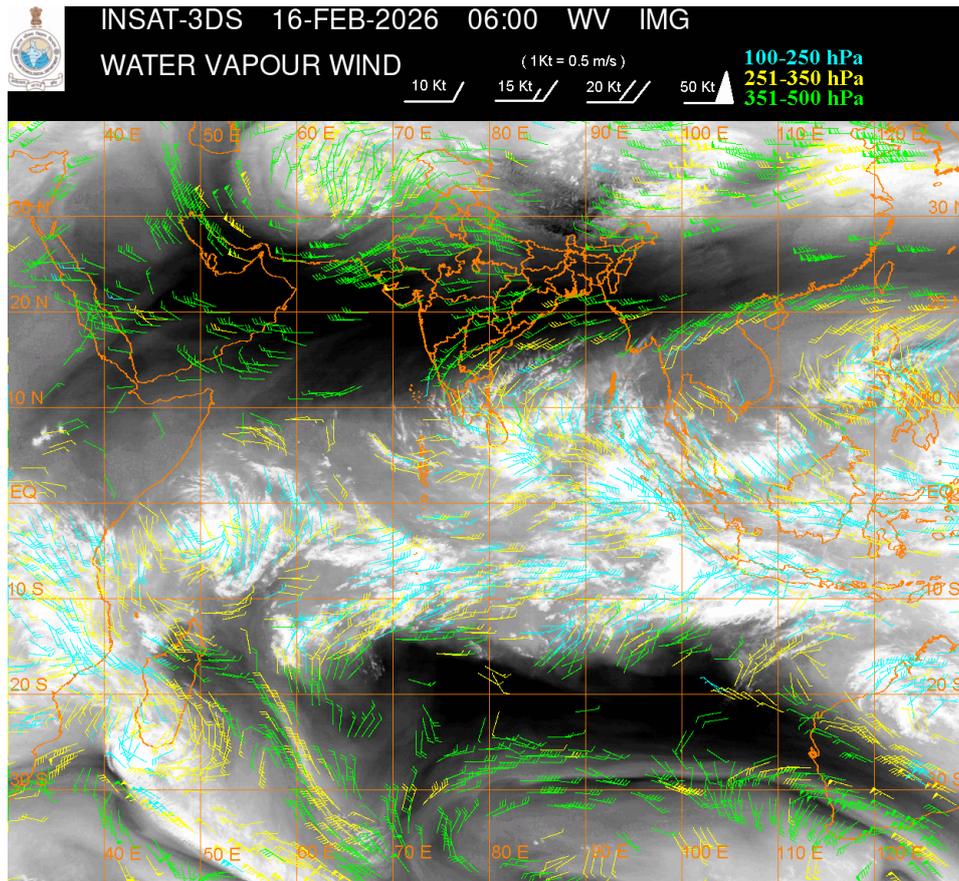
WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER SOUTH CASPIAN SEA IRAN ADJ AFGAN AND N/HOOD
IN ASSW WD OVER THE AREA (.)

**LOW LEVEL CIRCULATION (LLC) OVER EQUATORIAL INDIAN OCEAN ADJOININ CENTRAL PARTS
OF SOUTH BAY-**

LOW LEVEL CIRCULATION (LLC) OVER EQUATORIAL INDIAN OCEAN ADJ CENTRAL PARTS OF

SOUTH BAY (.) IN ASSTD WITH SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION (CTT MINUS 90 DEG CEL) OVER SOUTH BAY SRI LANKA AND MOD TO INT CONVTN OVER COTL TN (.)



CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K (.) ISOL TO SCT LOW/MED CLOUDS OVER HP N UTRKND (.)

EAST:

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER REST NE STATES (.)

WEST:

NO SIGNIFICANT CLOUDS OVER THE REGION (.)

SOUTH:

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

ARABIAN SEA:

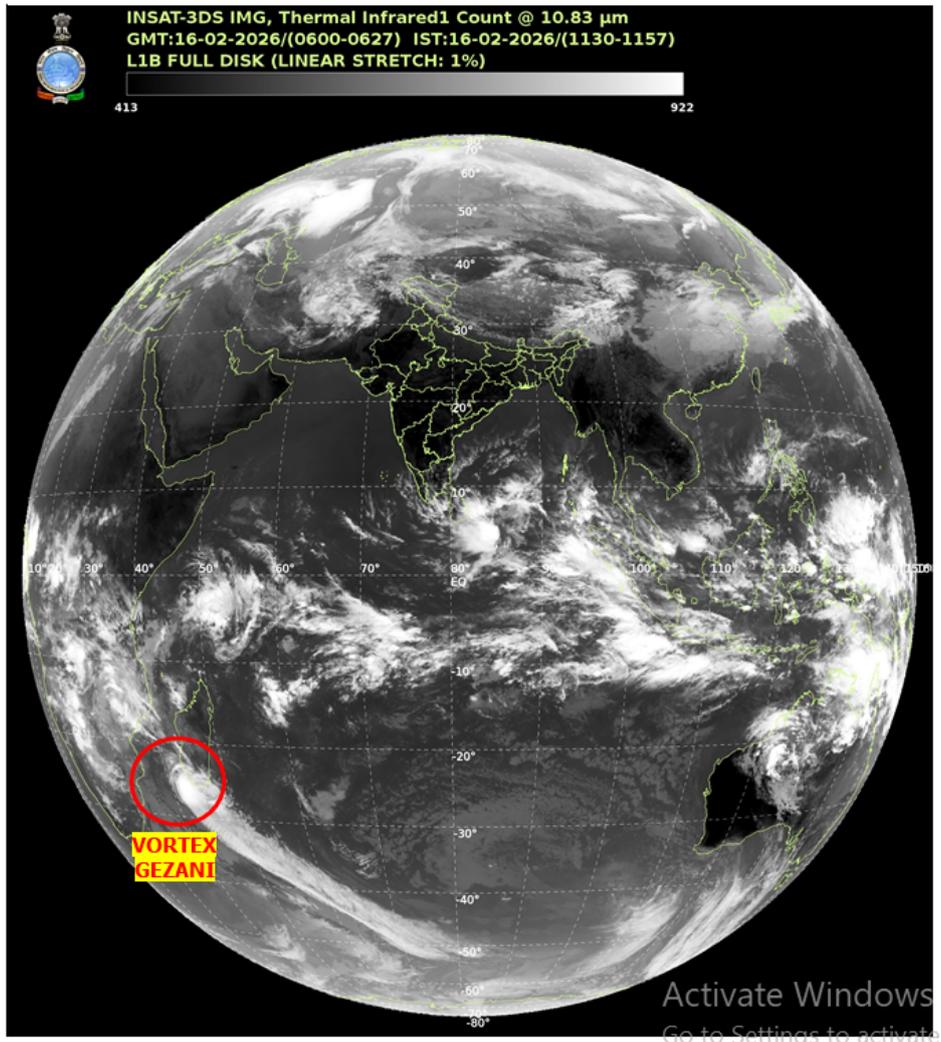
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA MALDIVES & COMORIN AREA AND ISOL WK TO MOD CONVTN OVER LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ANDAMAN SEA (.) SCT LOW/MED CLOUDS OVER CENTRAL BAY & NORTH ANDAMAN

SEA (.)

CLOUD DESCRIPTION OUTSIDE INDIA:



VORTEX (GEZANI) OVER SOUTH MOZAMBIQUE CHANNEL :-

VORTEX (GEZANI) OVER SOUTH MOZAMBIQUE CHANNEL (AREA D75) CENTERED NEAR 25.0S / 41.8E (.) INTENSITY T4.0/4.5 (.) MAXIMUM SUSTAINED WINDS 64-89 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 22.0S TO 32.0S LONG 36.0E TO 44.0E & SOUTH MOZAMBIQUE CHANNEL (.)

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

T00 16/1240 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