SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
25.03.2024 TIME 0000 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
L1C Mercator

25-03-2024/(0000 to 0026) GMT
25-03-2024/(0530 to 0556) IST

IMD,DELHI
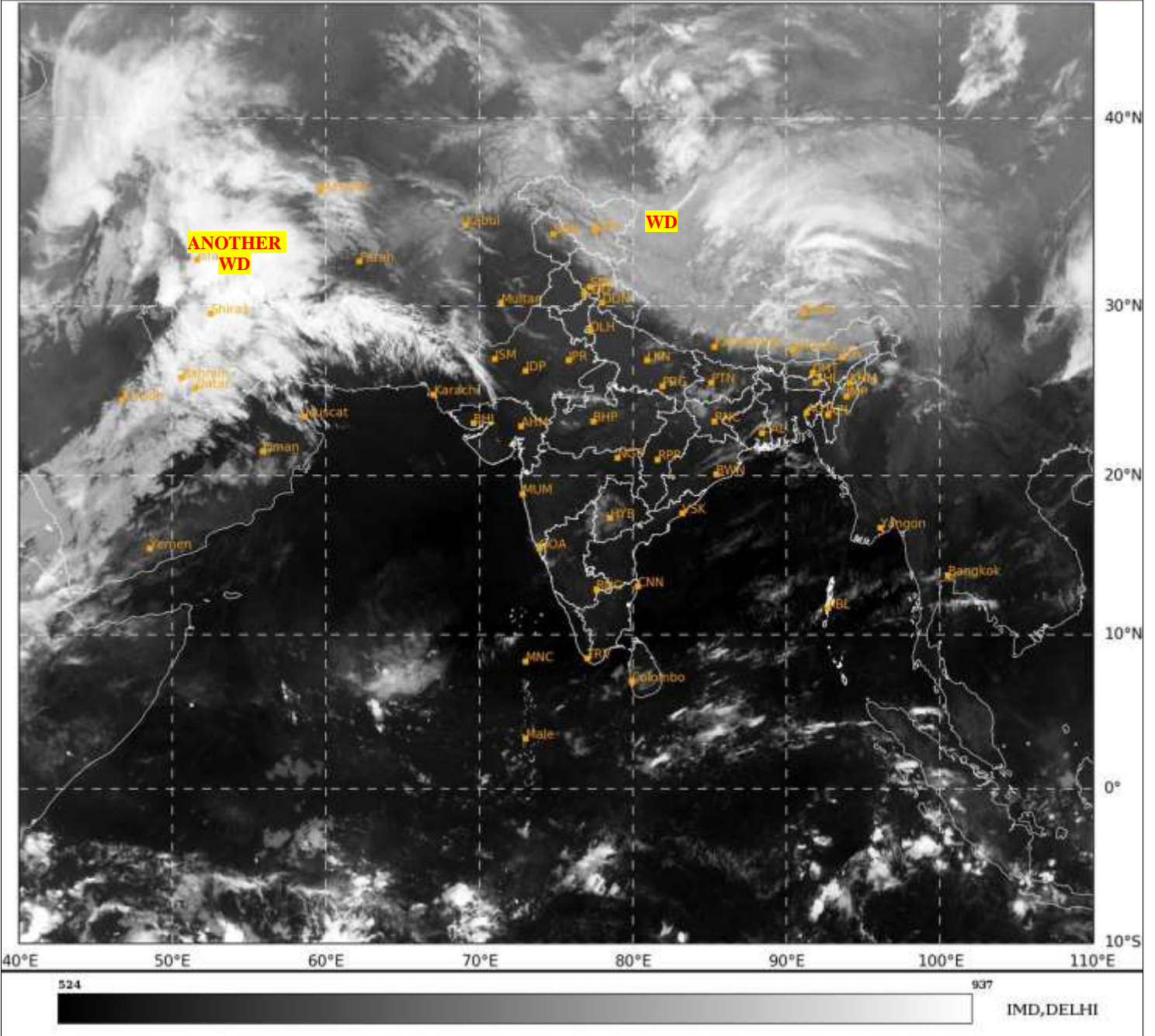
TCIN50 DEMS 250000
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 250000 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 30.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND HARY DLH N RAJ UP NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

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

INSAT-3D 25-MAR-2024 00:30 WV IMG
WATER VAPOUR WIND (1Kt = 0.5 m/s)
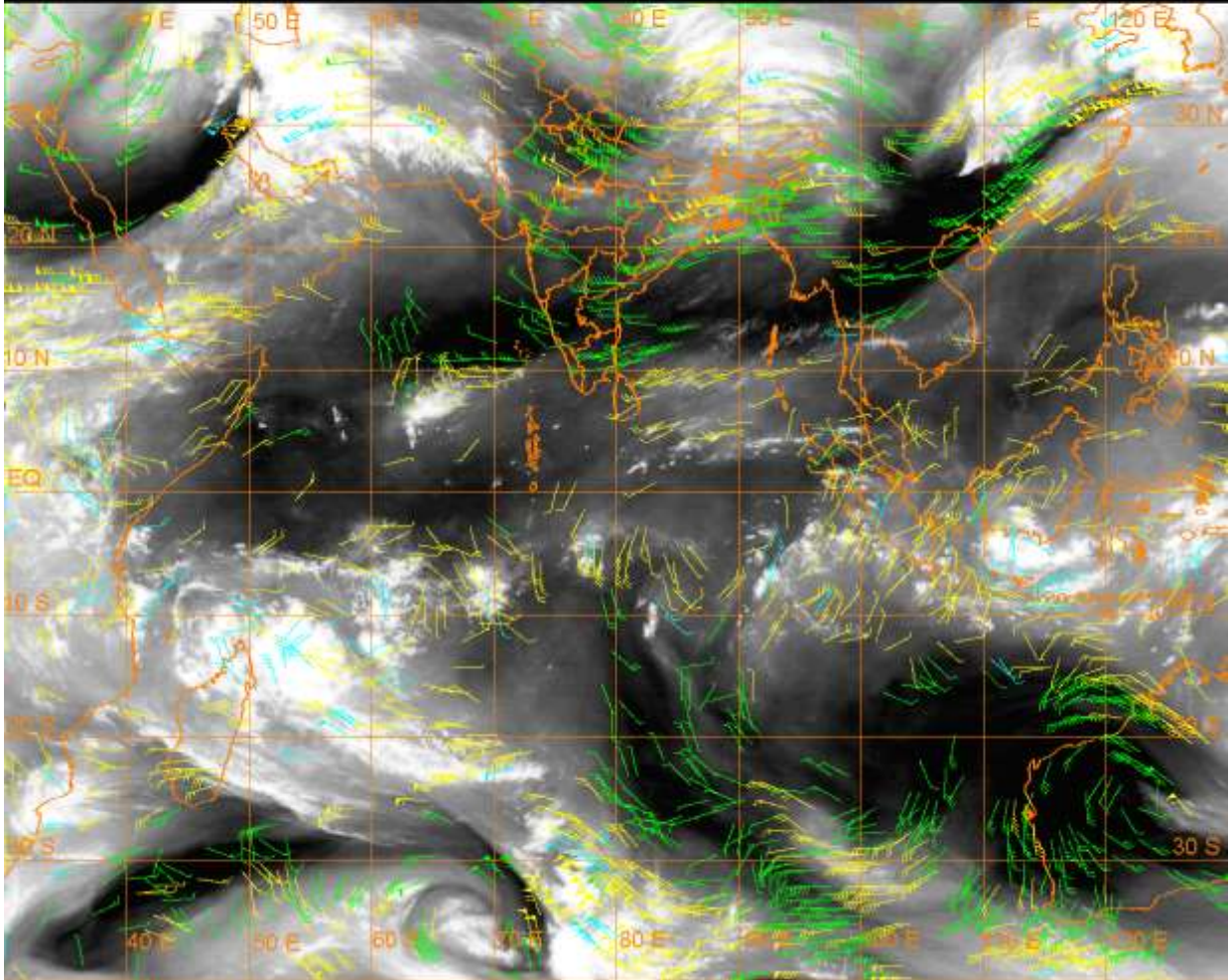10 Kt   15 Kt   20 Kt   50 Kt
100-250 hPa
251-350 hPa
351-500 hPa

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S BHR NW JHRKND NE ORS S GWB SOUTH SKM ARUPR N ASSAM & SW BD (.) ISOL LOW/MED CLOUDS OVER N BHR S JHRKND N CHTGH N SHWB GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT PARTS OF RAJ NW MP (.) SCT LOW/MED CLOUDS OVER REST RAJ W GUJ E MP MAHA & GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER NIK W TLNGN (.) SCT LOW/MED CLOUDS OVER RYLSM N COTL AP KER TN ANDAMAN ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SOUTH-CENTRAL ARSEA (.)
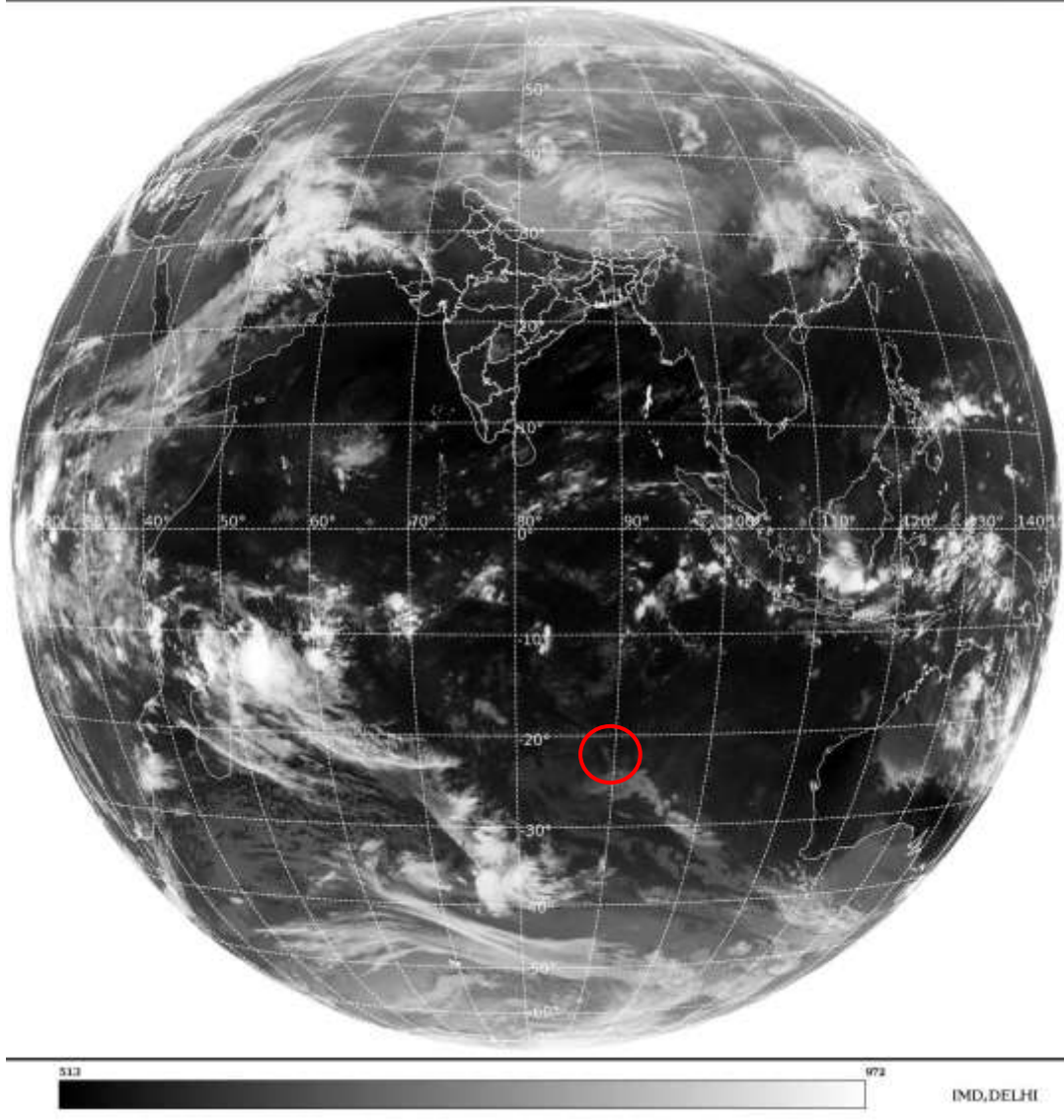
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER EXT NORTH BAY SOUTH ADJ EC BAY AND NORTH ANDAMAN SEA (.)

CLOUDS DESRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

25-03-2024/(0030 to 0056) GMT
25-03-2024/(0600 to 0626) IST

513
972

IMD,DELHI

VORTEX (NEVILLE) OVER SOUTH INDIAN OCEAN:-

VORTEX (NEVILLE) OVER SOUTH INDIAN OCEAN (AREA E95 ADJ H00) CENTERED 23.6S / 87.5E (.) INTENSITY T1.0/1.5 (.) ASSOCIATED MAXIMUM SUSTAINED WINDS OF 17-27 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER AREA BET LAT 23.0S TO 31.0S LONG 88.0E TO 99.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA EXT S MYANMAR GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO JAVA ILS & SEA CELEBES ILS & SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 30.0S LONG 40.0E TO 100.0E (.)

TOO 25/0715 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES

	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE
CONVECTION	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN –25°C)
	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
	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 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