



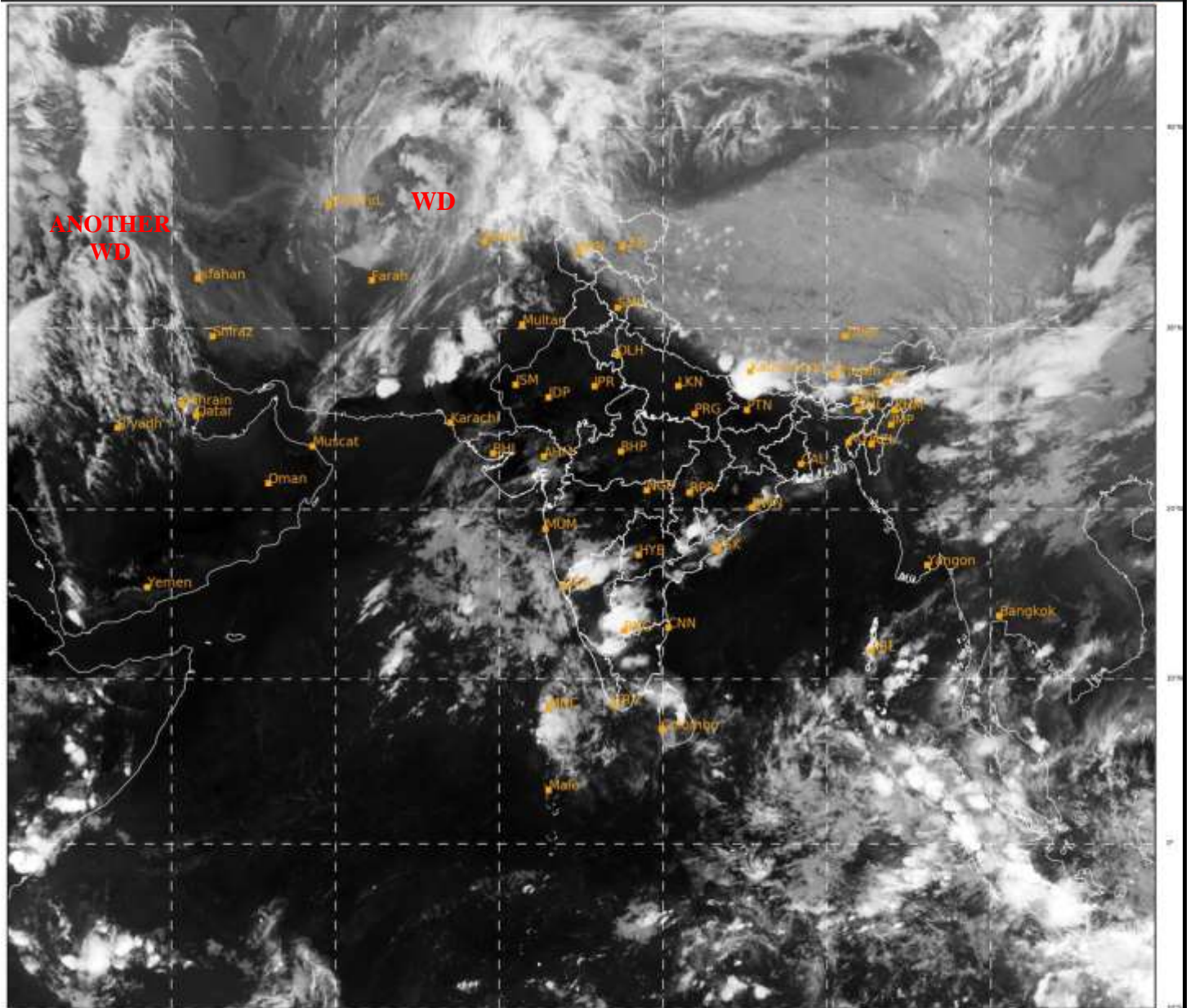
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
20.04.2022 TIME 1200 UTC

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

19-04-2022/(1500 to 1526) GMT
19-04-2022/(2030 to 2056) IST



455

945

IMD, DELHI

TCIN50 DEMS 201200

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 201200 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 AFGAN E UZBEKISTAN TAJIKISTAN N PAK NW LADAKH
IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER BLACK SEA IRAQ IRAN AND N/HOOD IN ASSW **ANOTHER
WD** OVER THE AREA (.)

THUNDERSTORM/ CONVECTIVE ACTIVITIES:-

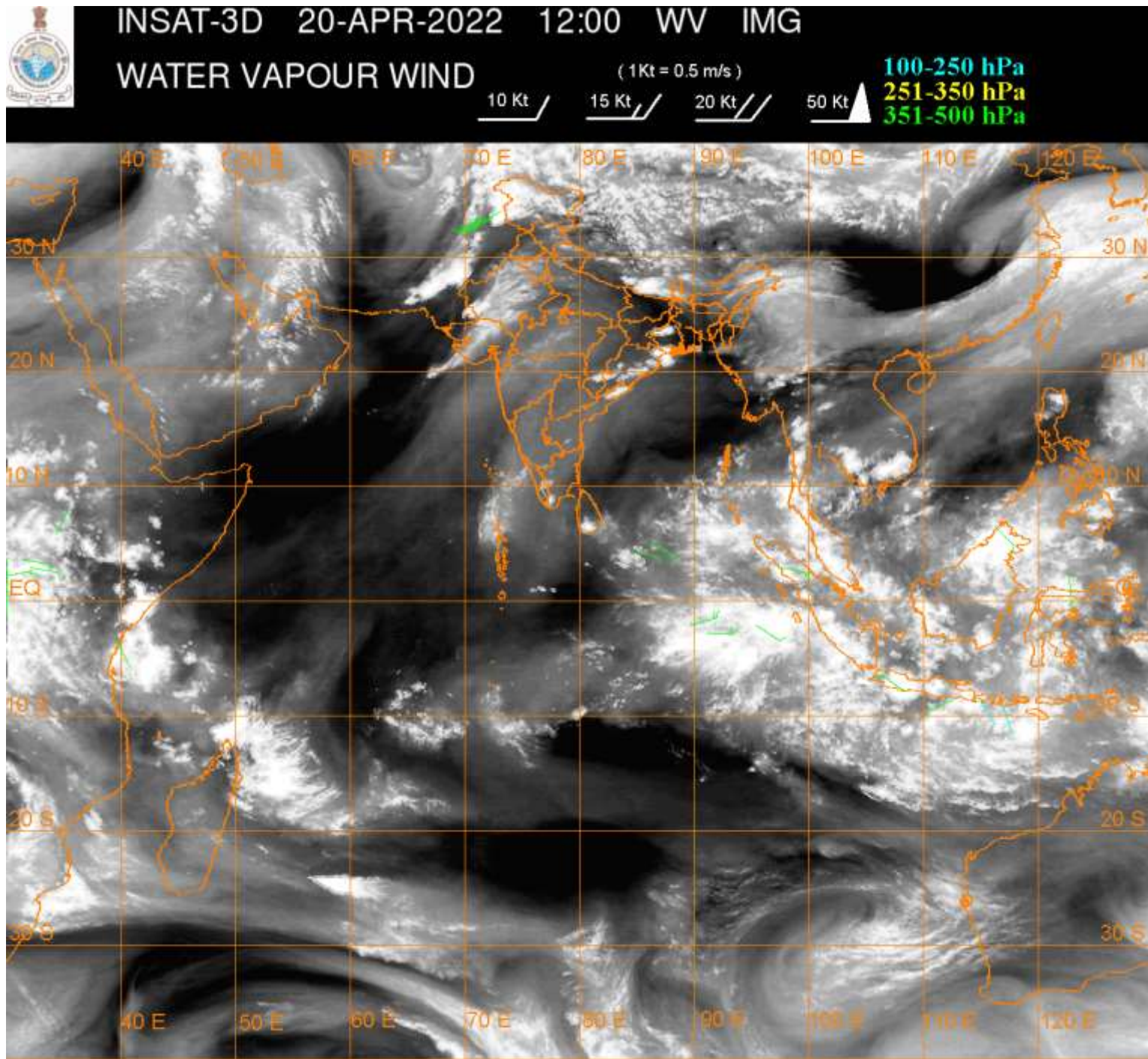
THUNDERSTORM/ CONVECTIVE ACTIVITIES OBSERVED OVER SKM MEGHA ASSAM NAGA
MANI MIZO TRP (.)

PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1200 UTC AT A LEAD TIME OF 03 HRS (MM/HR) :-

RAINFALL UPTO 7-15 MM OVER NE ORS S CHTGH SW TN SW RAJ (.)

**RAINFALL UPTO 5 MM OVER NW LADAKH W J&K N GUJ S ARUPR N ASSAM NAGA S MANI S
NICOBAR ILS (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW LADAKH W J&K (.)SCT
LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER REST LADAKH REST J&K N HP N
UTRKND (.)SCT LOW/MED CLOUDS OVER S PJB HARY DLH NW UP (.)**

EAST:-

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ORS E JHRKND N & S
GWB (.) BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW ORS S CHTGH
EXT N BHR SKM NE STATES (.) SCT LOW/MED CLOUDS OVER REST CHTGH REST ORS JHRKND
REST GWB (.)**

WEST:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S RAJ (.) SCT LOW/MED
CLOUDS WITH EMBDD OVER GUJ MP MAHA KKN (.)**

SOUTH:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S KER SW TN NE COTL AP
(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER ANDAMAN & NICOBAR**

ILS N KER S RYLSM S TLNGN (.)SCT LOW/MED CLOUDS OVER KRNTK LKSDP ILS (.)

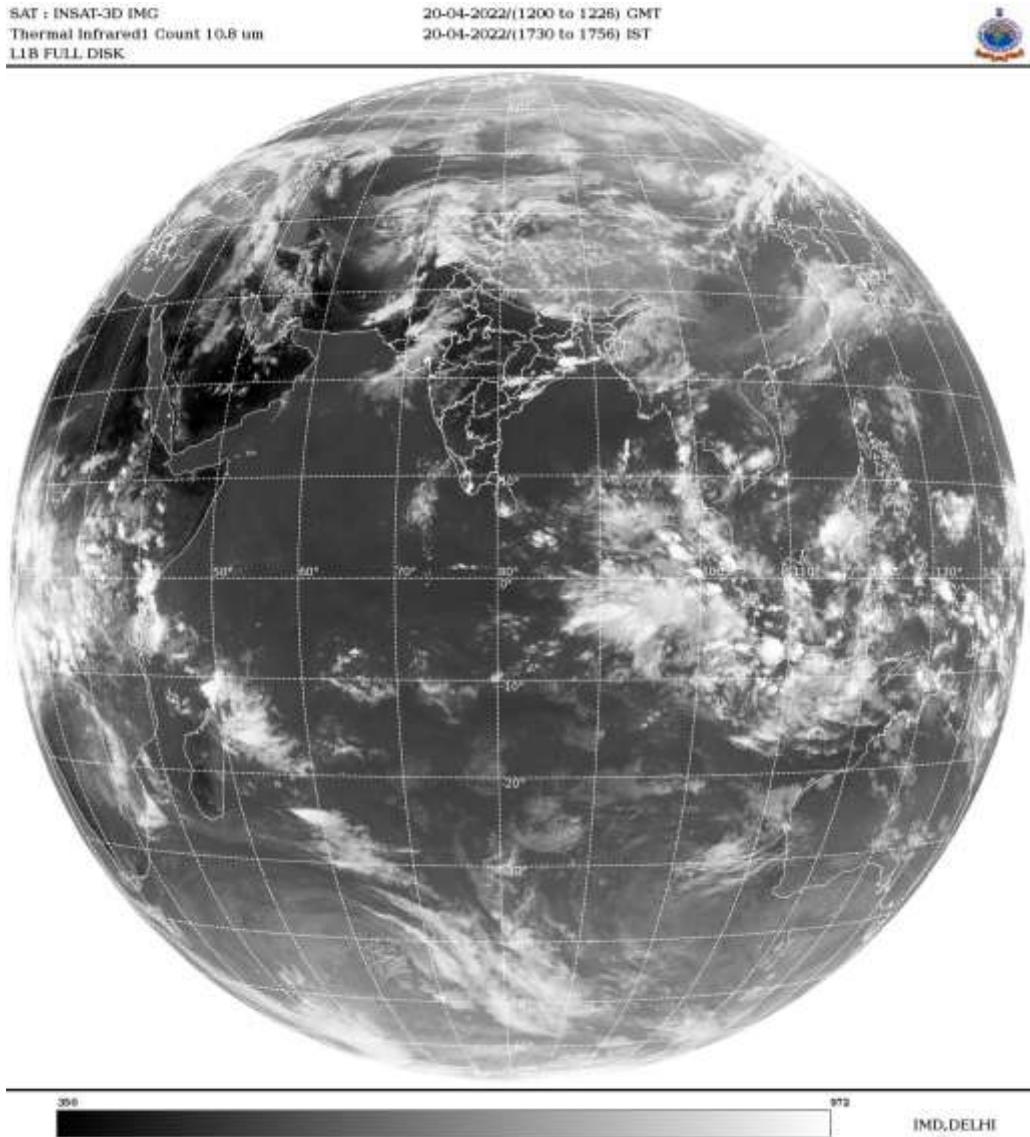
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EC ADJ NE ARSEA GULF OF KUTCH (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N PAK BHUTAN TIBET CHINA N MYANMAR S THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO JAVA ILS & SEA CELEBES ILS & SEA MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0S TO 20.0S LONG 42.0E TO 80.0E AND BET LAT 5.0N TO 18.0S LONG 85.0E TO 120.0E (.)

TOO 20/1850 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 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
	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