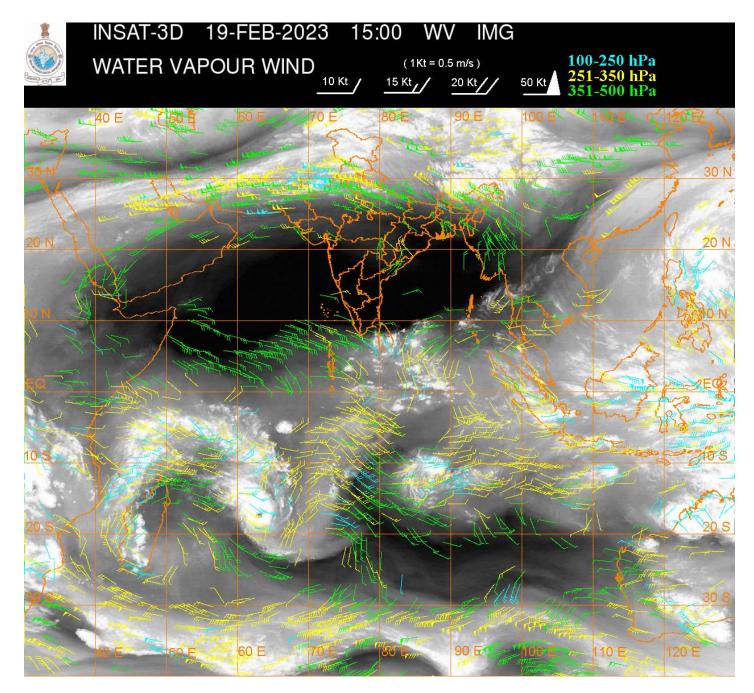


#### TCIN50 DEMS 191500 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 191500 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER E IRAN AFGAN PAK J&K LADAKH HP PJB NW RAJ HARY DLH NW UP AND N/HOOD IN ASSW WESTERLY JET STREAM / WD OVER THE AREA (.)



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

## NORTH:-

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

## EAST:-

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

## WEST:-

SCT LOW/MED WITH EMBDD ISOL WK TO MOD CONVTN OVER NW RAJ (.)

## SOUTH:-

ISOL TO SCT LOW/MED CLOUDS OVER N COTL AP SIK KER TN NICOBAR ILS (.)

## ARABIAN SEA:-

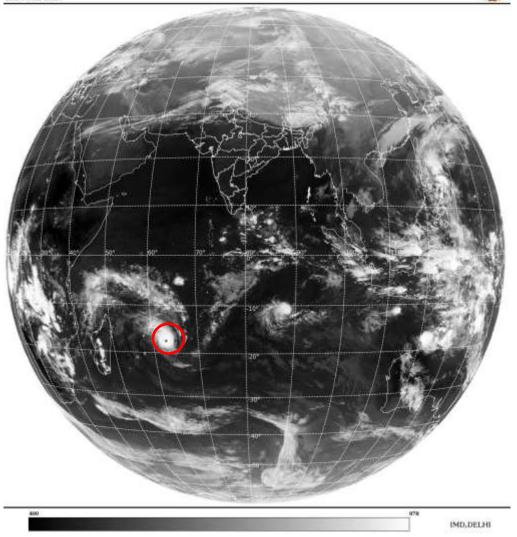
SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER COMORIN AREA (.)

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

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

# **CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SAT : INSAT-3D IMG Thermal Infrared1 Count 10.8 um L18 FULL DISK 19-02-2023/(1500 to 1526) GMT 19-02-2023/(2030 to 2056) IST



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

VORTEX (FREDDY) OVER SOUTH INDIAN OCEAN (AREA D60 ADJ D40) CENTERED NEAR 17.4S / 63.2E (.) INTENSITY T7.0/7.0 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 120 KTS & ABOVE (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 14.0S TO 19.0S LONG 61.0E TO 65.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA PAK TIBET CHINA BHUTAN TAIWAN GULF OF THAILAND CAMBODIA SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA E CHINA SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET EQ TO LAT 20.0S LONG 45.0E TO 70.0E AND BET LAT 5.0N TO 13.0S LONG 70.0E TO 114.0E (.)

#### TOO 19/2130 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%)
	SCT	SCATTERED (25 TO 50%)
CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	СТТ	CLOUD TOP TEMPERATURE
	WK CONVTN	WEAK CONVECTION
CONVECTION		(CTT GREATER THAN -25°C)
	MOD CONVTN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)
	INT CONVTN	INTENSE CONVECTION
	V INT CONVTN	(CTT BETWEEN -41°C TO -70°C) VERY INTENSE CONVECTION
	ARUPR	(CTT LESS THAN -70°C) ARUNACHAL PRADESH
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES		
	BHR	BIHAR
	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
	МР	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

1		
	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