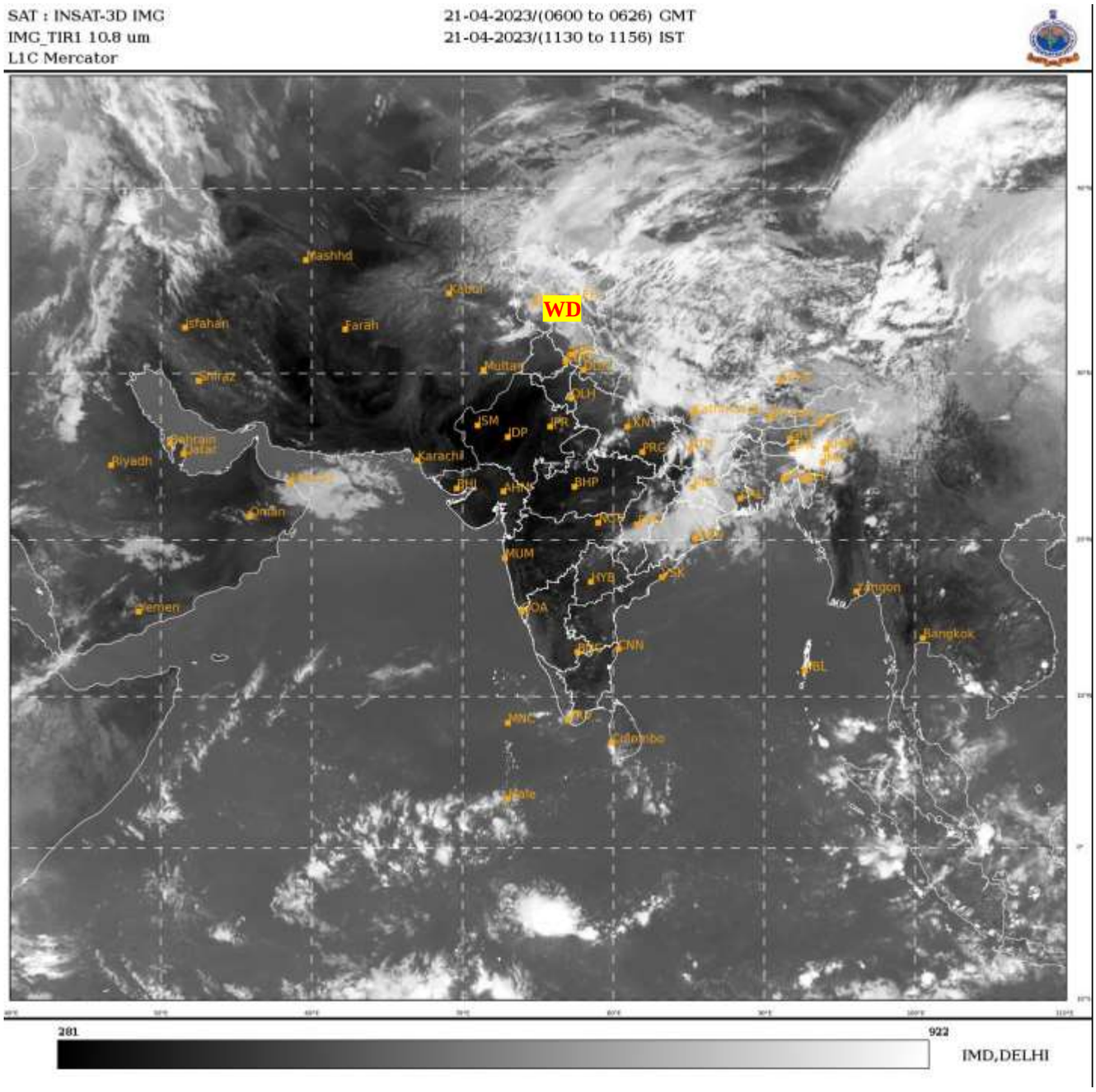
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

21.04.2023 TIME 0600 UTC



TCIN50 DEMS 210600
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210600 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

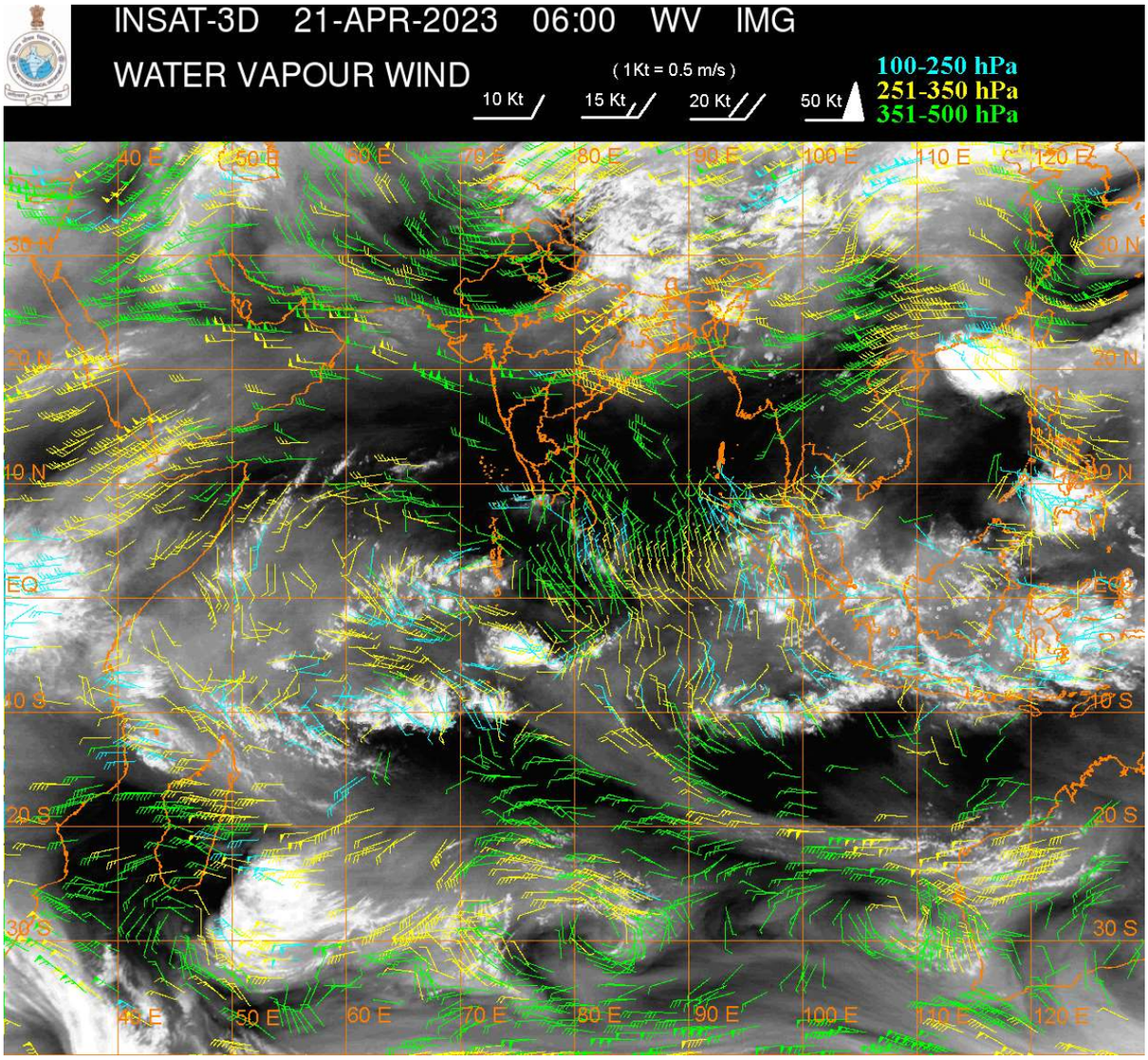
SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER J&K LADAKH E UP BHR JHRKND N ORS SKM SE ARUPR (MINIMUM CTT MINUS 50 DEG CEL) E MEGHA S & E ASSAM NAGA MANI NICOBAR ILS (MINIMUM CTT MINUS 60 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K LADAKH E UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER HP UTRKND SW UP (.) ISOL LOW/MED CLOUDS OVER C HARY NW UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR JHRKND N ORS SKM E MEGHA S & E ASSAM SE ARUPR NAGA MANI (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CHTGH S ORS GWB SHWB REST NE STATES & BD (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER NE RAJ NW MP SE VID (.) ISOL TO SCT LOW/MED CLOUDS OVER SE RAJ REST MP S GUJ REST MAHA GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT S KER EXT SW TN (.) SCT LOW/MED CLOUDS OVER KRNTK N TLNGN RYLSM COTL AP REST KER REST TN ANDAMAN ILS (.)

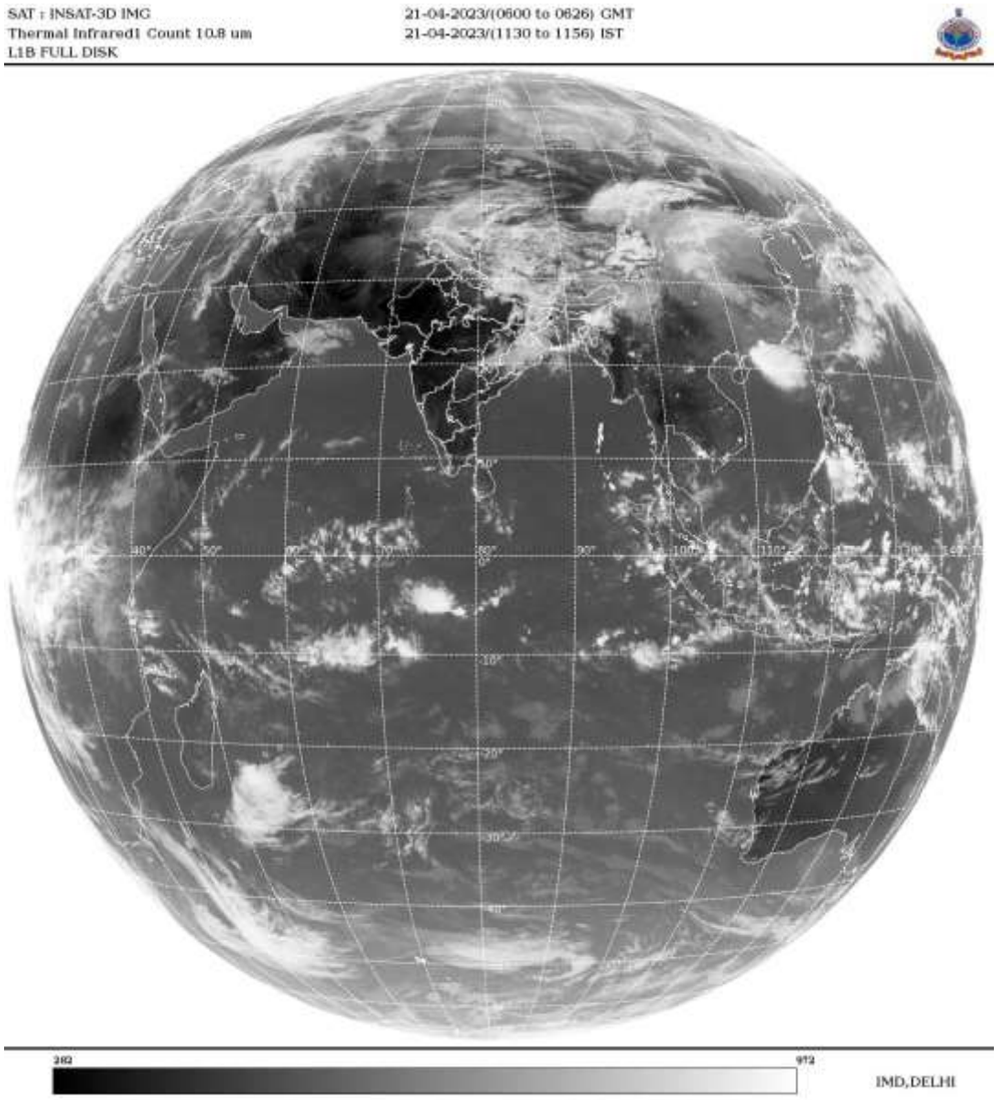
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA MALDIVES N PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 40.0E TO 108.0E AND BET LAT 20.0S TO 33.0S LONG 47.0E TO 80.0E (.)

TOO 21/1230 HRS IST=

NNNN

LEGEND:-

REGION	**NORTH**	**J&K HP PJB HARY DLH UP UTRKND**
	EAST	**BHR JHRKND CHTGH OR 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**