

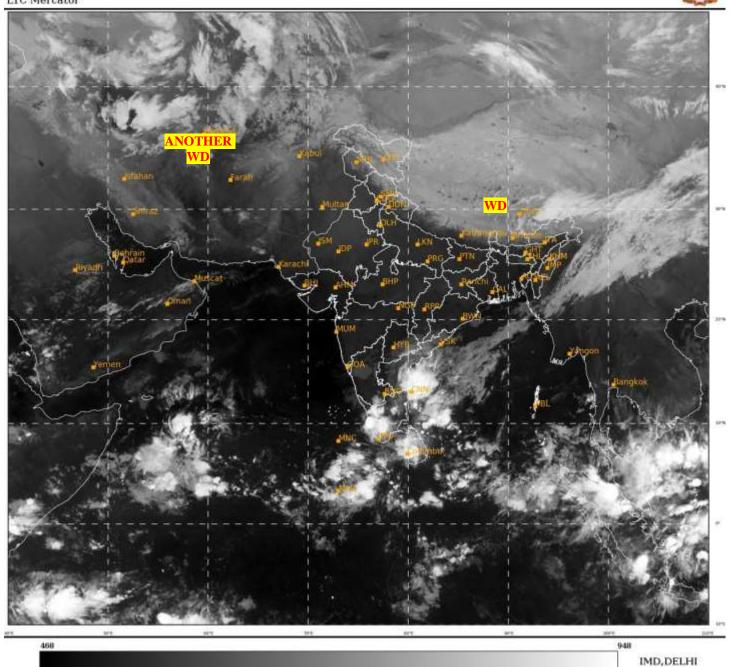
# भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



# SATELLITE BULLETIN BASED ON SATELLITE <u>IMAGERIES AND PRODUCTS</u> 21.11.2023 TIME 1800 UTC

SAT: INSAT-3DR IMG IMG\_TIR1 10.8 um L1C Mercator 21-11-2023/(1645 to 1712) GMT 21-11-2023/(2215 to 2242) IST





TCIN50 DEMS 211800 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 211700 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

# **SALIENT FEATURES:-**

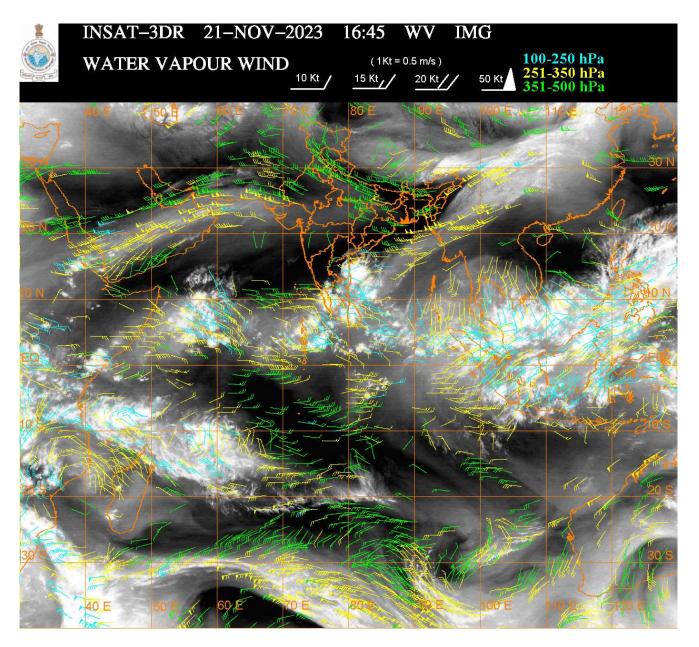
## **WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER E TIBET ADJ CHINA AND N/HOOD IN ASSW  $\overline{\text{WD}}$  OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER IRAN AFGAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

## **CONVECTIVE / THUNDERSTORM ACTIVITY:-**

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S COTL AP KER TN (.)



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

#### **NORTH:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH N HP N UTRKND (.) ISOL TO SCT LOW/MED CLOUDS OVER J&K S HP S UTRKND (.)

#### **EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SKM ARUPR (.) SCT LOW/MED CLOUDS OVER S CHTGH ORS N SHWB MEGHA ASSAM (.)

#### **WEST:-**

ISOL LOW/MED CLOUDS OVER E MP SE VID (.)

## **SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER C KER (MINIMUM CTT MINUS 77 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S COTL AP S KER TN AND ISOL WK CONVTN OVER SOUTH SIK N COTL AP NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER REST KRNTK S TLNGN N KER LKSDP & ANDAMAN ILS (.)

# **ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW & CENTRAL ARSEA (.)

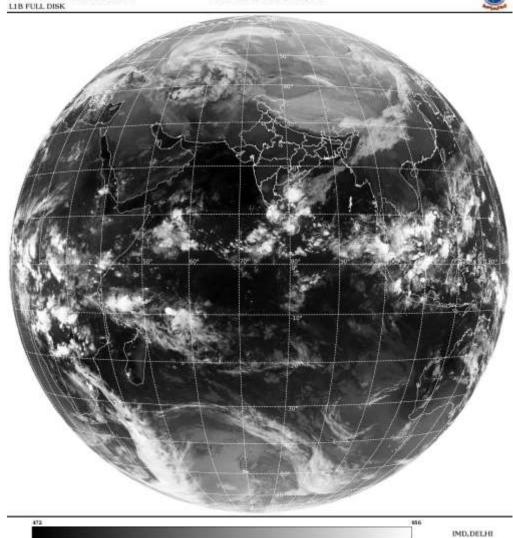
### **BAY OF BENGAL & ANDAMAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY OFF S AP COAST AND SW BAY OFF N TN COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST SOUTH BAY AND WK TO MOD CONVTN OVER NORTH BAY SOUTH ANDAMAN SEA (.)

# **CLOUDS DESCRIPTION OUTSIDE INDIA:**

SAT : INSAT-3DR IMG Thermal Infrared1 Count 10.8 um 21-11-2023/(1715 to 1742) GMT 21-11-2023/(2245 to 2312) IST





SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES N NEPAL BHUTAN TIBET CHINA N MYANMAR EXT S THAILAND GULF OF THAILAND CAMBODIA S VIETNAM SUMATRA ADJ WEST COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 105.0E AND BET LAT 10.0S TO 22.0S LONG 50.0E TO 80.0E (.)

TOO 21/2345 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%)
	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
	V INT CONTITAL	(CTT BETWEEN -41 □ C TO -70 □ C) VERY INTENSE CONVECTION
	VINI CONVIN	(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
	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
		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

1	SHWB	SUB HIMALAYAN WEST BENGAL
	SUMP	SUD HIMALATAN WEST DENGAL
	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