

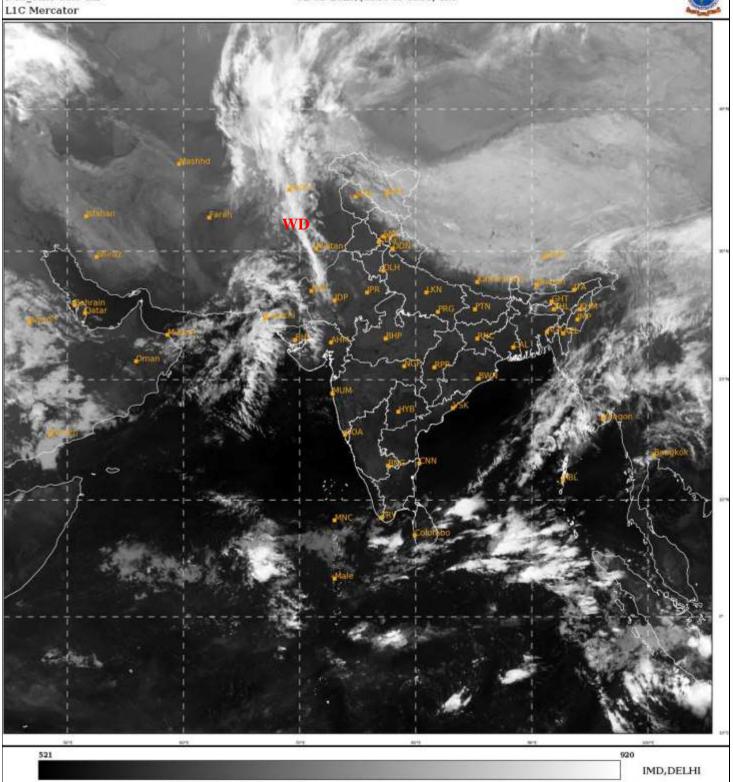
# भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 12.03.2023 TIME 0000 UTC

SAT : INSAT-3D IMG IMG\_TIR1 10.8 um 12-03-2023/(0000 to 0026) GMT 12-03-2023/(0530 to 0556) IST



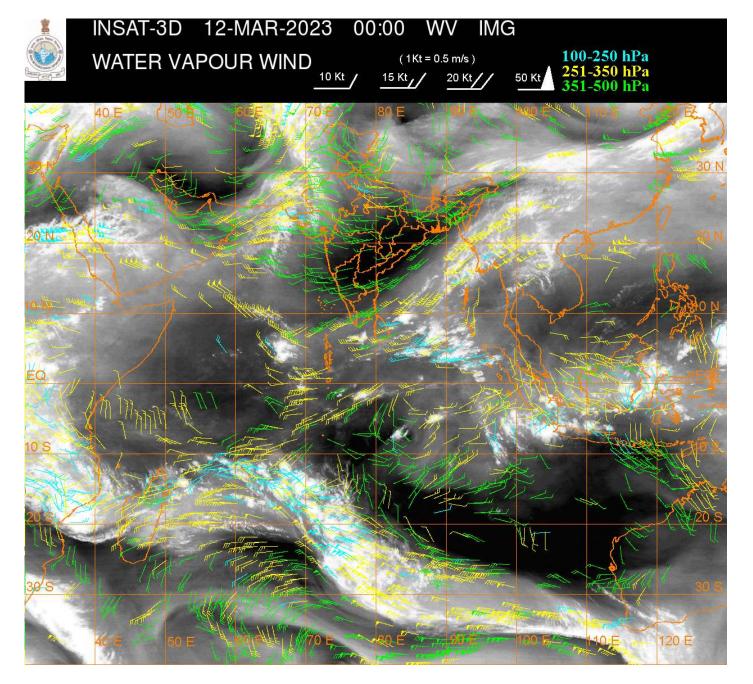


TCIN50 DEMS 120000 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 120000 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

WESTERN DISTURBANCE (WD):-

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



# **CLOUDS DESCRIPTION WITHIN INDIA:-**

#### **NORTH:-**

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

# **EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E ARUPR W MEGHA (.) SCT LOW/MED CLOUDS OVER SKM REST NE STATES (.)

#### **WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SW RAJ W GUJ (.) ISOL TO SCT LOW/MED CLOUDS OVER REST RAJ E GUJ MAHA (.)

# **SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN NIK KER TN (.)

#### **ARABIAN SEA:-**

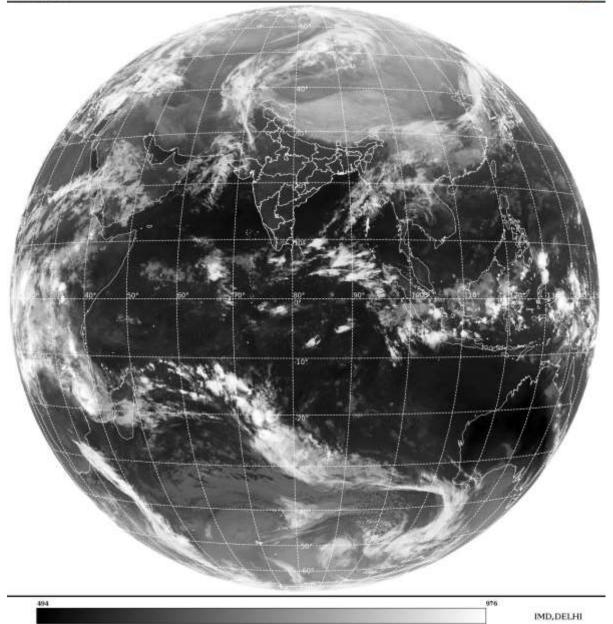
SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER NORTH ADJ CENTRAL ARSEA AND SE ARSEA SOUTH OF LAT 10.0N & COMORIN AREA (.)

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

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S BAY EC ADJ NW BAY ARAKAN COAST  $\mbox{(.)}$ 

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





SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA PAK TIBET CHINA MYANMAR N THAILAND N VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO JAVA SEA CELEBES ILS & SEA YELLOW SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 65.0E TO 105.0E AND BET LAT 10.0S TO 30.0S LONG 50.0E TO 90.0E(.)

**TOO 12/0640 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

CLOUD DISTRIBUTION  SI CLOUDS TOP TEMPERATURE  CONVECTION  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  CO	SCT BKN SLD CTT WK CONVTN MOD CONVTN INT CONVTN V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	SCATTERED (25 TO 50%)  BROKEN (51 TO 75%)  SOLID (GREATER THAN 75%)  CLOUD TOP TEMPERATURE  WEAK CONVECTION (CTT GREATER THAN -25 \( \text{C}\) (CTT GREATER THAN -25 \( \text{C}\) (CTT BETWEEN -25 \( \text{C}\) TO -40 \( \text{C}\) INTENSE CONVECTION (CTT BETWEEN -41 \( \text{C}\) TO -70 \( \text{C}\) VERY INTENSE CONVECTION (CTT LESS THAN -70 \( \text{C}\) ARUNACHAL PRADESH  BIHAR  CHHATTISGARH  COASTAL ANDHRA PRADESH  COASTAL KARNATAKA  COASTAL ORISSA
CLOUDS TOP TEMPERATURE  CONVECTION  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  CO	SLD CTT  WK CONVTN  MOD CONVTN  INT CONVTN  V INT CONVTN  ARUPR  BHR  CHTGH  COTL AP  COTL KRNTK  COTL ORS  GUJ	SOLID (GREATER THAN 75%)  CLOUD TOP TEMPERATURE  WEAK CONVECTION (CTT GREATER THAN -25 \( \text{C}\)  MODERATE CONVECTION (CTT BETWEEN -25 \( \text{C}\) TO -40 \( \text{C}\)  INTENSE CONVECTION (CTT BETWEEN -41 \( \text{C}\) TO -70 \( \text{C}\) VERY INTENSE CONVECTION (CTT LESS THAN -70 \( \text{C}\) ARUNACHAL PRADESH  BIHAR  CHHATTISGARH  COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
CLOUDS TOP TEMPERATURE  V CONVECTION  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  C C C G	WK CONVTN MOD CONVTN INT CONVTN V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	WEAK CONVECTION (CTT GREATER THAN -25 \( \text{C}\) MODERATE CONVECTION (CTT BETWEEN -25 \( \text{C}\) TO -40 \( \text{C}\) INTENSE CONVECTION (CTT BETWEEN -41 \( \text{C}\) TO -70 \( \text{C}\) VERY INTENSE CONVECTION (CTT LESS THAN -70 \( \text{C}\) ARUNACHAL PRADESH  BIHAR CHHATTISGARH COASTAL ANDHRA PRADESH COASTAL KARNATAKA
TEMPERATURE  CONVECTION  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  CO CO CO G	WK CONVTN MOD CONVTN INT CONVTN W INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	WEAK CONVECTION (CTT GREATER THAN -25 \( \text{C}\) MODERATE CONVECTION (CTT BETWEEN -25 \( \text{C}\) TO -40 \( \text{C}\) INTENSE CONVECTION (CTT BETWEEN -41 \( \text{C}\) TO -70 \( \text{C}\) VERY INTENSE CONVECTION (CTT LESS THAN -70 \( \text{C}\) ARUNACHAL PRADESH  BIHAR CHHATTISGARH COASTAL ANDHRA PRADESH COASTAL KARNATAKA
CONVECTION  METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES  CO	MOD CONVTN INT CONVTN V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	(CTT GREATER THAN -25□C)  MODERATE CONVECTION (CTT BETWEEN -25□C TO -40□C)  INTENSE CONVECTION (CTT BETWEEN -41□C TO -70□C)  VERY INTENSE CONVECTION (CTT LESS THAN -70□C)  ARUNACHAL PRADESH  BIHAR  CHHATTISGARH  COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  C C C G	NT CONVTN V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	MODERATE CONVECTION (CTT BETWEEN -25 \( \text{C} \) TO -40 \( \text{C} \)) INTENSE CONVECTION (CTT BETWEEN -41 \( \text{C} \) TO -70 \( \text{C} \)) VERY INTENSE CONVECTION (CTT LESS THAN -70 \( \text{C} \)) ARUNACHAL PRADESH  BIHAR CHHATTISGARH COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  C C C G	V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	INTENSE CONVECTION (CTT BETWEEN -41 □ C TO -70 □ C) VERY INTENSE CONVECTION (CTT LESS THAN -70 □ C) ARUNACHAL PRADESH  BIHAR CHHATTISGARH COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  C C C G	V INT CONVTN ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	(CTT BETWEEN -41□C TO -70□C)  VERY INTENSE CONVECTION (CTT LESS THAN -70□C)  ARUNACHAL PRADESH  BIHAR  CHHATTISGARH  COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  CO CO G	ARUPR BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	(CTT LESS THAN -70 C) ARUNACHAL PRADESH BIHAR CHHATTISGARH COASTAL ANDHRA PRADESH COASTAL KARNATAKA
SUB- DIVISIONS, STATES & UNION TERITORIES  C C G	BHR CHTGH COTL AP COTL KRNTK COTL ORS GUJ	ARUNACHAL PRADESH  BIHAR  CHHATTISGARH  COASTAL ANDHRA PRADESH  COASTAL KARNATAKA
STATES & UNION TERITORIES  C C C C	CHTGH COTL AP COTL KRNTK COTL ORS GUJ	CHHATTISGARH COASTAL ANDHRA PRADESH COASTAL KARNATAKA
TERITORIES  C C C G	COTL AP COTL KRNTK COTL ORS GUJ	COASTAL ANDHRA PRADESH COASTAL KARNATAKA
C C G	COTL KRNTK COTL ORS GUJ	COASTAL KARNATAKA
G	COTL ORS	
G	GUJ	COASTAL ORISSA
G		GUJARAT
	GWB	GANGETIC WEST BENGAL
H	HARY	HARYANA
	DLH	DELHI
H	HP	HIMACHAL PRADESH
J	I&K	JAMMU AND KASHMIR
J	IHRKND	JHARKHAND
K	KER	KERALA
	KKN	KONKAN
L	LKSDP	LAKSHADWEEP
	M MAHA	MADHYA MAHARASHTRA
	MAHA	MAHARASHTRA
	MANI	MANIPUR
M	MEGHA	MEGHALAYA
	MIZO	MIZORAM
	MP	MADHYA PRADESH
	MRTHWD	MARATHWADA
N	NAGA	NAGALAND
N	N COTL AP	NORTH COASTAL ANDHRA
N	NIK	PRADESH NORTH INTERIOR KARNATAKA
C	ORS	ORISSA
P	PJB	PUNJAB
R	RAJ	RAJASTHAN
R	RYLSM	RAYALASEEMA
S	SAU & KUTCH	SAURASHTRA & KUTCH
S	SHWB	SUB-HIMALAYAN WEST BENGAL
S	SIK	SOUTH INTERIOR KARNATAKA
S	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