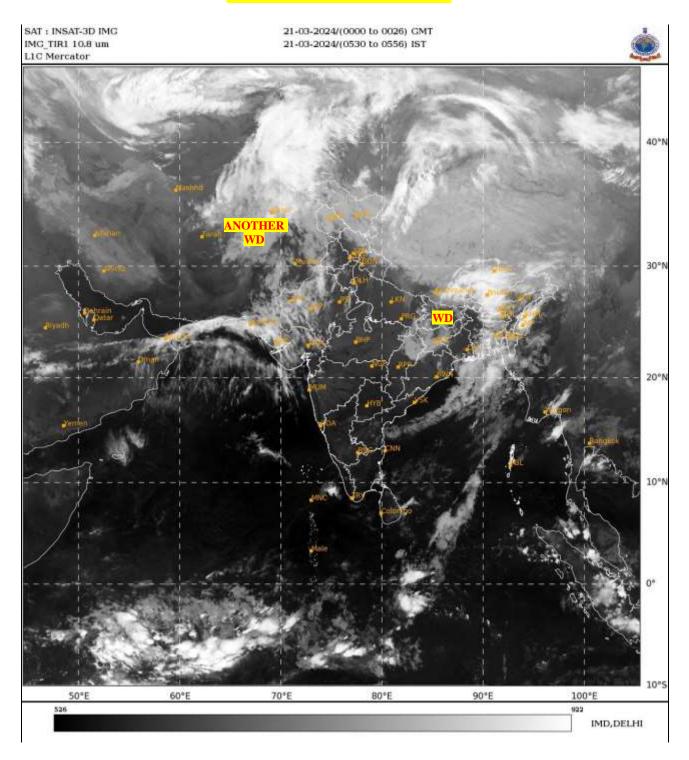


भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 21.03.2024 TIME 0000 UTC



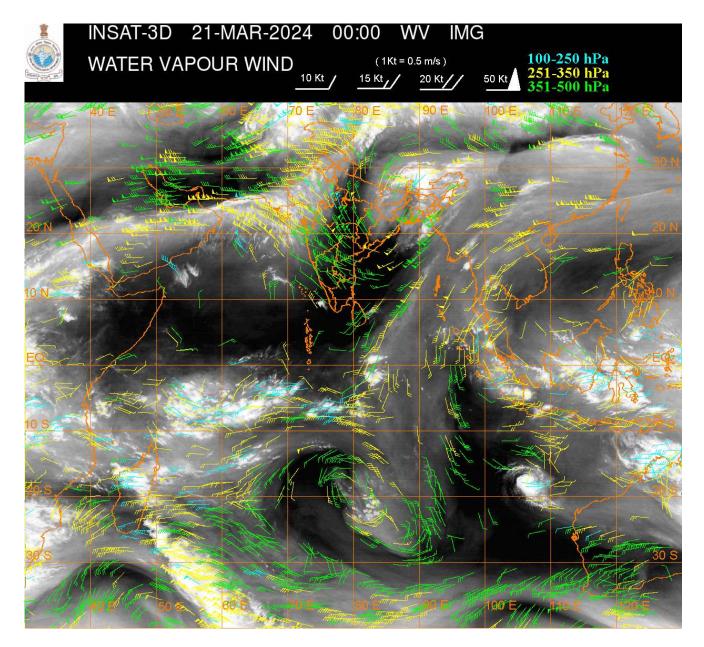
TCIN50 DEMS 210000 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210000 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

SCT TO BKN MULTILAYERED CLOUDS OVER E UP E MP CHTGH ORS GWB SHWB SKM NE STATES BD NEPAL BHUTAN TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT TO BKN MULTILAYERED CLOUDS OVER E IRAN AFGAN PAK NW LADAKH J&K W PJB W RAJ AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K N HP N UTRKND W PJB SW HARY EXT E UP (.) ISOL LOW/MED CLOUDS OVER S UTRKND E PJB REST HARY W UP (.)

EAST:-

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

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS OVER SIK RYLSM S COTL AP KER TN ANDAMAN ILS (.)

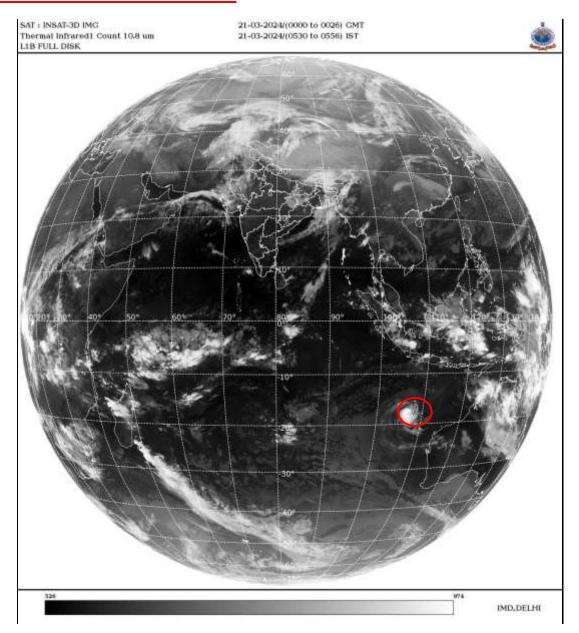
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH ARSEA SE ARSEA ADJ KER COAST AND ISOL WK TO MOD CONVTN OVER GULF OF KUTCH GULF OF CAMBAY (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESRIPTION OUTSIDE INDIA:-



VORTEX (NEVILLE) OVER SOUTH INDIAN OCEAN:-

VORTEX (NEVILLE) OVER SOUTH INDIAN OCEAN (AREA G30) CENTERED NEAR 17.7S / 106.8E (.) INTENSITY T4.5/4.5 (.) ASSOCIATED MAXIMUM SUSTAINED WINDS OF 64-89 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 15.0S TO 21.0S LONG 105.0E TO 110.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK NEPAL BHUTAN TIBET CHINA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS N VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO JAVA ILS & SEA CELEBES ILS & SEA S PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET EQ TO LAT 25.0S LONG 40.0E TO 90.0E (.)

TOO 21/0725 HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
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

	ISOL	ISOLATED (LESS THAN 25%)
CLOUD DISTRIBUTION	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP	CTT	CLOUD TOP TEMPERATURE
TEMPERATURE	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN –25□C)
CONVECTION	MOD CONVTN	MODERATE CONVECTION
	INT CONVTN	(CTT BETWEEN -25□C TO -40□C) INTENSE CONVECTION
	V INT CONVTN	
METEOROLOGICAL	ARUPR	(CTT LESS THAN -70□C) ARUNACHAL PRADESH
SUB- DIVISIONS, STATES & UNION TERITORIES	BHR	BIHAR
	СНТСН	CHHATTISGARH
TERITORIES	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
	NIK	PRADESH 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