



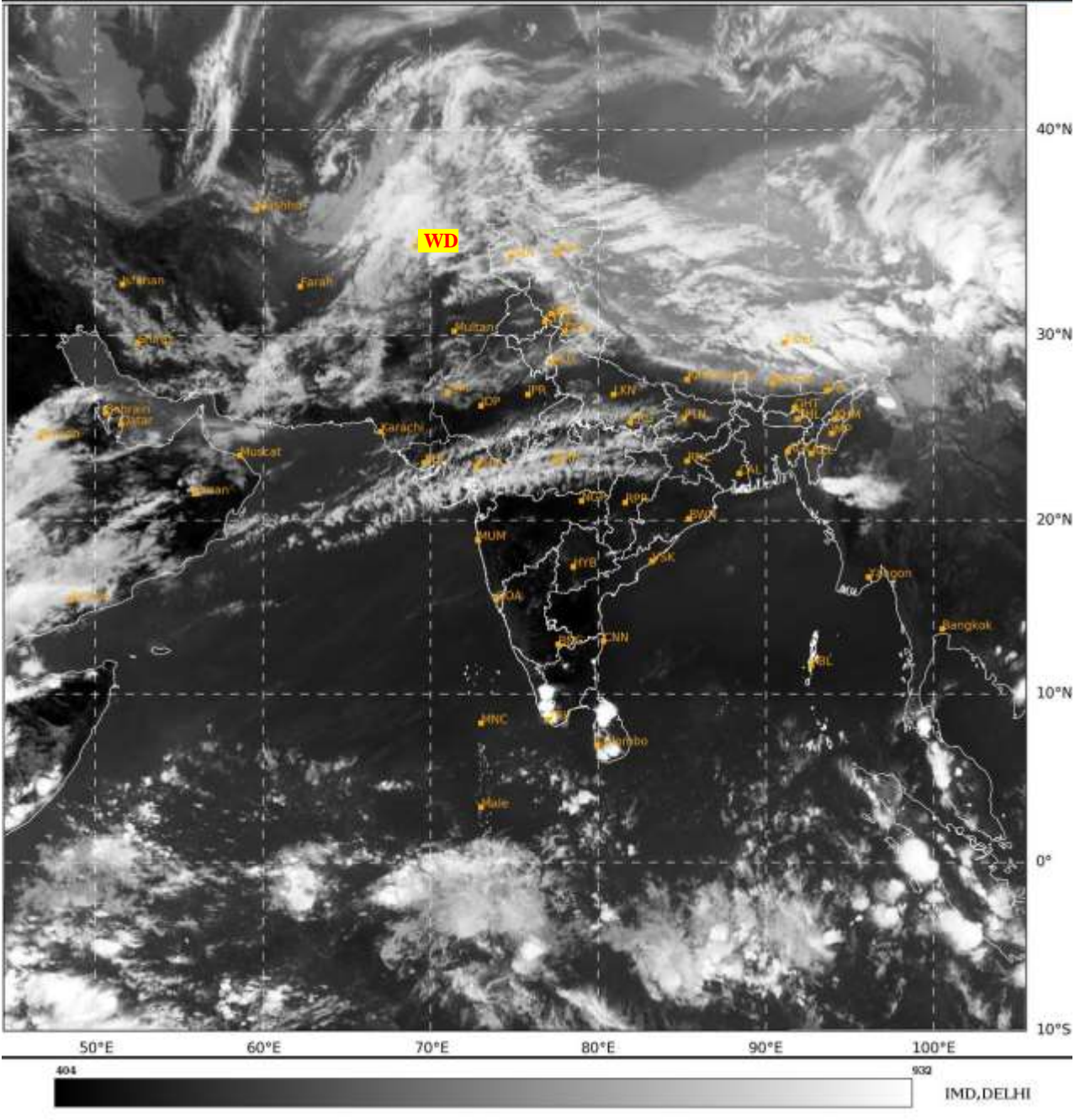
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
02.04.2024 TIME 1500 UTC

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

02-04-2024/(1200 to 1226) GMT
02-04-2024/(1730 to 1756) IST



TCIN50 DEMS 021500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 021500 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER AFGAN PAK LADAKH J&K HP UTRKND TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM/ CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER S KER S TN (MINIMUM CTT MINUS **70** DEG CEL) EXT S ASSAM (MINIMUM CTT MINUS **75** DEG CEL) ARUPR MANI (MINIMUM CTT MINUS **65** DEG CEL) (.)



INSAT-3D 02-APR-2024 15:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

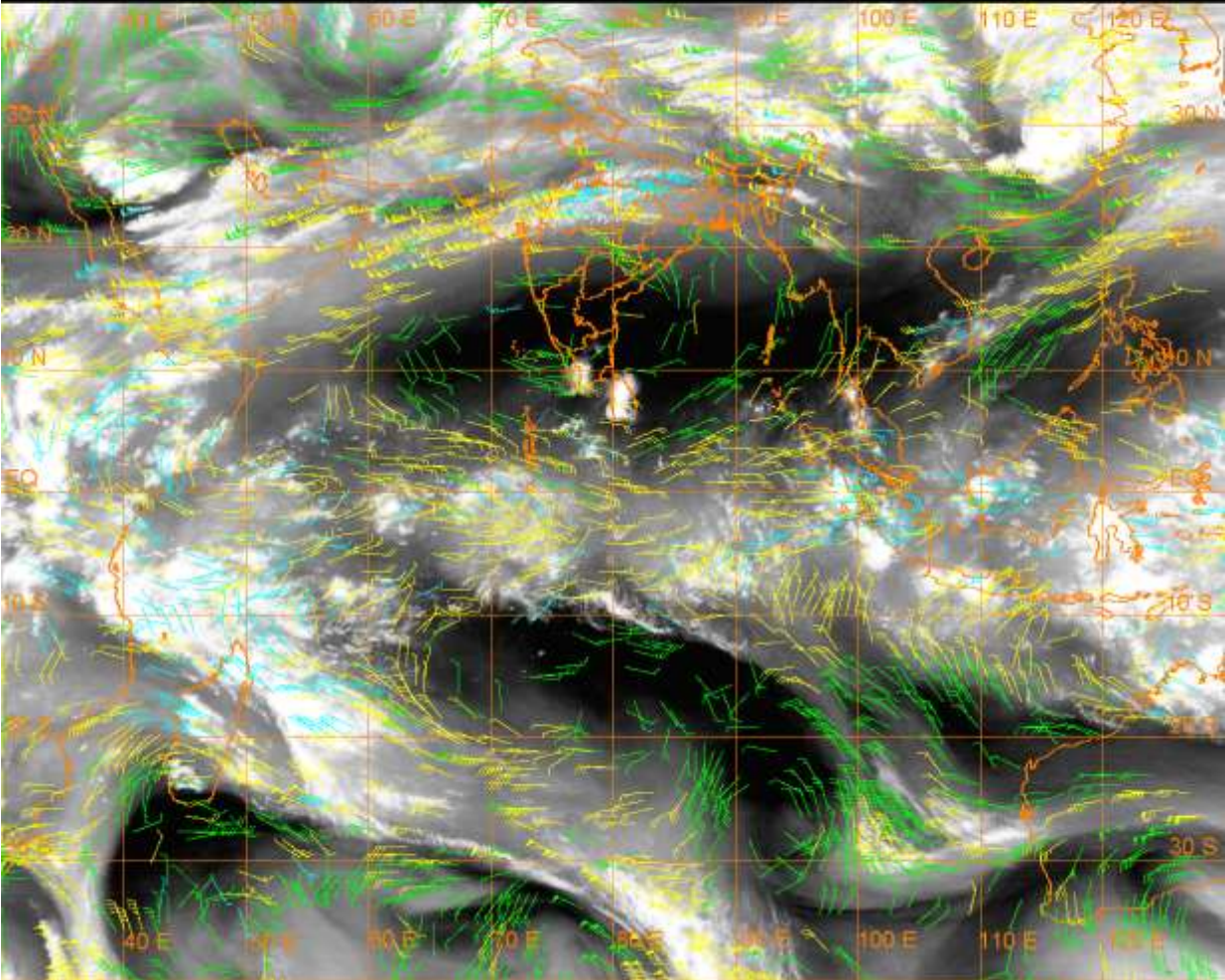
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER EXT S ASSAM (MINIMUM CTT MINUS **75** DEG) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ARUPR MANI (MINIMUM CTT MINUS **65** DEG) AND WK TO MOD CONVTN OVER CHTGH BHR ADJ N JHRKND SKM NE ASSAM (.) SCT LOW/MED CLOUDS OVER ORS REST JHRKND SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER GUJ MP AND ISOL WK TO MOD CONVTN OVER RAJ (.) SCT LOW/MED CLOUDS OVER MAHA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER S KER S TN (MINIMUM CTT MINUS **70** DEG) (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N TN (.) SCT LOW/MED CLOUDS OVER TLNGN N RYLSM N COTL AP KRNTK N KER & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N ARSEA AND SOUTH PARTS OF S ARSEA (.)

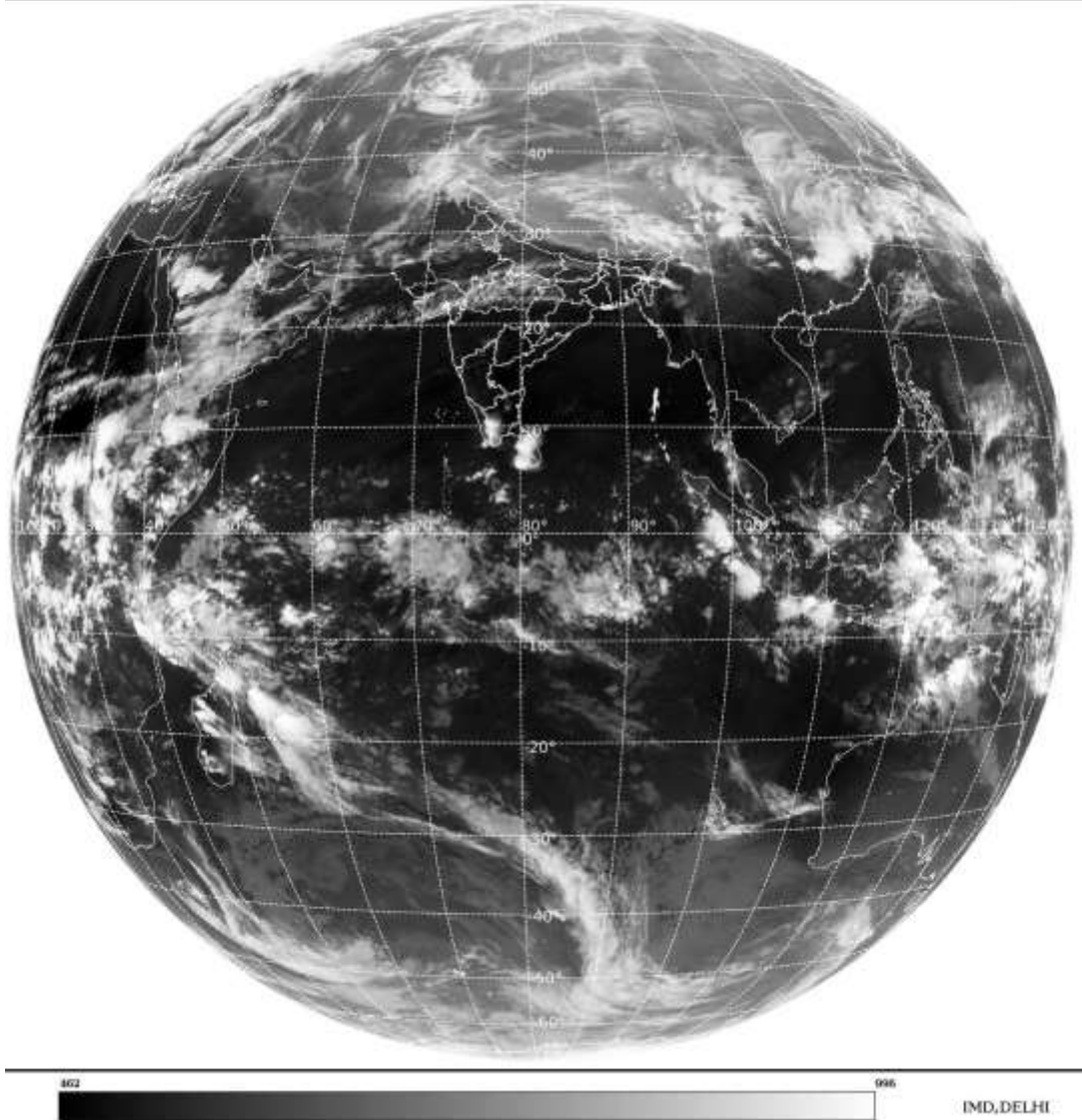
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER EXT SE BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

02-04-2024/(1500 to 1526) GMT
02-04-2024/(2030 to 2056) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA S MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA N MYANMAR SOUTH VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 110.0E AND BET LAT 10.0S TO 30.0S LONG 50.0E TO 80.0E (.)

TOO 02/2130 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 TERRITORIES	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