

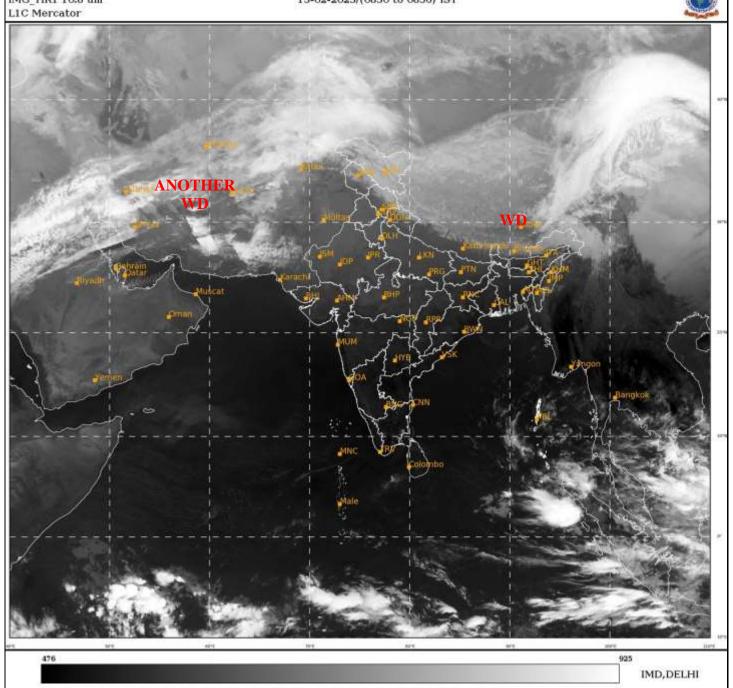
# भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 13.02.2023 TIME 0300 UTC

SAT : INSAT-3D IMG IMG\_TIRI 10.8 um 13-02-2023/(0300 to 0326) GMT 13-02-2023/(0830 to 0856) IST





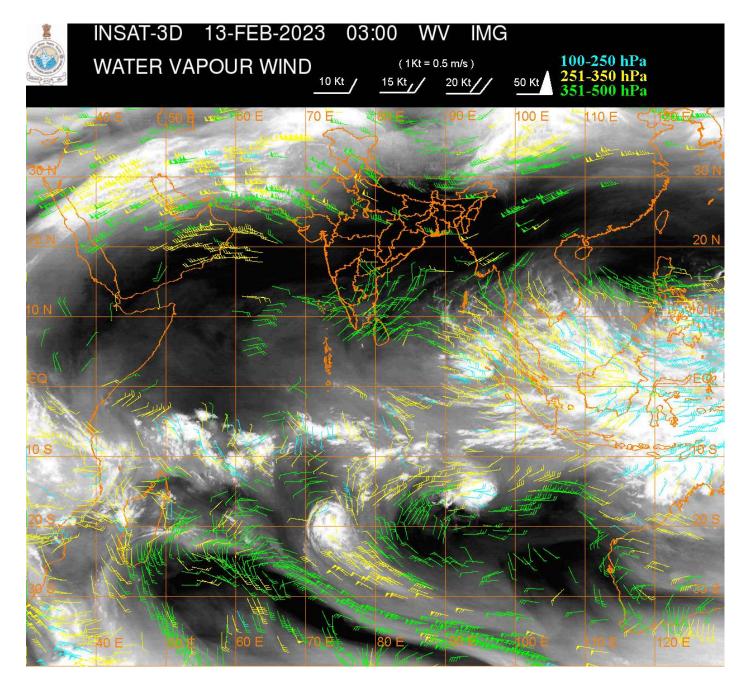
TCIN50 DEMS 130300 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 130300 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

## **SALIENT FEATURES:-**

## WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER ARUPR E TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

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



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

#### **NORTH:-**

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

#### **EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR E ASSAM N NAGA (.) SCT LOW/MED CLOUDS OVER REST NE STATES (.)

#### **WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER EXT SW RAJ (.)

## **SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SE TN NICOBAR ILS (.) ISOL TO SCT LOW/MED CLOUDS OVER EXT S COTL KRNTK N COTL AP KER REST TN ANDAMAN ILS (.)

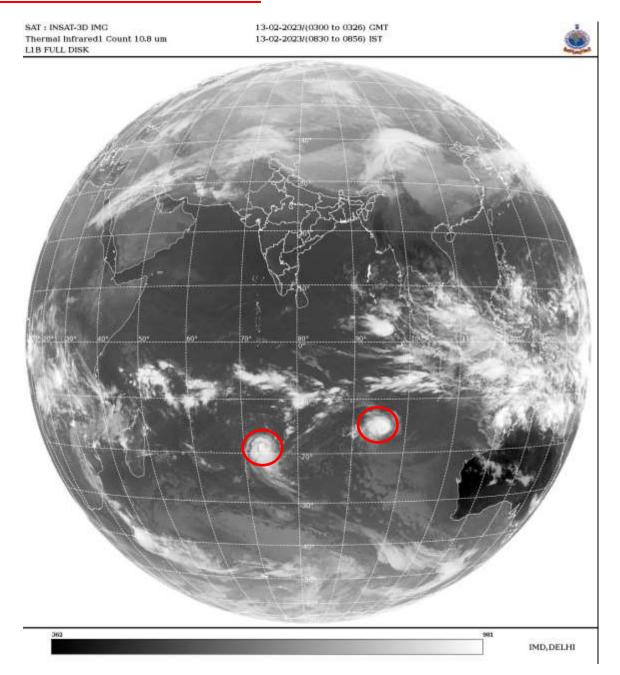
#### **ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SOUTH PARTS OF COMORIN AREA (.) SCT LOW/MED CLOUDS OVER WC & SOUTH ARSEA (.)

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

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY S ANDAMAN SEA AND WK TO MOD CONVTN OVER N ANDAMAN SEA (.) SCT LOW/MED CLOUDS OVER REST BAY (.)

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



# **VORTEX (FREDDY) OVER SOUTH INDIAN OCEAN:-**

VORTEX (FREDDY) OVER SOUTH INDIAN OCEAN (AREA-G25) CENTERED NEAR 15.1S / 96.2E (.) INTENSITY T5.0/5.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 90-119 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 13.0S TO 17.0S LONG 92.5E TO 97.0E (.)

#### ANOTHER VORTEX (DINGANI) OVER SOUTH INDIAN OCEAN:-

ANOTHER VORTEX (DINGANI) OVER SOUTH INDIAN OCEAN (AREA-E80) CENTERED NEAR 18.7S / 73.7E (.) INTENSITY T4.5/4.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 64-89 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 17.0S TO 23.0S LONG 70.0E TO 76.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA YELLOW SEA EXT S MYANMAR S THAILAND GULF OF THAILAND CAMBODIA S VIETNAM SUMATRA 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 3.0S TO 25.0S LONG 40.0E TO 80.0E AND BET LAT 5.0N TO 18.0S LONG 80.0E TO 110.0E (.)

TOO 13/0940 HRS IST=

**NNNN** 

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%)
	SCT	SCATTERED (25 TO 50%)
CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
		SOLID (GREATER THAN 75%)
	SLD	, ,
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE
	WK CONVTN	WEAK CONVECTION
	WKCONVIN	(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- DIVISIONS, STATES & UNION TERITORIES	ARUPR	ARUNACHAL PRADESH
	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
	РЈВ	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