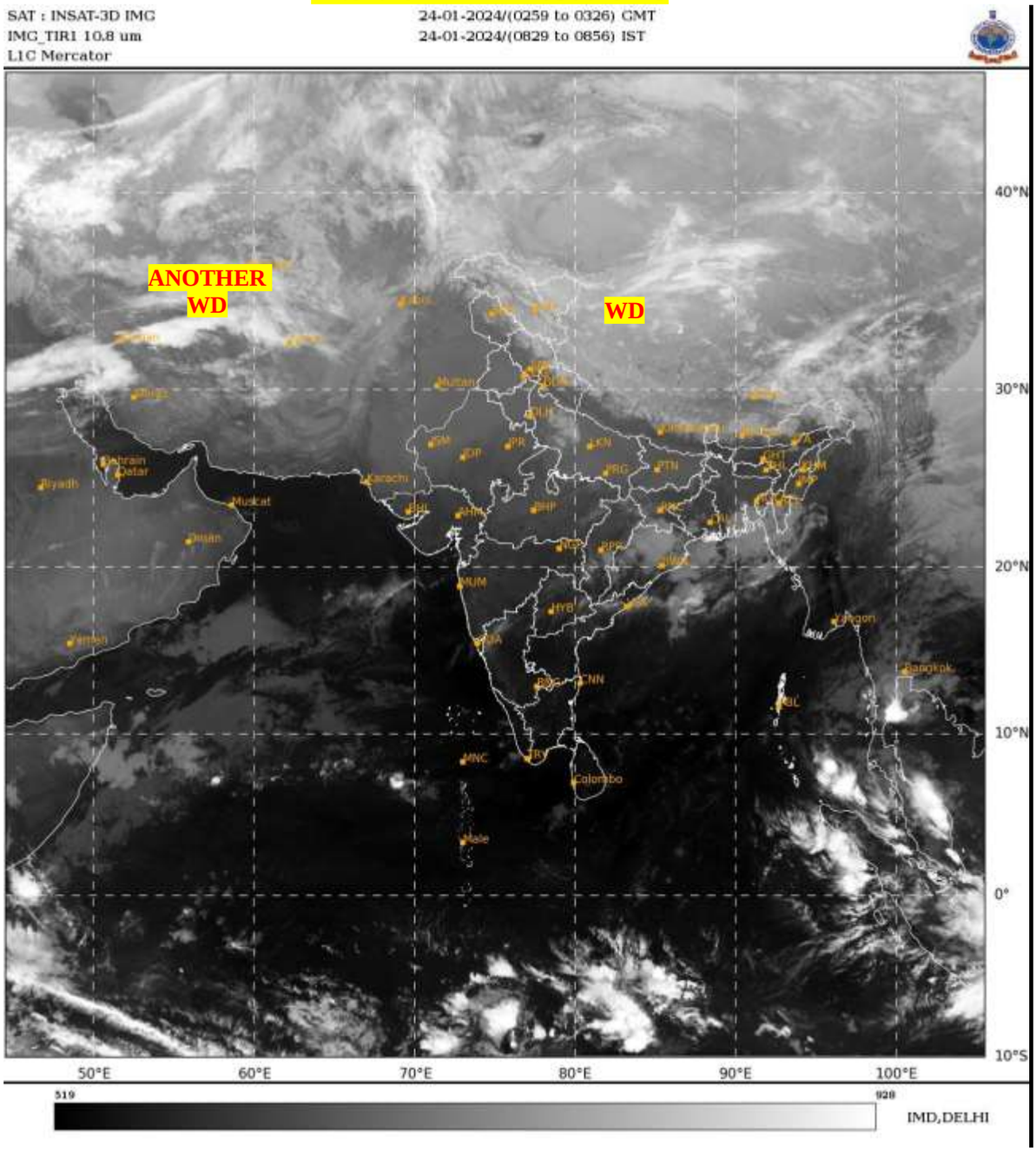
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

24.01.2024 TIME 0300 UTC



TCIN50 DEMS 240300
SATELLITE BULLETIN BASED ON INSAT- 3D PIC OF 240300 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

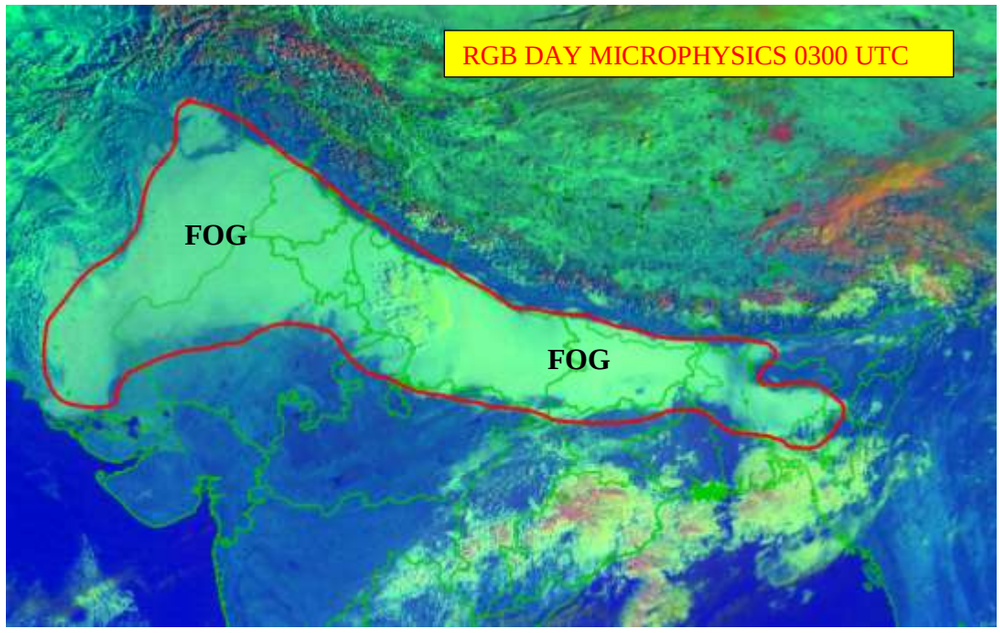
WESTERN DISTURBANCE:-

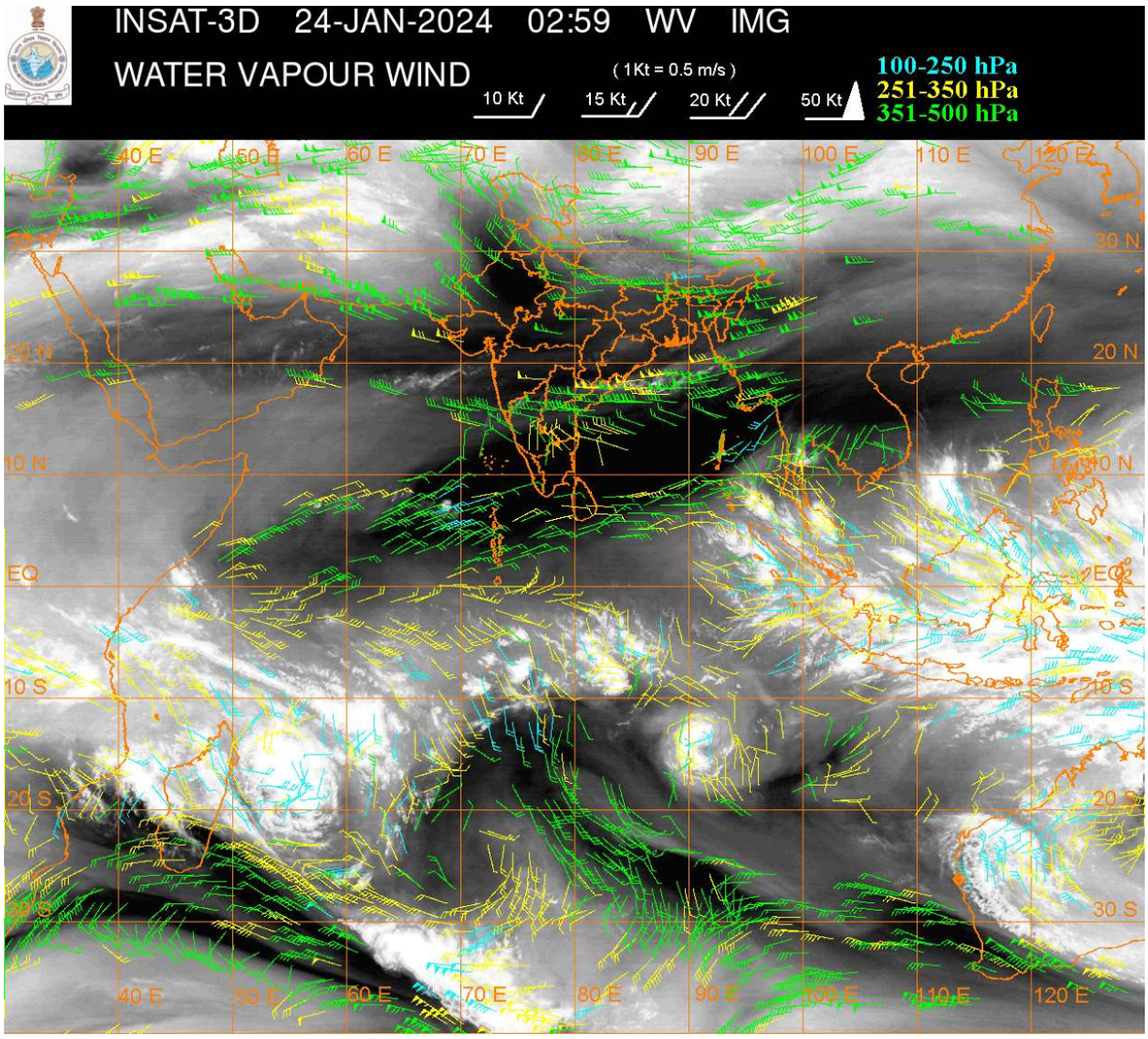
SCT MULTILAYERED CLOUDS OVER LADAKH N HP N UTRKND TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER IRAN ADJ AFGAN & N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

FOG / LOW CLOUDS:-

RGB DAY MICROPHYSICS IMAGERY OF INSAT-3D/R (RAPID) AT 0300 UTC SHOWS BKN FOG / LOW CLOUDS OVER EAST PAK PJB HARY DLH N RAJ UP ADJ N MP S UTRKND BHR ADJ JHRKND SHWB WEST & S ASSAM TRP N BD AND ISOL OVER W MEGHA MANI MIZO (.)





CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS OVER E MP E VID (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER N COTL AP (.) SCT LOW/MED CLOUDS OVER S COTL AP TLNGN KRNTK N KER ANDAMAN & NICOBAR ILS (.)

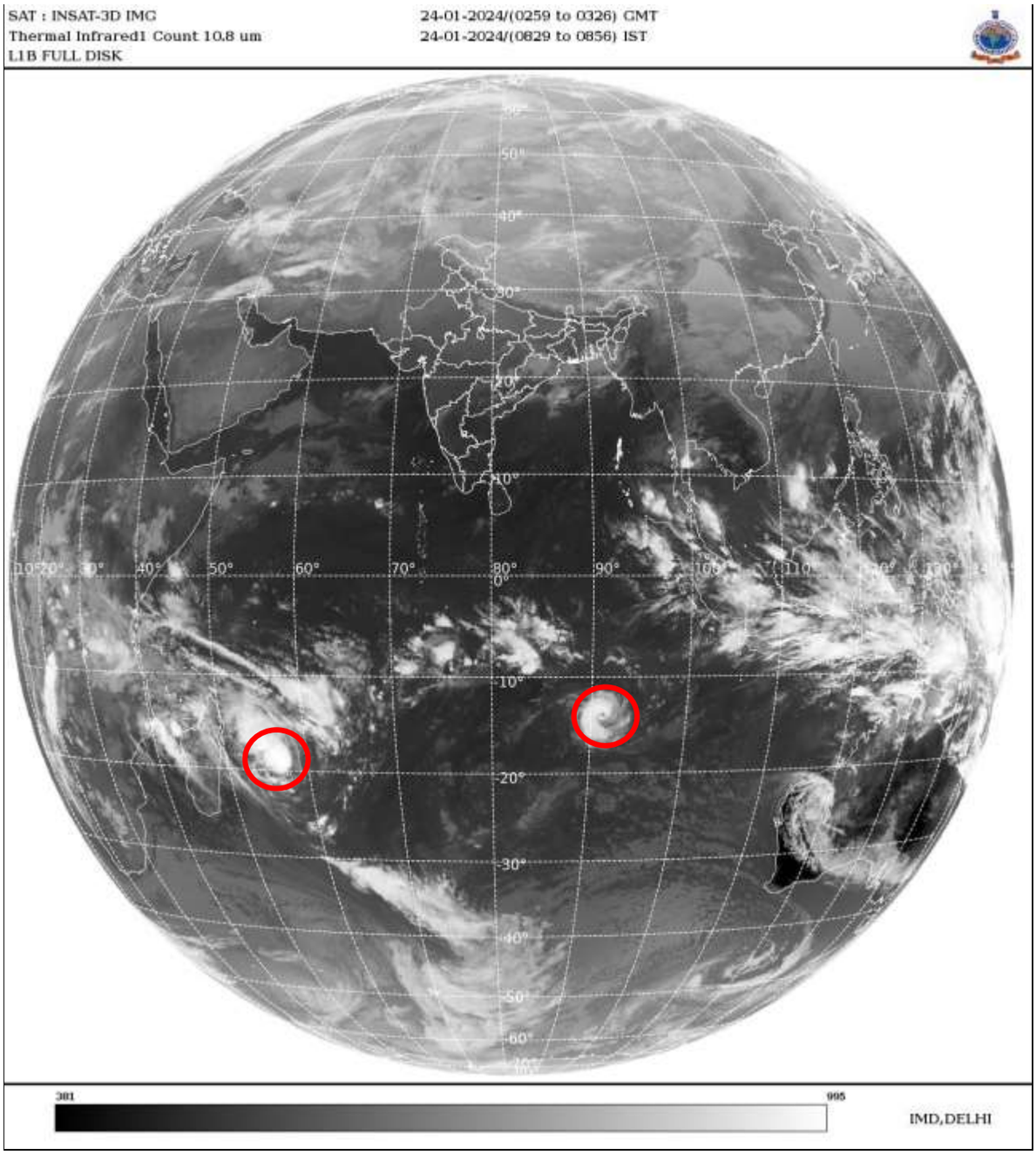
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER NORTH ADJ CENTRAL BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (ANGGREK) OVER SOUTH INDIAN OCEAN:-

VORTEX (ANGGREK) OVER SOUTH INDIAN OCEAN (AREA H05) CENTERED NEAR 13.8S / 91.3E (.) INTENSITY T3.5/3.5 (.) MAXIMUM SUSTAINED WINDS OF 48-63 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER AREA BET LAT 12.0S TO 16.0S LONG 89.0E TO 93.0E (.)

ANOTHER VORTEX OVER SOUTH INDIAN OCEAN (AREA D55) CENTERED NEAR 19.5S / 57.5E (.) INTENSITY T1.5/1.5 (.) MAXIMUM SUSTAINED WINDS OF 17-27 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 15.0S TO 20.0S LONG 54.0E TO 58.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA SOUTH THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH

CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 3.0S TO 22.0S LONG 40.0E TO 95.0E (.)

TOO 24/0950HRS IST=

NNNN

LEGEND:-

REGION	**NORTH**	**J&K HP PJB HARY DLH UP UTRKND**
	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 TERITORIES	**ARUPR**	**ARUNACHAL PRADESH**
	BHR	**BIHAR**
	CHTGH	**CHHATTISGARH**
	COTL AP	**COASTAL ANDHRA PRADESH**
	COTL KRNTK	**COASTAL KARNATAKA**
	COTL ORS	**COASTAL ORISSA**
	GUJ	**GUJARAT**
	GWB	**GANGETIC WEST BENGAL**
	HARY	**HARYANA**
	DLH	**DELHI**
	HP	**HIMACHAL PRADESH**
	J&K	**JAMMU AND KASHMIR**
	JHRKND	**JHARKHAND**
	KER	**KERALA**
	KKN	**KONKAN**
	LKSDP	**LAKSHADWEEP**
	M MAHA	**MADHYA MAHARASHTRA**
	MAHA	**MAHARASHTRA**
	MANI	**MANIPUR**
	MEGHA	**MEGHALAYA**

	MIZO	**MIZORAM**
	MP	**MADHYA PRADESH**
	MRTHWD	**MARATHWADA**
	NAGA	**NAGALAND**
	N COTL AP	**NORTH COASTAL ANDHRA PRADESH**
	NIK	**NORTH INTERIOR KARNATAKA**
	ORS	**ORISSA**
	PJB	**PUNJAB**
	RAJ	**RAJASTHAN**
	RYLSM	**RAYALASEEMA**
	SAU & KUTCH	**SAURASHTRA & KUTCH**
	SHWB	**SUB-HIMALAYAN WEST BENGAL**
	SIK	**SOUTH INTERIOR KARNATAKA**
	SKM	**SIKKIM**
	TLNGN	**TELANGANA**
	TN	**TAMIL NADU**
	TRP	**TRIPURA**
	UP	**UTTAR PRADESH**
	UTRKND	**UTTARAKHAND**
	VID	**VIDHARBHA**
	SHWB	**SUB HIMALAYAN WEST BENGAL**
	GWB	**GANGETIC WEST BENGAL**
	ARSEA	**ARABIAN SEA**
	ILS	**ISLANDS**
MISCELLANEOUS	**ASSW**	**IN ASSOCIATION WITH**
	ASSTD	**ASSOCIATED**
	LLC	**LOW LEVEL CIRCULATION**
	EMBDD	**EMBEDDED**
	N/HOOD	**NEIGHBOURHOOD**
	EXT	**EXTREME**