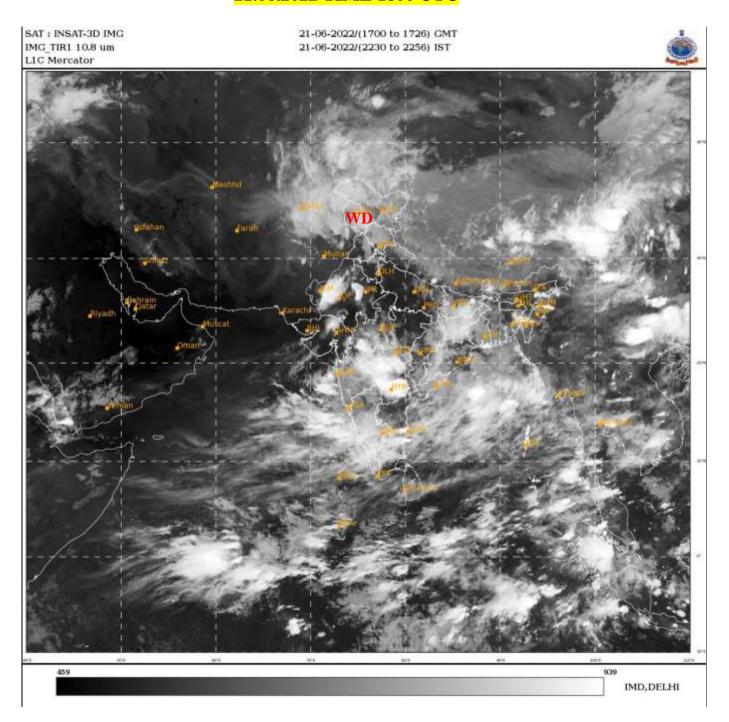


# भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 21.06.2022 TIME 1800 UTC



TCIN50 DEMS 211800 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 211700 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 TO BKN MULTILAYERED CLOUDS OVER AFGAN N PAK LADAKH J&K HP PJB N HARY N RAJ UP UTRKND TIBET ADJ CHINA AND N/HOOD IN ASSW WD OVER THE AREA (.)

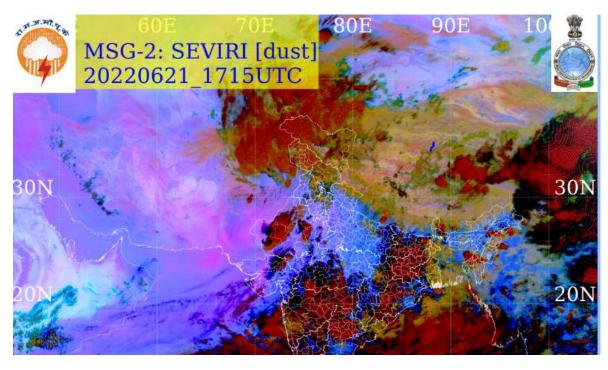
## THUNDERSTORM / CONVECTIVE ACTIVITY:-

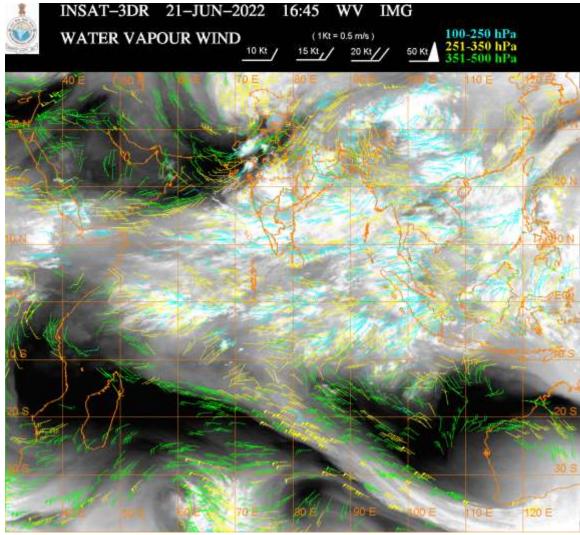
THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER RAJ BHR JHRKND ORS W GWB E ASSAM N NAGA MIZO N TRP MP MAHA N GUJ KRNTK TLNGN RYLSM N COTL AP KER TN LKSDP ILS AREA (.)

## **DUST:-**

METEOSAT-8 RGB DUST PRODUCT AT 1715 UTC INDICATES DUST OVER RAJ W GUJ ADJ S PAK AND NORTH ARABIAN SEA (.)

#### DATA NOT AVAILABLE AFTER 20/1600 UTC ONWARDS (.)





## **CLOUDS DESCRIPTION WITHIN INDIA:-**

# **NORTH:-**

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

## **EAST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE BHR EXT E ASSAM ADJ N NAGA N MIZO (MINIMUM CTT -74 DEG CEL )(.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BHR JHRKND N CHTGH ORS W GWB SHWB SKM N TRP AND WK TO MOD CONVTN OVER S CHTGH REST GWB REST NE STATES (.)

## **WEST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER C RAJ SW MP (MINIMUM CTT -90 DEG CEL) S VID ADJ E MRTHWD (MINIMUM CTT -93 DEG CEL) NC GUJ (MINIMUM CTT -80 DEG CEL) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST MAHA AND WK TO MOD CONVTN OVER SW GUJ REST MP NW RAJ (.)

#### **SOUTH:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN (MINIMUM CTT -93 DEG CEL ) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK COTL AP KER TN LKSDP ILS AND WK TO MOD CONVTN OVER RYLSM ANDAMAN & NICOBAR ILS (.)

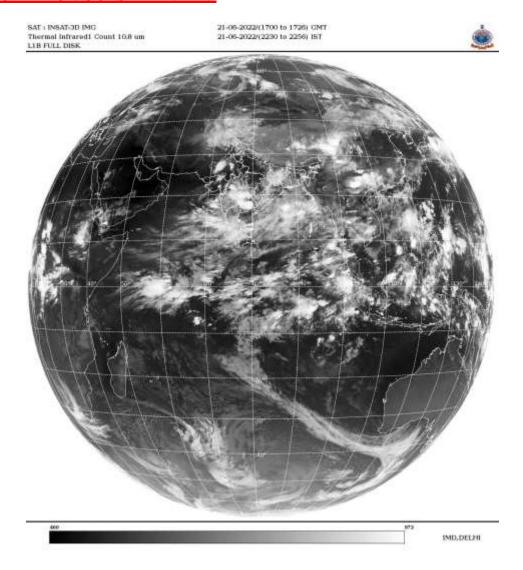
# **ARABIAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ARSEA OFF GUJ COAST SE ARSEA LKSDP ILS AREA AND WK TO MOD CONVTN OVER COMORIN AREA (.)

#### **BAY OF BENGAL & ANDAMAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH ADJ CENTRAL BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY AND ANDAMAN SEA (.)

#### **CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 104.0E AND BET LAT 10.0S TO 30.0S LONG 73.0E TO 105.0E (.)

TOO 21/2330 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

	ISOL	ISOLATED (LESS THAN 25%)
CLOUD DISTRIBUTION	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE
	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN -25°C)
CONVECTION	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-	ARUPR	ARUNACHAL PRADESH
DIVISIONS, STATES & UNION TERITORIES	BHR	BIHAR
	СНТСН	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
	МАНА	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