

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

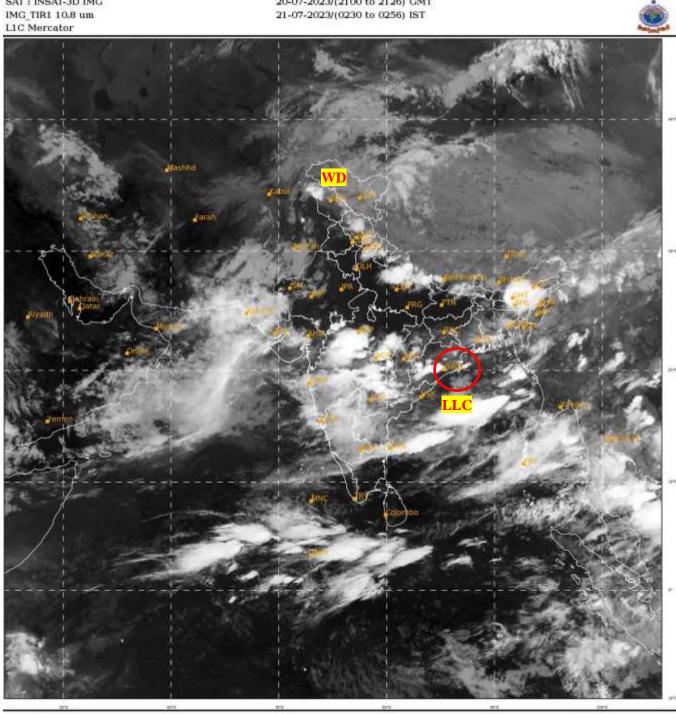


IMD, DELHI

SATELLITE BULLETIN BASED ON SATELLITE **IMAGERIES AND PRODUCTS** 20.07.2023 TIME 2100 UTC

SAT: INSAT-3D IMG IMG_TIR1 10.8 um

20-07-2023/(2100 to 2126) GMT



TCIN50 DEMS 202100 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 202100 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

LLC OVER NORTH-WEST BAY OFF ORISSA COAST & N/HOOD:-

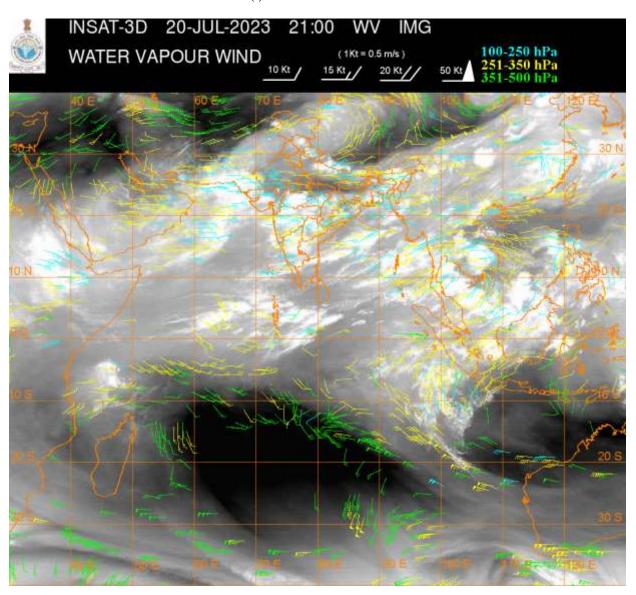
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY OFF ORS COAST & N/HOOD IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.) MINIMUM CTT MINUS 74 DEG CEL (.)

WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER N PAK J&K LADAKH & N/HOOD IN ASSW WD OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER UTRKND NC UP S MP VID MRTHWD TLNGN S ORS C ASSAM (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER UTRKND (MINIMUM CTT MINUS 72 DEG CEL) NC UP (MINIMUM CTT MINUS 87 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT W LADAKH N HP N UP AND ISOL WK TO MOD CONVTN OVER REST LADAKH J&K REST HP NW UP (.) SCT LOW/MED CLOUDS OVER PJB (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S ORS C ASSAM E MEGHA W ARUPR (MINIMUM CTT MINUS 92 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH AND WK TO MOD CONVTN OVER N BHR S JHRKND REST ORS GWB SHWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST JHRKND (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S MP VID (MINIMUM CTT MINUS 93 DEG CEL) MRTHWDA (MINIMUM CTT MINUS 83 DEG CEL) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW GUJ REST MAHA GOA AND WK TO MOD CONVTN OVER W RAJ (.) SCT LOW/MED CLOUDS OVER REST GUJ (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN (MINIMUM CTT MINUS 90 DEG CEL) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK RYLSM N TN ANDAMAN ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER COTL AP N KER LKSDP ILS & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S KER REST TN (.)

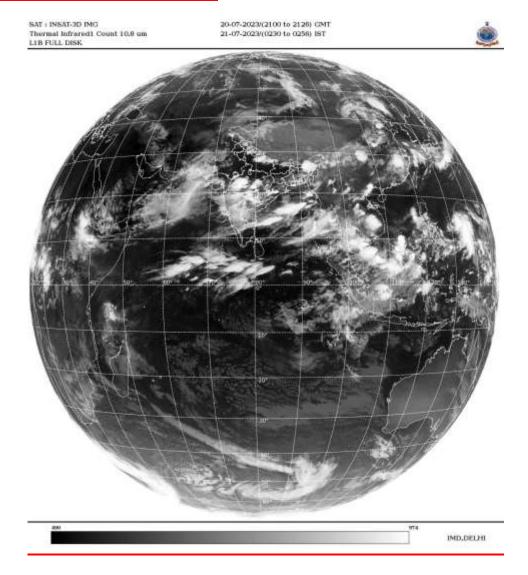
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA & WC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW ARSEA & EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH ARSEA LKSDP ILS AREA & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE & CENTRAL BAY N ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY REST ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA SEA CELEBES ILS & SEA PHILIPPINES TAIWAN EAST CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 2.0S LONG 60.0E TO 80.0E AND BET LAT EQ TO 15.0S LONG 85.0E TO 108.0E (.)

TOO 21/0405 HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	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

	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
CLOOD DISTRIBUTION	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP	CTT	CLOUD TOP TEMPERATURE
TEMPERATURE		
	WK CONVTN	WEAK CONVECTION
CONVECTION	MOD CONVTN	(CTT GREATER THAN -25□C) MODERATE CONVECTION
	INT CONVTN	(CTT BETWEEN -25□C TO -40□C) INTENSE CONVECTION
		(CTT BETWEEN -41 □ C TO -70 □ C)
	V INT CONVTN	VERY INTENSE CONVECTION (CTT LESS THAN -70□C)
METEOROLOGICAL	ARUPR	ARUNACHAL PRADESH
SUB- DIVISIONS,	BHR	BIHAR
STATES & UNION TERITORIES	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
	LKSDP M MAHA	LAKSHADWEEP MADHYA MAHARASHTRA
	M MAHA	MADHYA MAHARASHTRA
	M MAHA MAHA	MADHYA MAHARASHTRA MAHARASHTRA
	M MAHA MAHA MANI	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR
	M MAHA MAHA MANI MEGHA	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA
	M MAHA MAHA MANI MEGHA MIZO	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM
	M MAHA MAHA MANI MEGHA MIZO MP	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS PJB	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA PUNJAB
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS PJB RAJ RYLSM	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA PUNJAB RAJASTHAN
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS PJB RAJ RYLSM	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA PUNJAB RAJASTHAN RAYALASEEMA
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS PJB RAJ RYLSM SAU & KUTCH	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA PUNJAB RAJASTHAN RAYALASEEMA SAURASHTRA & KUTCH
	M MAHA MAHA MANI MEGHA MIZO MP MRTHWD NAGA N COTL AP NIK ORS PJB RAJ RYLSM SAU & KUTCH SHWB	MADHYA MAHARASHTRA MAHARASHTRA MANIPUR MEGHALAYA MIZORAM MADHYA PRADESH MARATHWADA NAGALAND NORTH COASTAL ANDHRA PRADESH NORTH INTERIOR KARNATAKA ORISSA PUNJAB RAJASTHAN RAYALASEEMA SAURASHTRA & KUTCH SUB-HIMALAYAN WEST BENGAL

	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