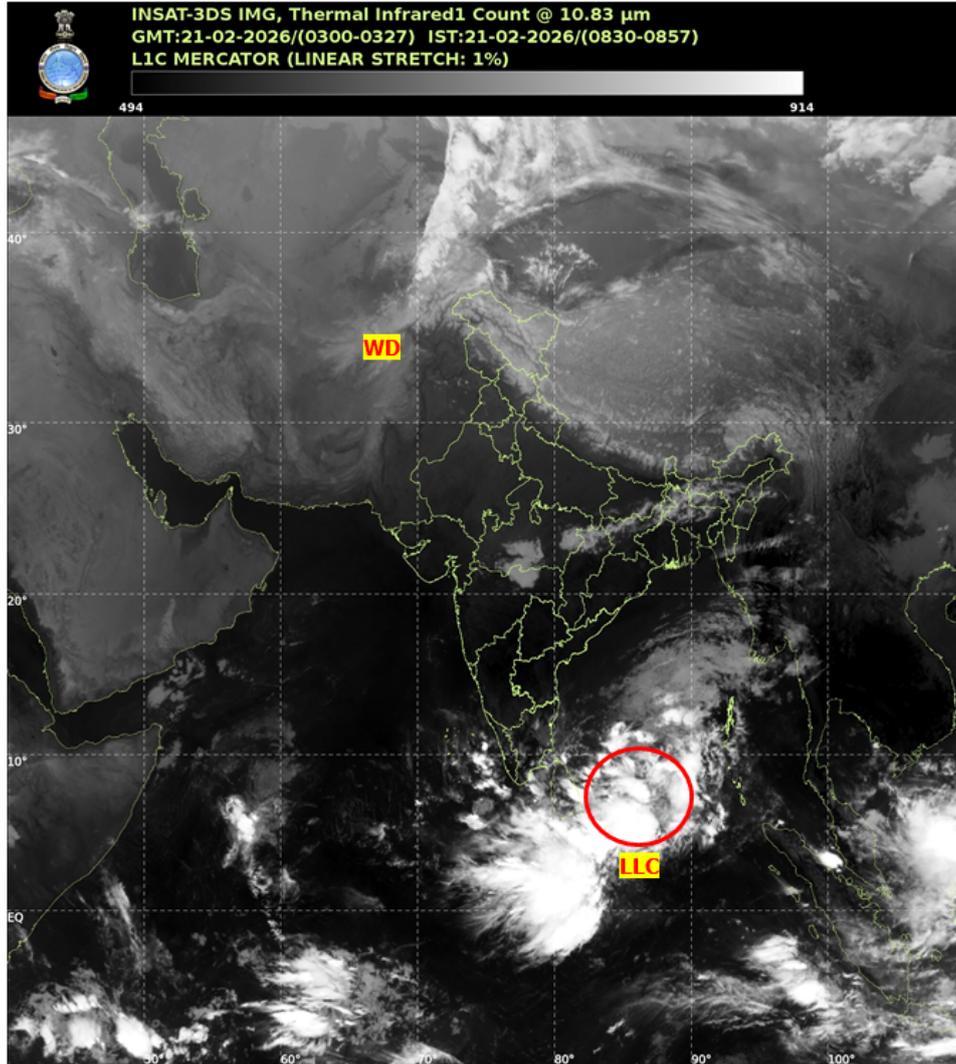भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
**India Meteorological Department
Ministry of Earth Sciences**

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

Date: 2026-02-21 Time: 03:00:00 UTC

TCIN50 DEMS 210300
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 210300 UTC (.)
REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:

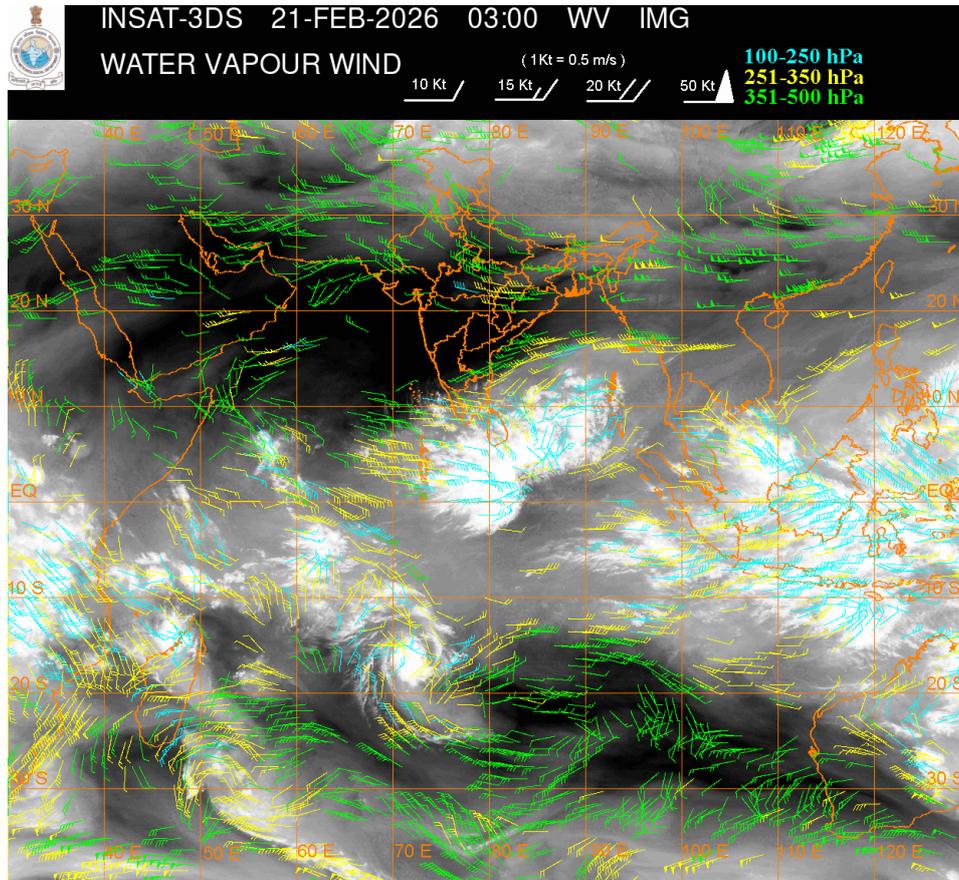**LLC OVER CENTRAL PARTS OF SOUTH BAY & N/HOOD:-**

LOW LEVEL CIRCULATION (LLC) OVER CENTRAL PARTS OF SOUTH BAY & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SOUTH BAY ADJOINING EQUATORIAL INDIAN OCEAN (.) MINIMUM CTT MINUS 70-90 DEG CEL (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EAST AFGAN NORTH PAK AND N/HOOD IN ASSW WD OVER THE AREA (.)

FOG / LOW CLOUDS:-

ISOL TO SCT FOG/LOW CLOUDS OVER N PJB W HARY NW UP (.)

CLOUD DESCRIPTION WITHIN INDIA:

NORTH:

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

EAST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S BHR N CHTGH N JHRKND SHWB SKM NE STATES & BD (.) ISOL LOW/MED CLOUDS OVER N BHR S CHTGH (.)

WEST:

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER MP NW VID (.) ISOL LOW/MED CLOUDS OVER N MP NORTH MADHYA MAHA (.)

SOUTH:

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER TN LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (.) ISOL TO SCT LOW/MED CLOUDS OVER COTL AP KER (.)
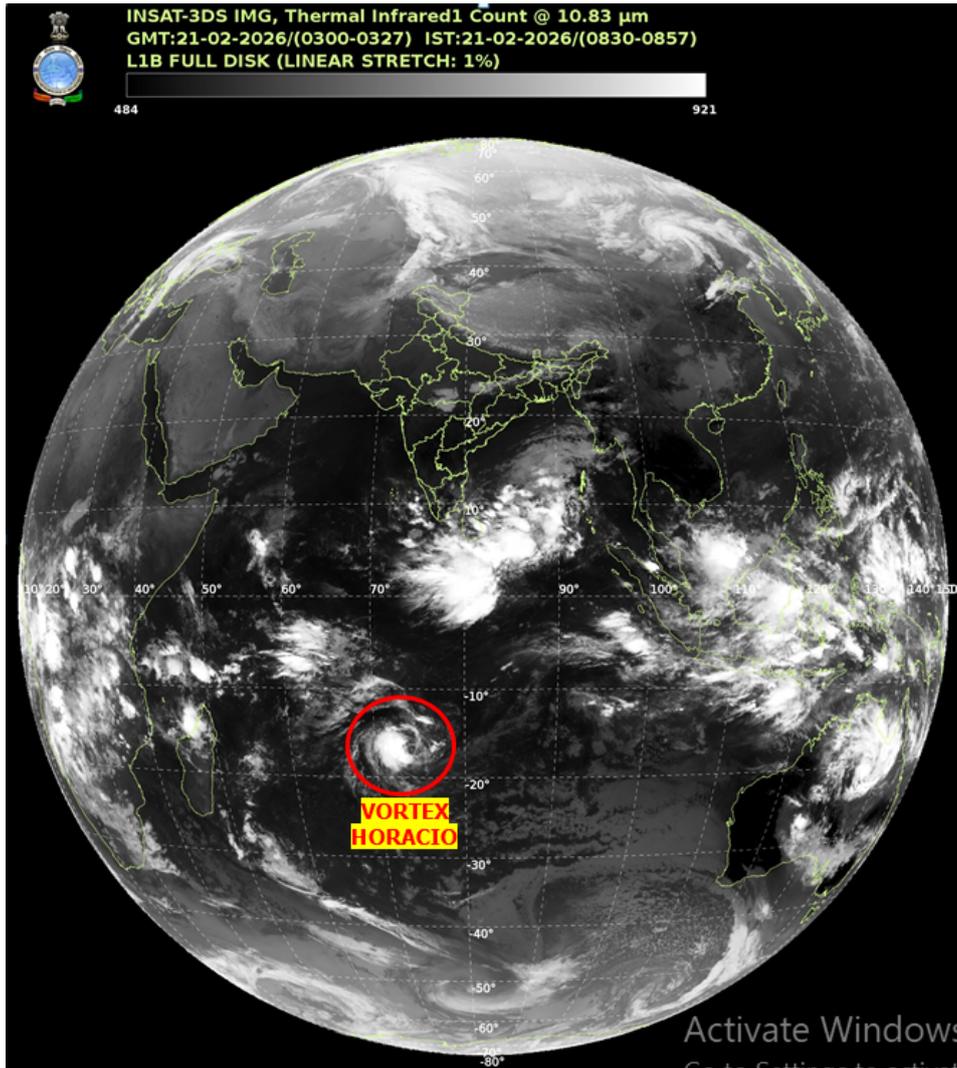
ARABIAN SEA:

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

BAY OF BENGAL & ANDAMAN SEA:

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NE BAY CENTRAL BAY AND

ANDAMAN SEA (.)

VORTEX (HORACIO) OVER SOUTH INDIAN OCEAN :-

VORTEX (HORACIO) OVER SOUTH INDIAN OCEAN (AREA E80) CENTERED NEAR 16.1S / 73.8E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 13.0S TO 20.0S LONG 70.0E TO 75.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES AREA TIBET CHINA MYANMAR GULF OF THAILAND 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 AND BET LAT 20.0S TO 35.0S LONG 50.0E TO 80.0E (.)

T00 21/0910 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 –25ºC)
MOD CONVTN	MODERATE CONVECTION (CTT BETWEEN -25ºC TO -40ºC)
INT CONVTN	INTENSE CONVECTION (CTT BETWEEN -41ºC TO -70ºC)
V INT CONVTN	VERY INTENSE CONVECTION (CTT LESS THAN -70ºC)
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