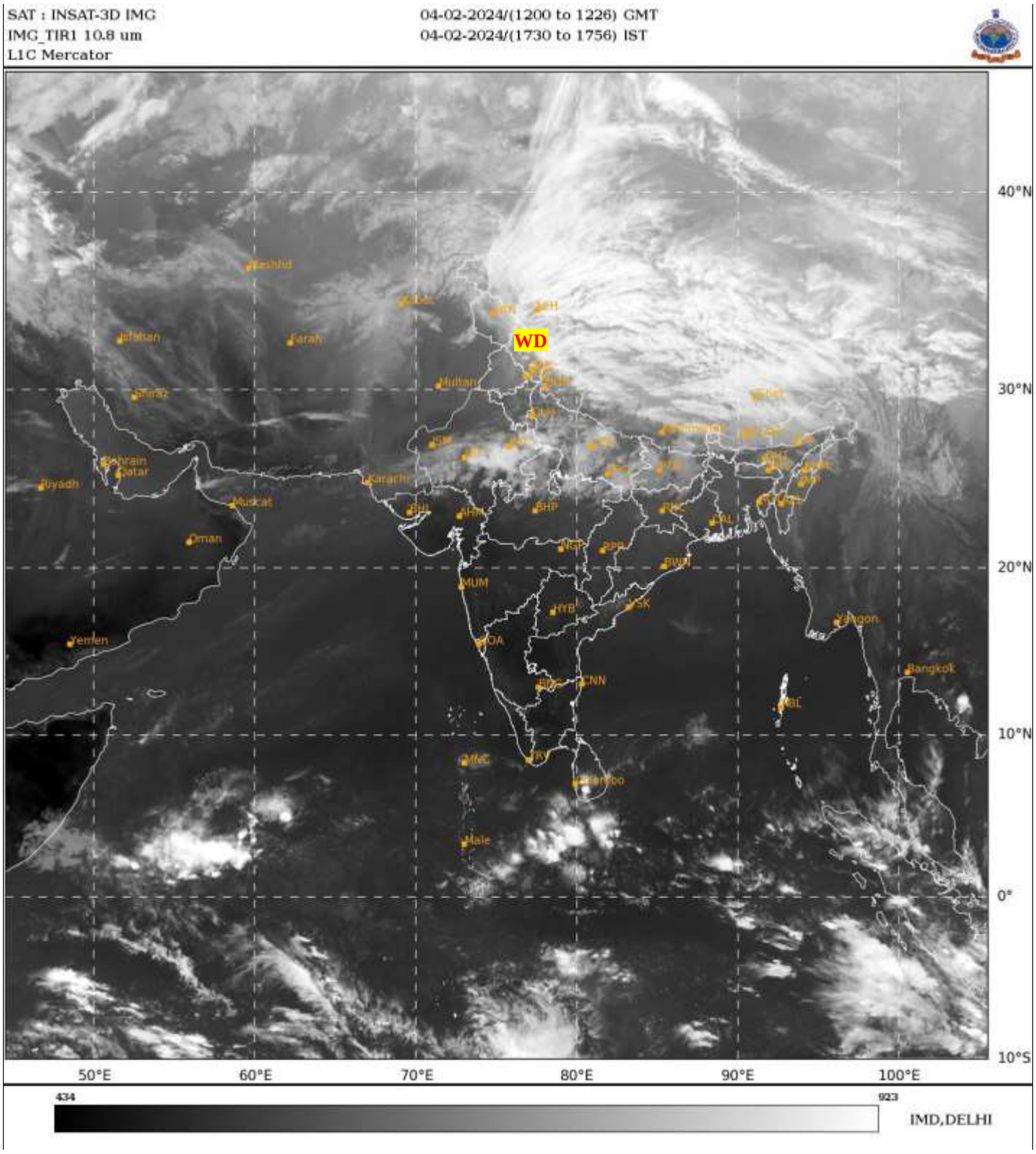
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

04.02.2024 TIME 1200 UTC



TCIN50 DEMS 041200
SATELLITE BULLETIN BASED ON INSAT- 3D PIC OF 041200 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

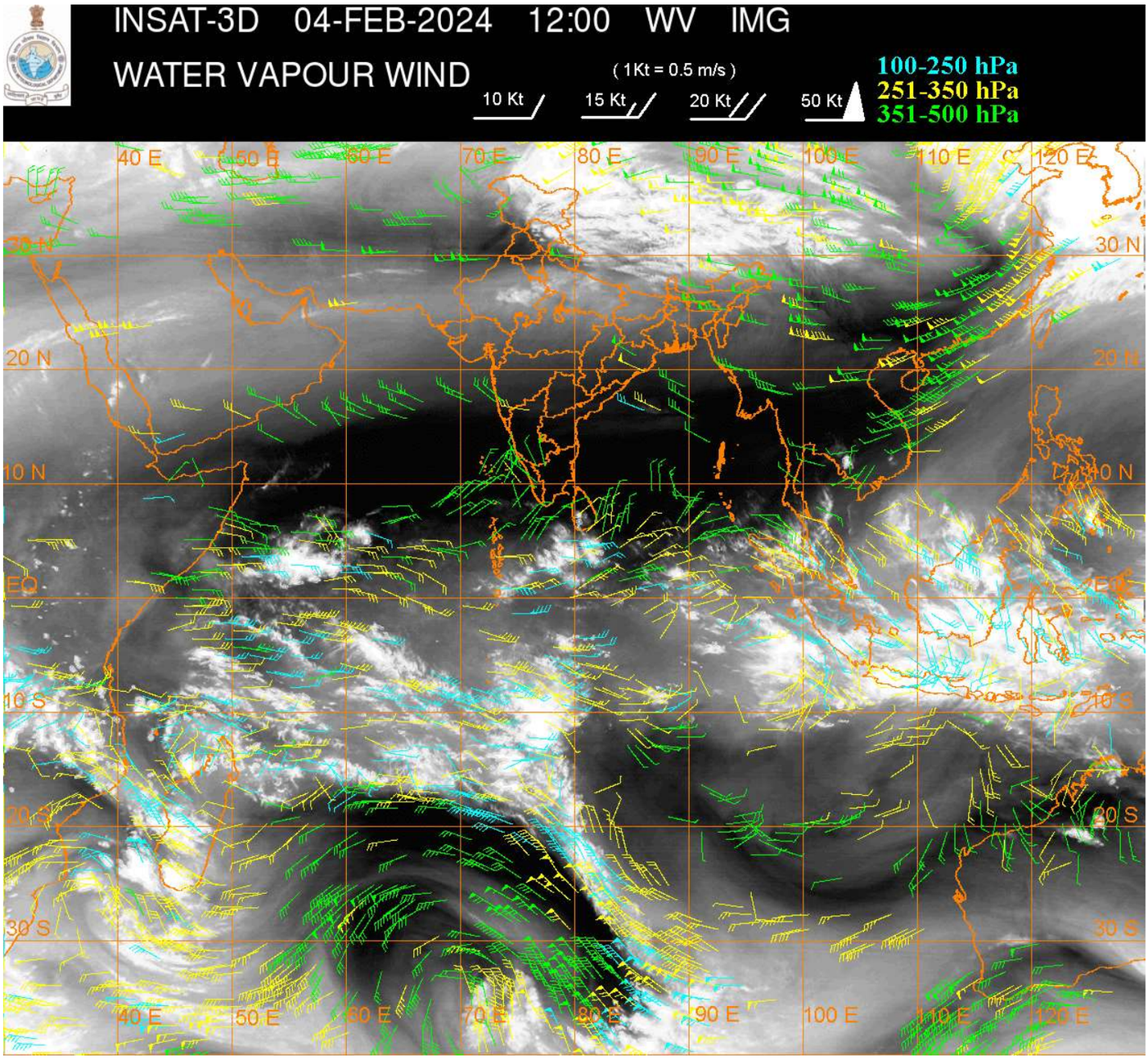
SCT TO BKN MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ N MP UP NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

FOG / LOW CLOUDS:-

FOG NOT OBSERVED OVER INDIAN REGION (.)

WESTERLY JET STREAM :-

WESTERLY JET STREAM PERSISTS BETWEEN LAT 20.0N TO 35.0N ACROSS NORTH & CENTRAL INDIA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP N UTRKND (MINIMUM CTT MINUS 63 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E PJB E HARY DLH UP S UTRKND (.) SCT LOW/MED CLOUDS OVER REST PJB REST HARY (.)

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RAJ N MP (.) SCT LOW/MED CLOUDS OVER N GUJ REST MP MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS OVER KRNTK S TLNGN COTL AP KER TN & LKSDP ILS (.)

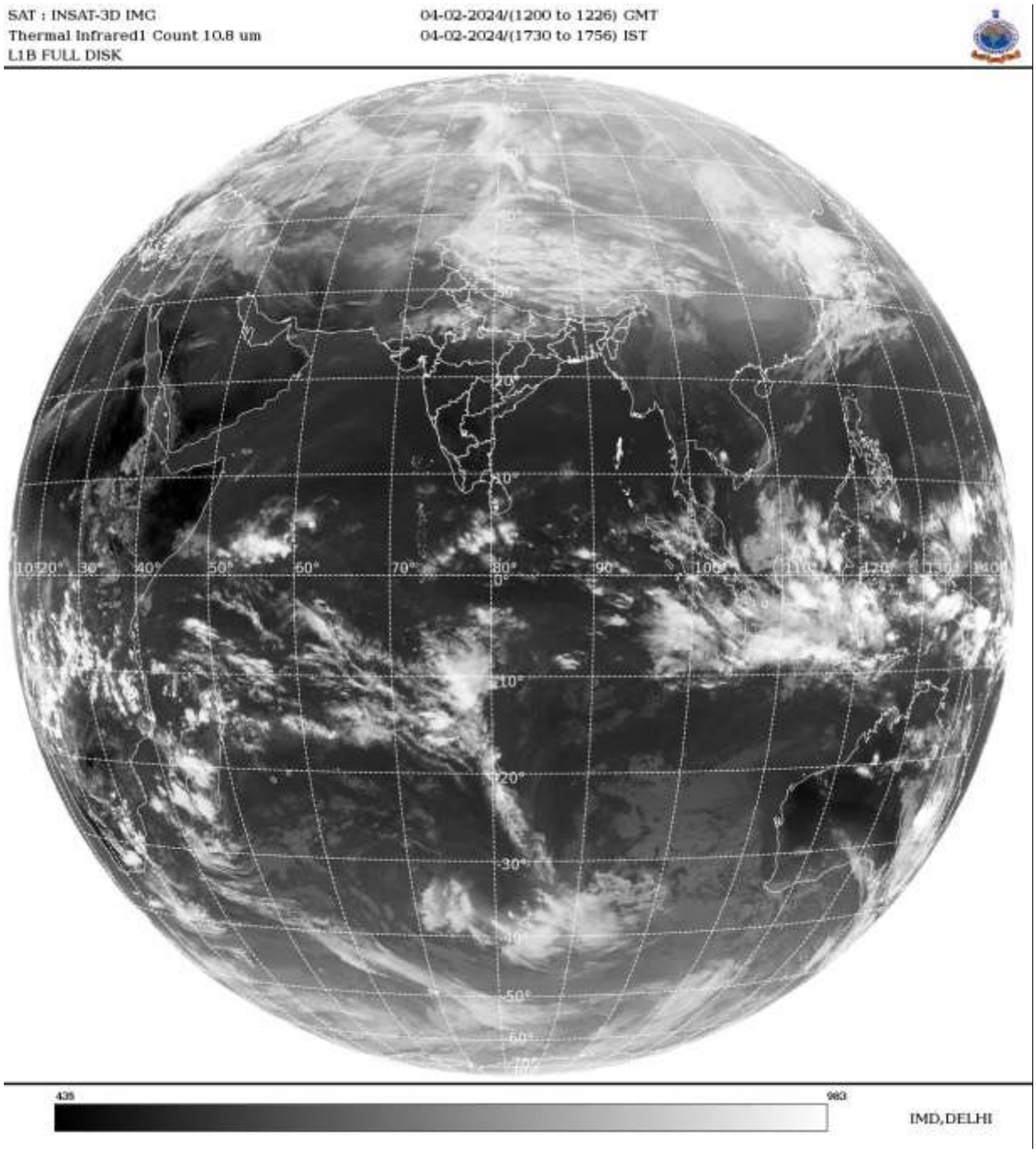
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SW ARSEA & SE COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LKSDP ILS AREA NW ARSEA (.) SCT LOW/MED CLOUDS OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY OFF S SRI LANKA COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST SOUTH BAY & S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



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

TOO 04/1830 HRS 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**