



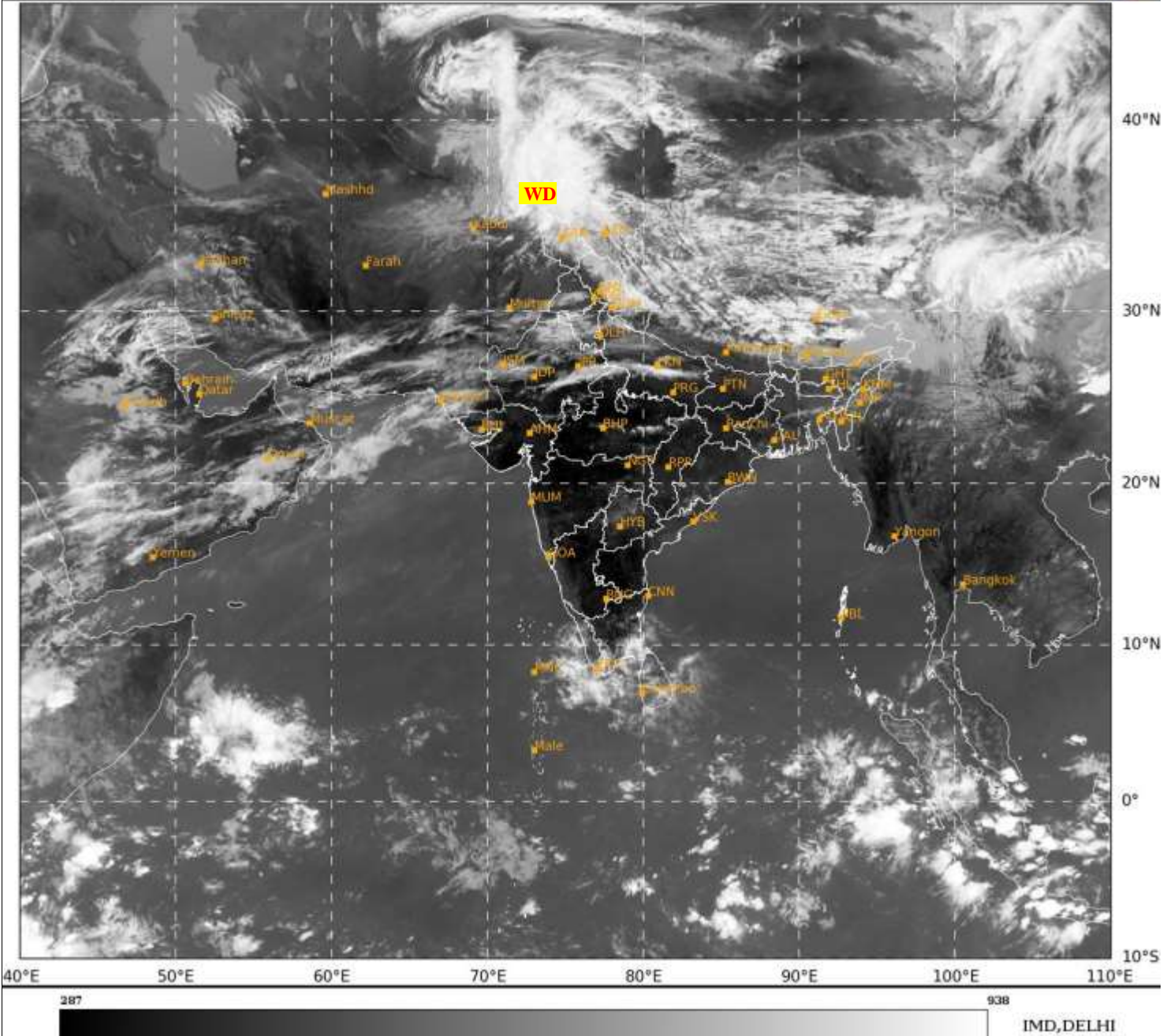
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
03.04.2024 TIME 0600 UTC

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

03-04-2024/(0615 to 0642) GMT
03-04-2024/(1145 to 1212) IST



TCIN50 DEMS 030600

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 030615 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 N PAK LADAKH J&K HP UTRKND PJB AND TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM/ CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER LADKAH NW J&K N UTRKND E UP (MINIMUM CTT MINUS **58** DEG) (.)



INSAT-3DR 03-APR-2024 05:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

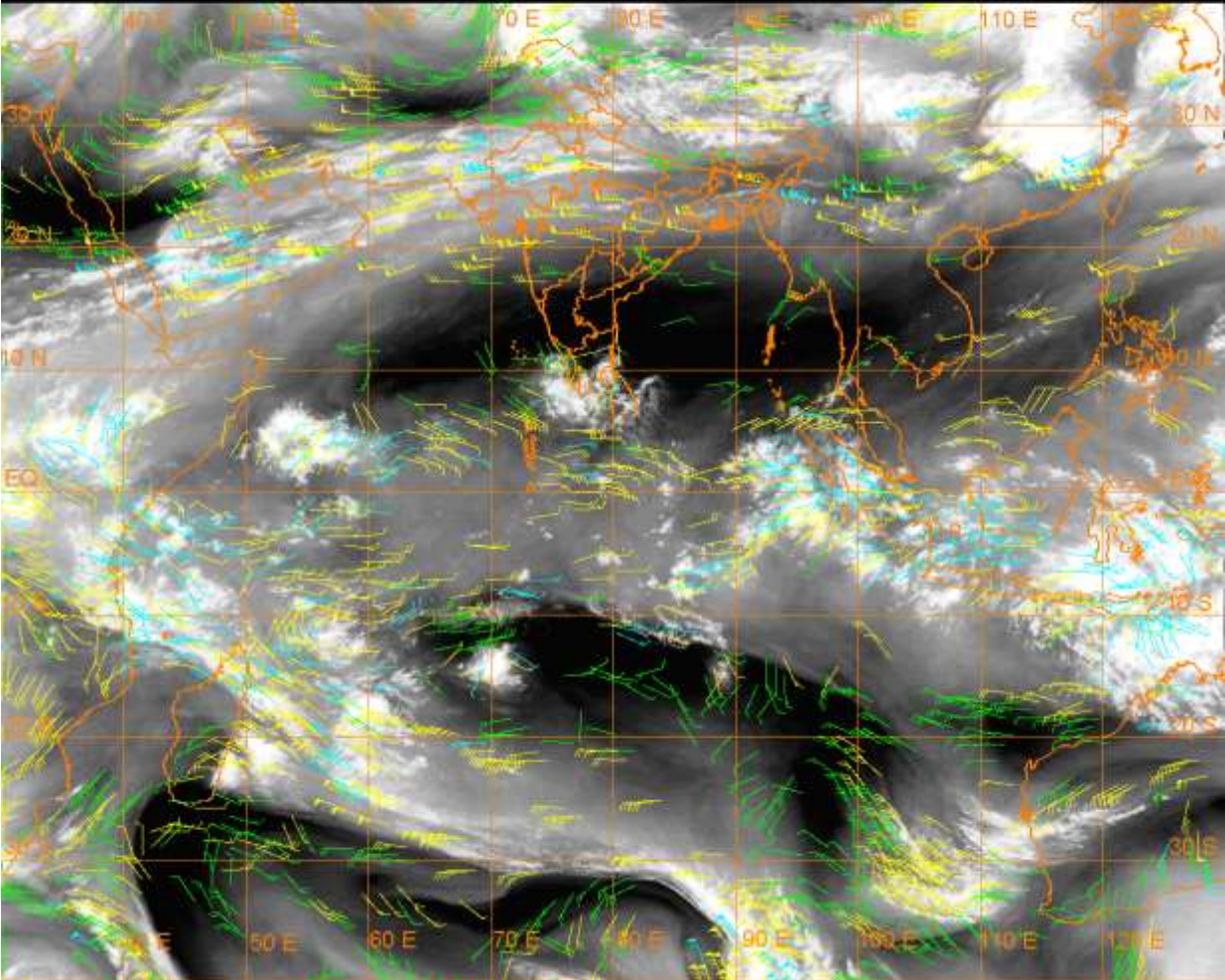
20 Kt

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 HP UTRKND E UP AND ISOL WK TO MOD CONVTN OVER C PJB HARY DLH W UP (.) SCT LOW/MED CLOUDS OVER REST PJB (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER ARUPR MANI MIZO N TRP S ASSAM MEGHA N CHTGH S ORS N JHRKND GWB & BD (.) SCT LOW/MED CLOUDS OVER S CHTGH N ORS BHR SHWB REST NE STATES (.)

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER KER S TN (.) SCT LOW/MED CLOUDS WITH WK TO MOD CONVTN OVER N TN TLNGN REST TN NICOBAR ILS LKSDP ILS (.) SCT LO/MED CLOUDS OVER ANDAMAN ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE & SW ARSEA OFF KER COAST & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N ARSEA (.)

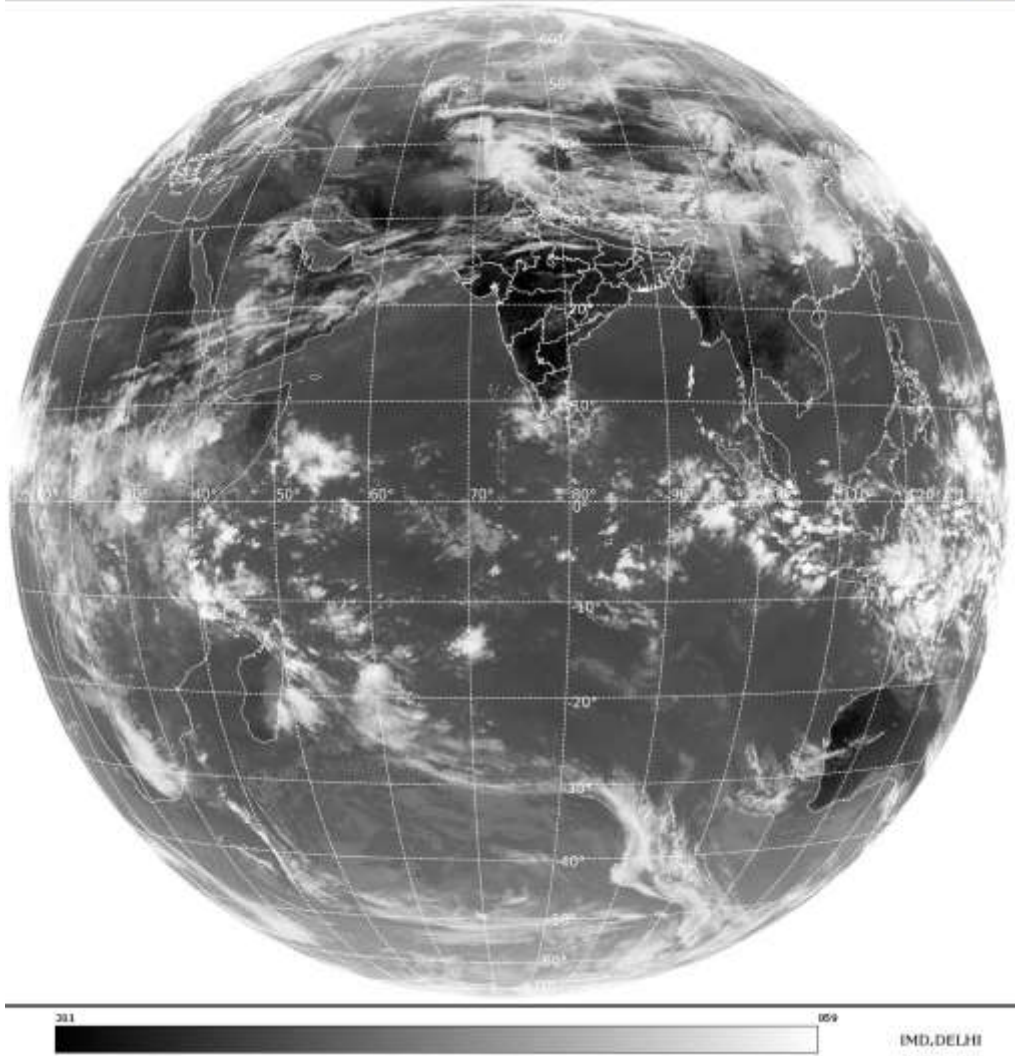
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3DR IMG
Thermal Infrared1 Count 10.8 um
LIB FULL DISK

03-04-2024(0615 to 0642) GMT
03-04-2024(1145 to 1212) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR PAK W NEPAL TIBET CHINA N MYANMAR SUMATRA STR OF MALACCA MALAYSIA BORNEO ADJ SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS EAST CHINA SEA YELLOW SEA 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 90.0E (.)

TOO 03/1250 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
	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN -25°C)

CONVECTION	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONV TN	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