



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

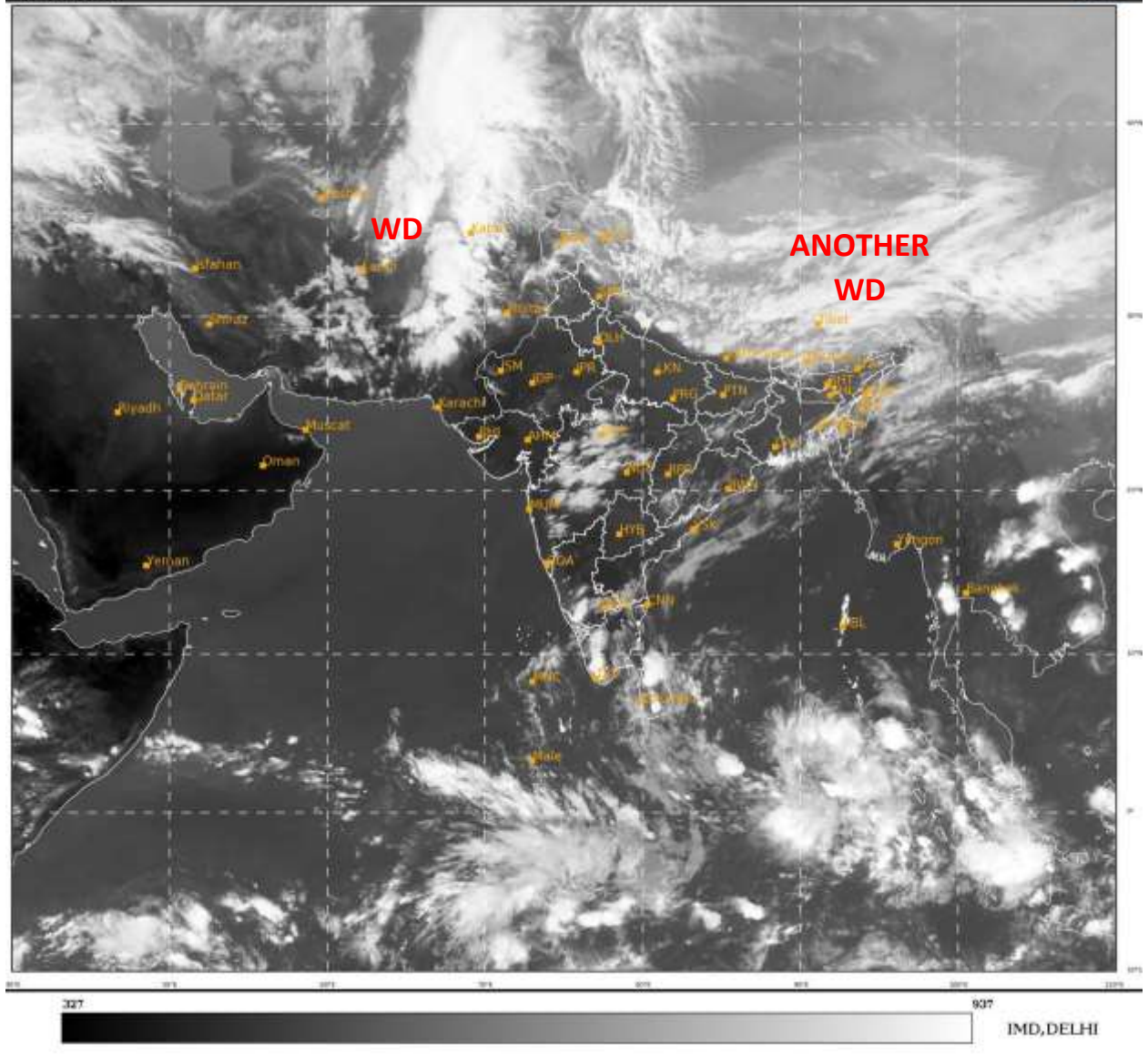


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

20.03.2021 TIME 1200 UTC

SAT : INSAT-3D IMG
IMG TIR1 10.8 um
LIC Mercator

20-03-2021/(1200 to 1226) GMT
20-03-2021/(1730 to 1756) IST



TCIN50 DEMS 201200

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 201200 UTC (.)

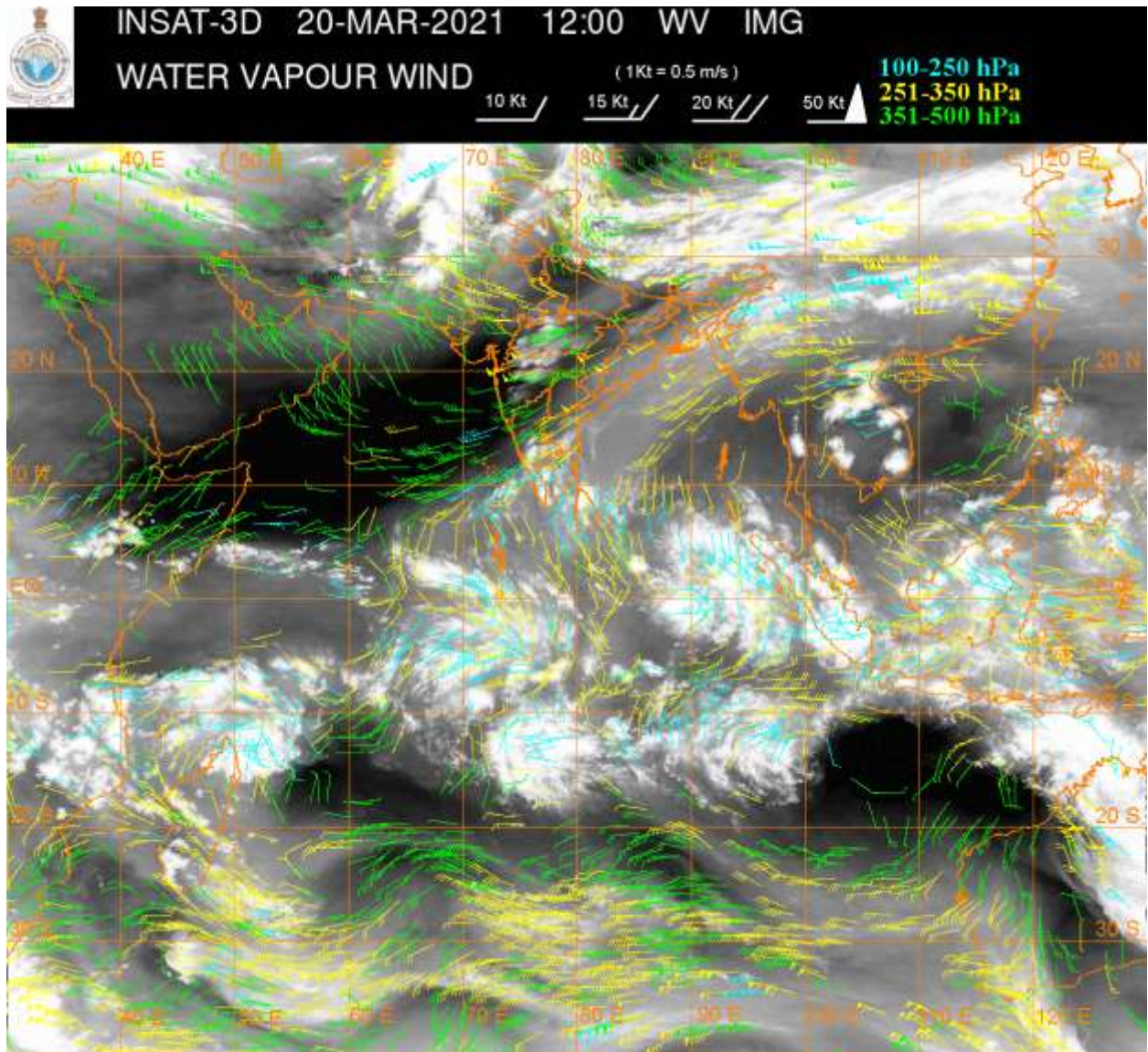
REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH AFGAN TAJIKISTAN E PAK AND OVER THE AREA BET LAT 37.0N TO 50.0N LONG 62.0E TO 78.0E IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER E TIBET ADJ CHINA AND N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N LADAKH W J&K N HP E UTRKND (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST LADAKH REST J&K REST HP REST UTRNKD (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SE BHR WC JHRKND S CHTGH S & COTL ORS SKM ARUPR W ASSAM NAGA MANI MIZO TRP & S BD GWB (.) SCT LOW/MED CLOUDS OVER SHWB MEGHA (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW & S MP SE RAJ VID M MAHA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NW RAJ MRTHWD E MP (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW TN S KER SW SIK (.)SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW TN SE SIK S & COTL AP (.) SCT LOW/MED CLOUDS OVER N TLNGN REST KRNTK (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA OFF KER COAST ADJ COMORIN (.)

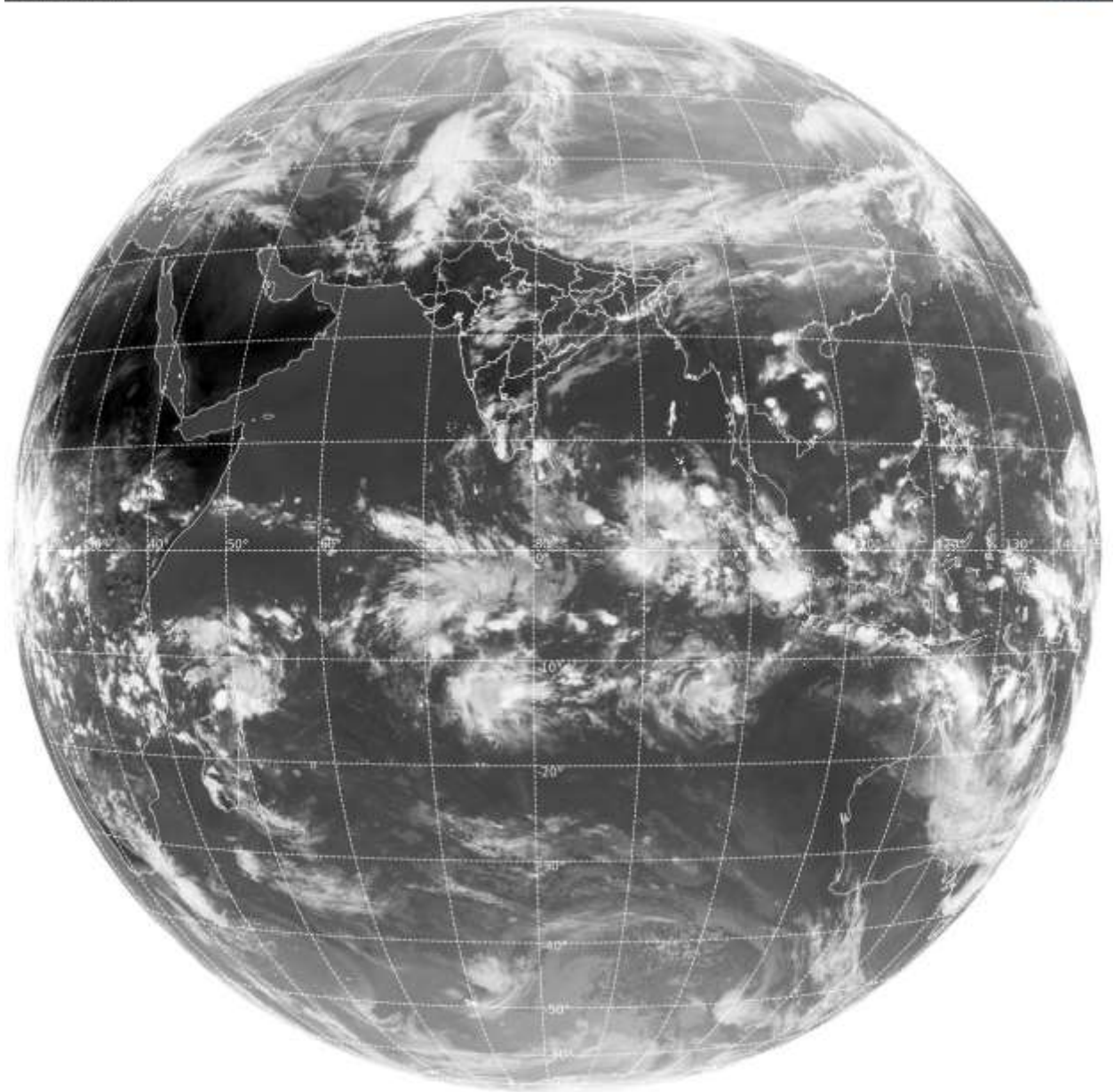
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY ADJ EQUATORIAL INDIAN OCEAN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NW & REST S BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal infrared1 Count 10.8 um
L1B FULL DISK

20-03-2021/(1200 to 1226) GMT
20-03-2021/(1730 to 1756) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA MALDIVES PAK NEPAL TIBET CHINA E CHINA SEA SUMATRA STR OF MALACCA MALAYASIA BORNEO S CHINA SEA CELEBES ILS & SEA JAVA ILS & SEA PHILIPPINES SULU SEA MADAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 16.0S LONG 45.0E TO 104.0E (.)

TOO 20/1815|EF=

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 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