

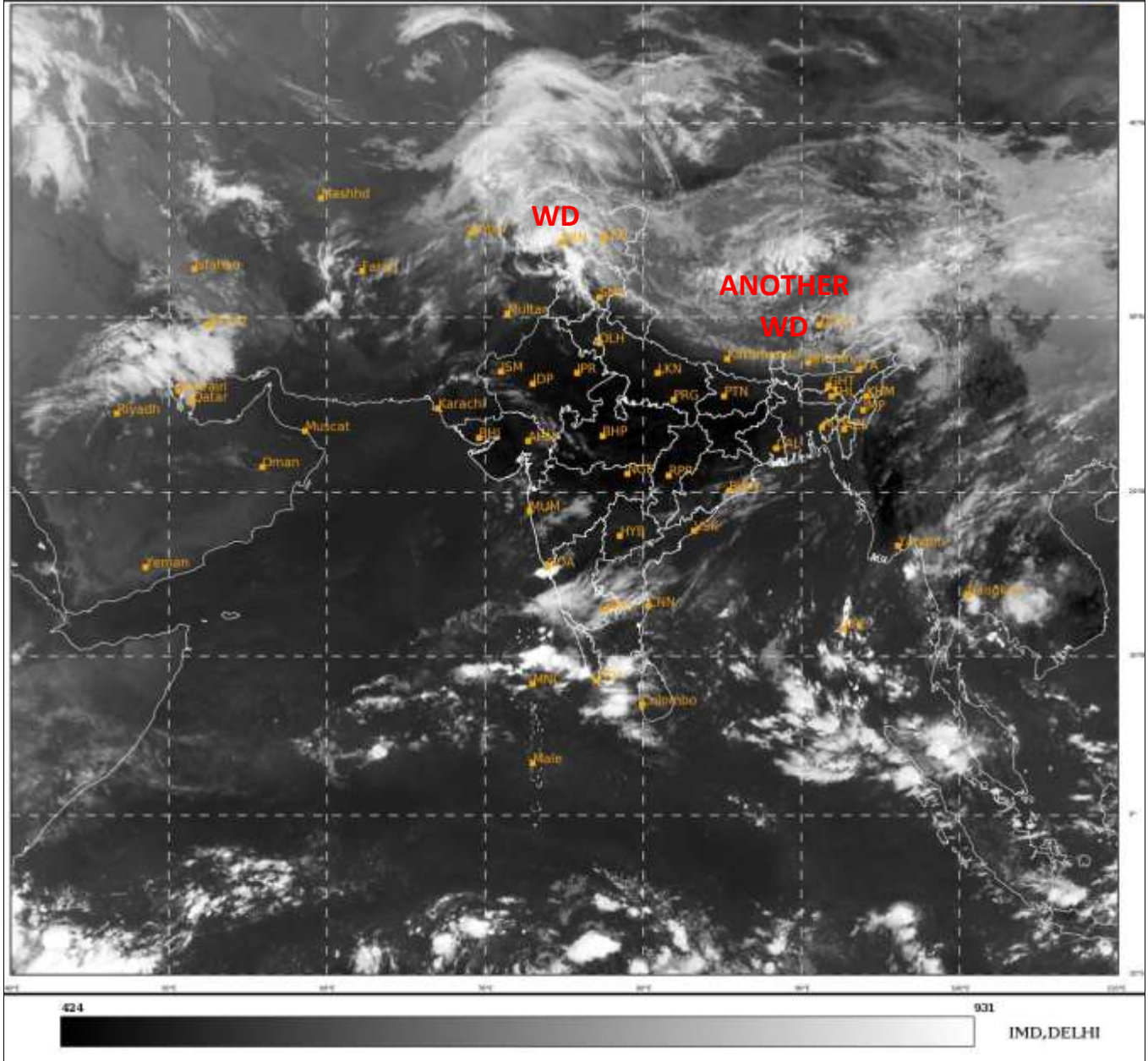


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

13.04.2021 TIME 0300 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

13-04-2021/(0300 to 0326) GMT
13-04-2021/(0830 to 0856) IST



TCIN50 DEMS 130300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 130300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N PAK J&K NW LADAKH PJB AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER TIBET ADJ CHINA IN ASSW **ANOTHER WD** OVER THE AREA (.)



INSAT-3D 13-APR-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

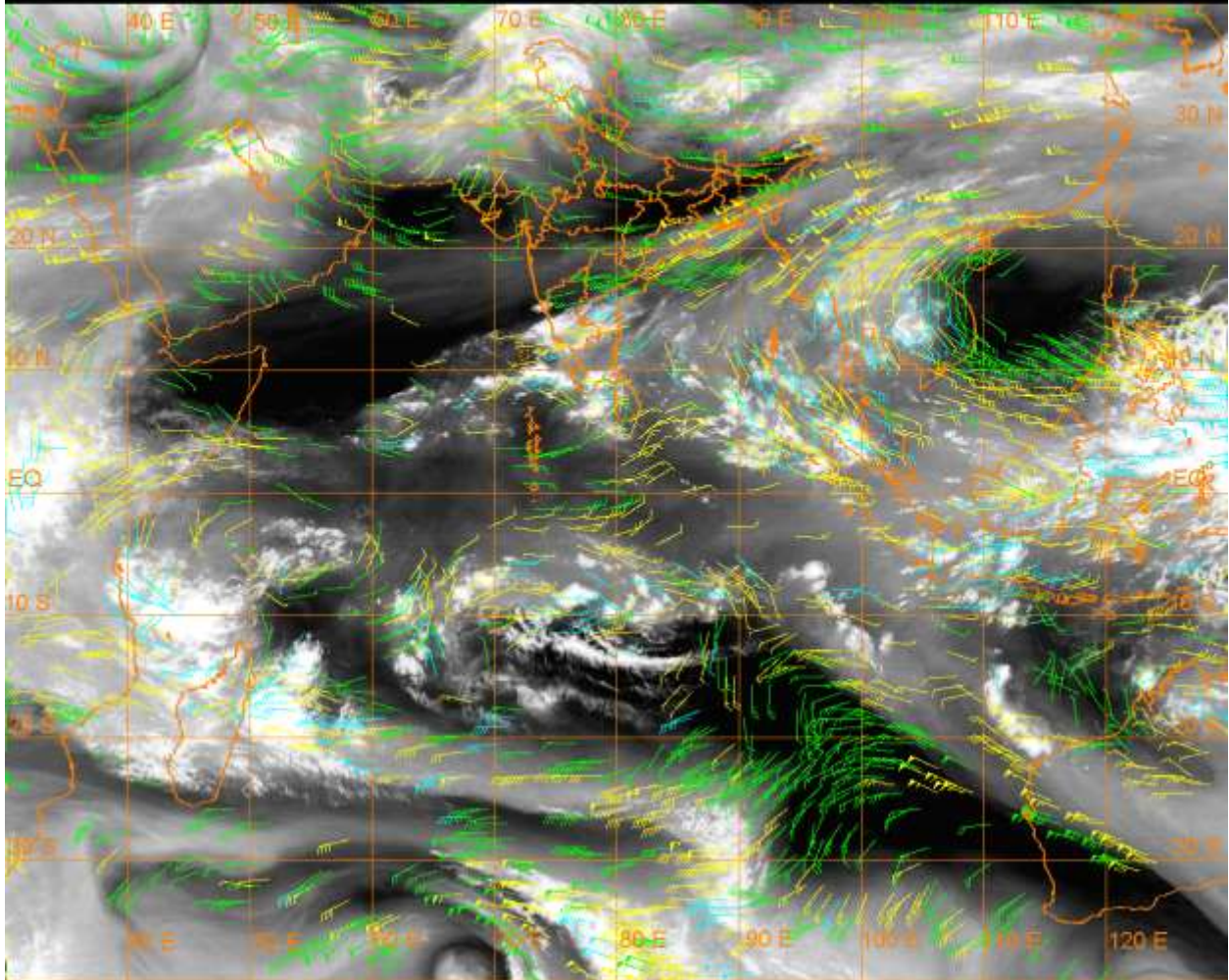
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K NW LADAKH EXT N PJB AND ISOL WK TO MOD CONVTN OVER REST LADAKH W & NE HP N UTRKND REST N PJB (.) SCT LOW/MED CLOUDS OVER REST HP REST PJB W HARY (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT SE CHTGH CENTRAL PARTS OF COTL ORS SKM ARUPR (.) SCT LOW/MED CLOUDS OVER REST E ORS REST S CHTGH EXT E ASSAM MANI MIZO (.) SCT LOW/MED CLOUDS OVER COTL & NE GWB MEGHA REST ASSAM TRP (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GOA (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER CNTRAL PARTS OF MADHYA MAHA (.) SCT LOW/MED CLOUDS OVER S RAJ E GUJ SE VID & N KKN (.)

SOUTH:-

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

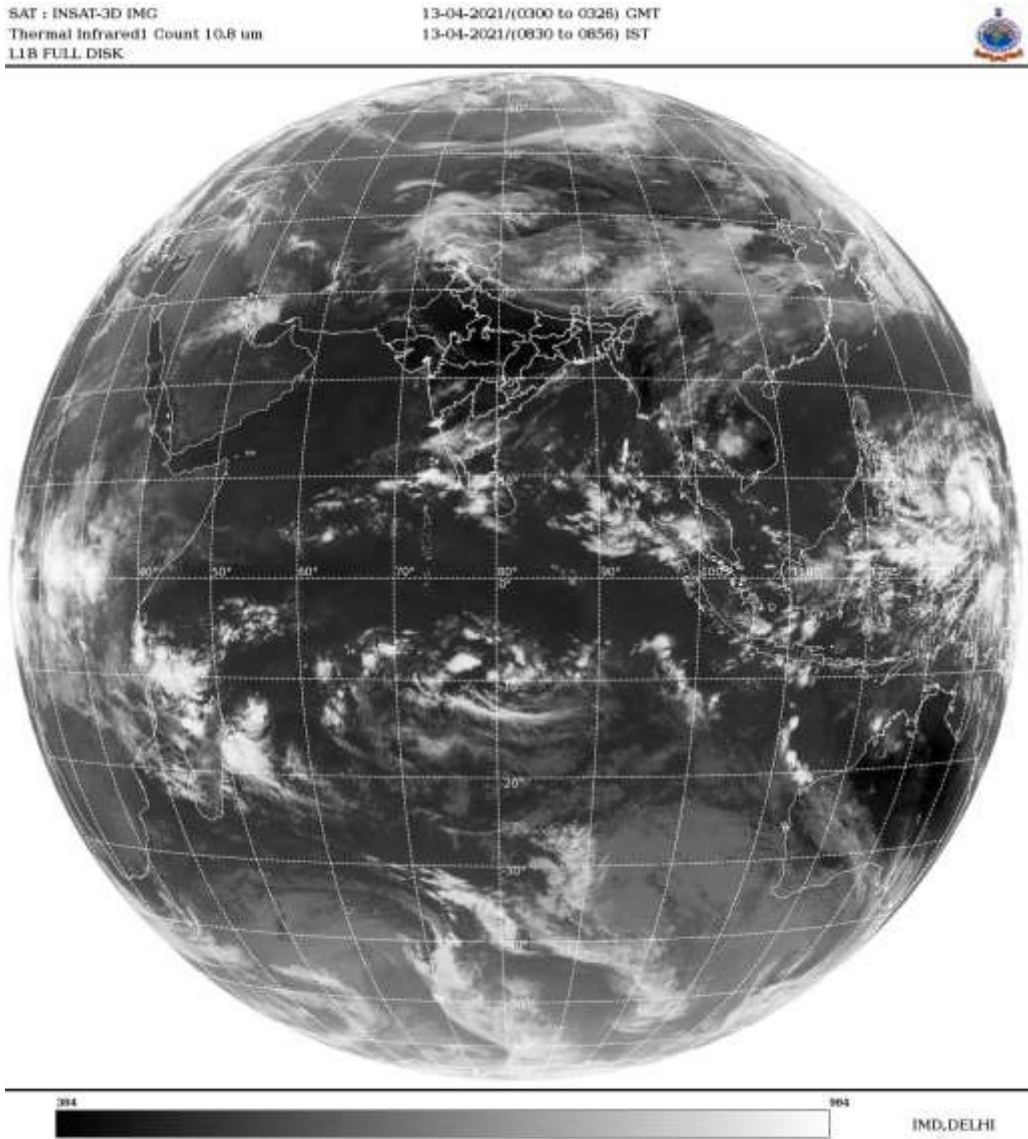
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC & SE ARSEA COMORIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY S ANDMAN SEA (.)
SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER W BAY (.)**

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N SRI LANKA GULF OF MANNAR PALK STR TIBET CHINA MYANMAR THAILAND GULF OF THAILAND LAOS CAMBODIA N VIETNAM SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA S PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 2.0S TO 22.0S LONG 50.0E TO 103.0E (.)

TOO 13/0930EF=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
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REGION	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	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
	UTRKN	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