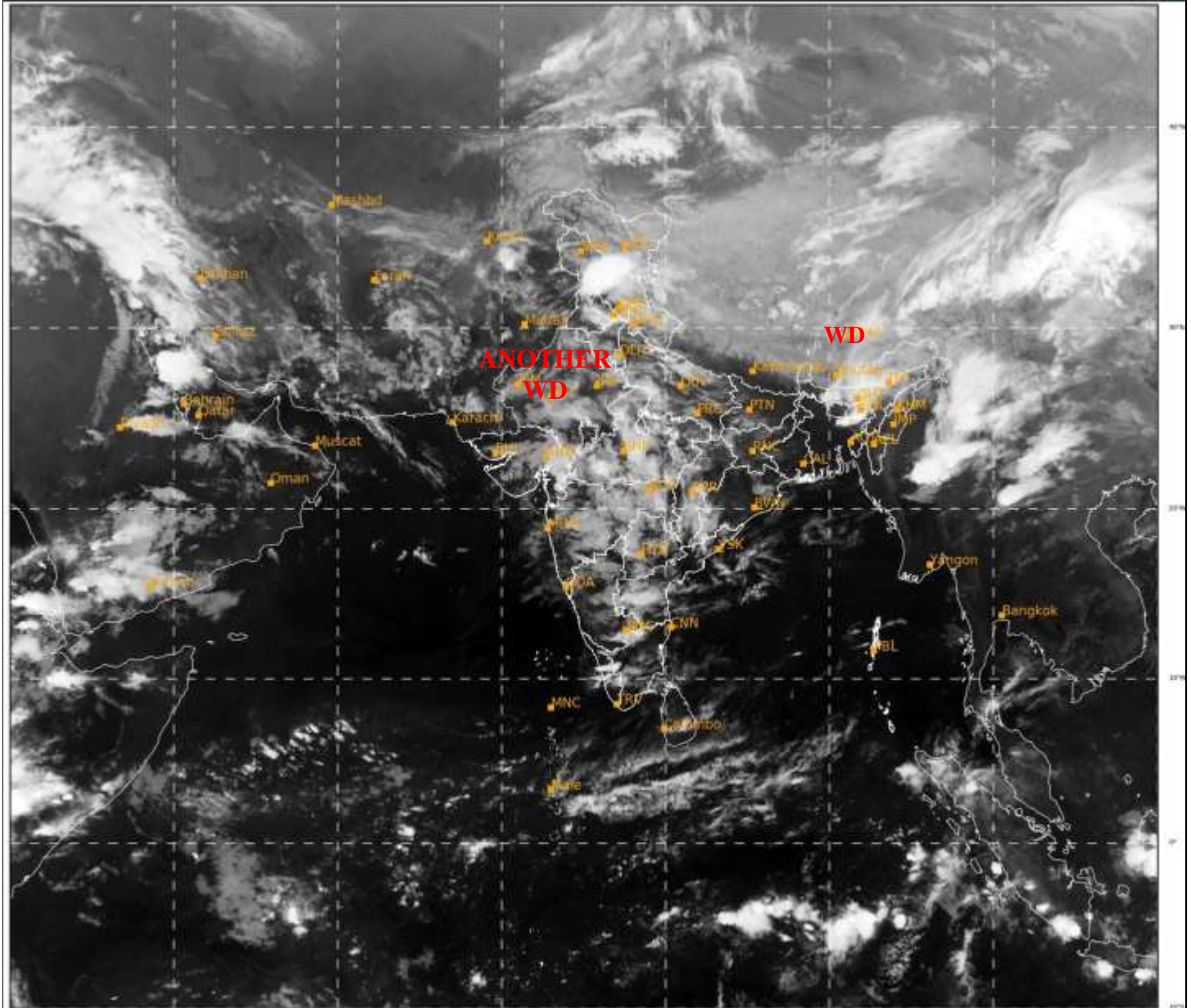




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
15.03.2023 TIME 1800 UTC

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

15-03-2023/(1700 to 1726) GMT
15-03-2023/(2230 to 2256) IST



529

983

IMD, DELHI

TCIN50 DEMS 151800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 151700UTC (.)

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 TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

SCT TO BKN MULTILAYERED CLOUDS OVER AFGAN PAK LADAKH J&K HP UTRKND PJB HARY DLH UP MP RAJ GUJ IN ASSW **ANOTHER WD** OVER THE AREA (.)

CONVECTIVE/ THUNDERSTORM ACTIVITY:-

INTENSE CONVECTIVE/ THUNDERSTORM ACTIVITY OBSERVED OVER J&K S LADAKH N HP (MINIMUM CTT **MINUS 80** DEG CEL) W ASSAM MEGHA W ARUPR BHUTAN (MINIMUM CTT **MINUS 65** DEG CEL) (.)



INSAT-3D 15-MAR-2023 17:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

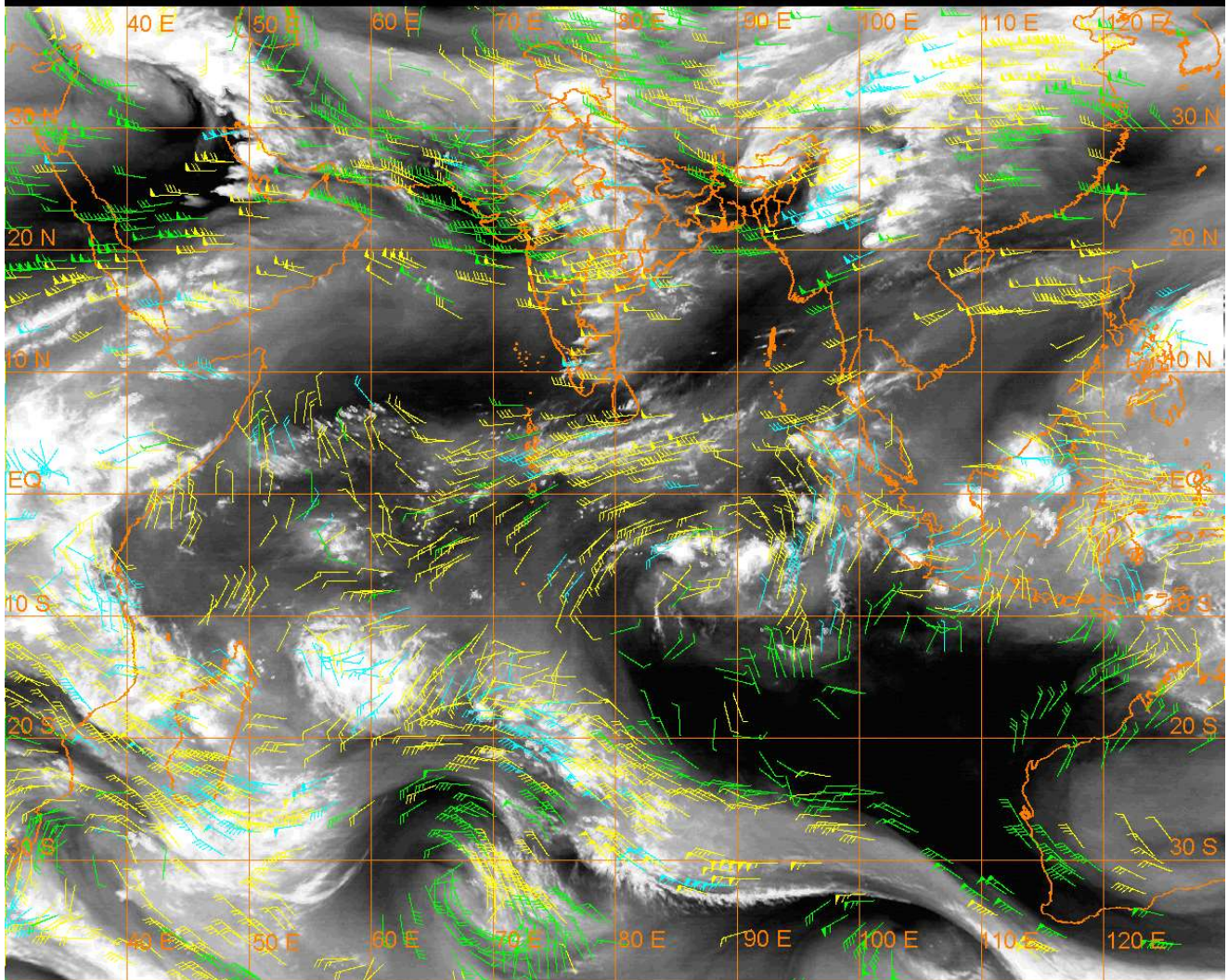
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER J&K S LADAKH N HP (MINIMUM CTT **MINUS 80** DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S HP PJB UTRKND W UP AND ISOL WK TO MOD CONVTN OVER REST LADAKH HARY DLH E UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER W ASSAM MEGHA ARUPR BHUTAN (MINIMUM CTT **MINUS 65** DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S CHTGH NE ASSAM AND ISOL WK TO MOD CONVTN OVER N CHTGH ORS SW BHR NW JHRKND SKM (.) SCT LOW/MED CLOUDS OVER REST BHR REST JHRKND GWB REST NE STATES (.)

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN RYLSMA COTL AP KRNTK KER TN (.) SCT LOW/MED CLOUDS OVER ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

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

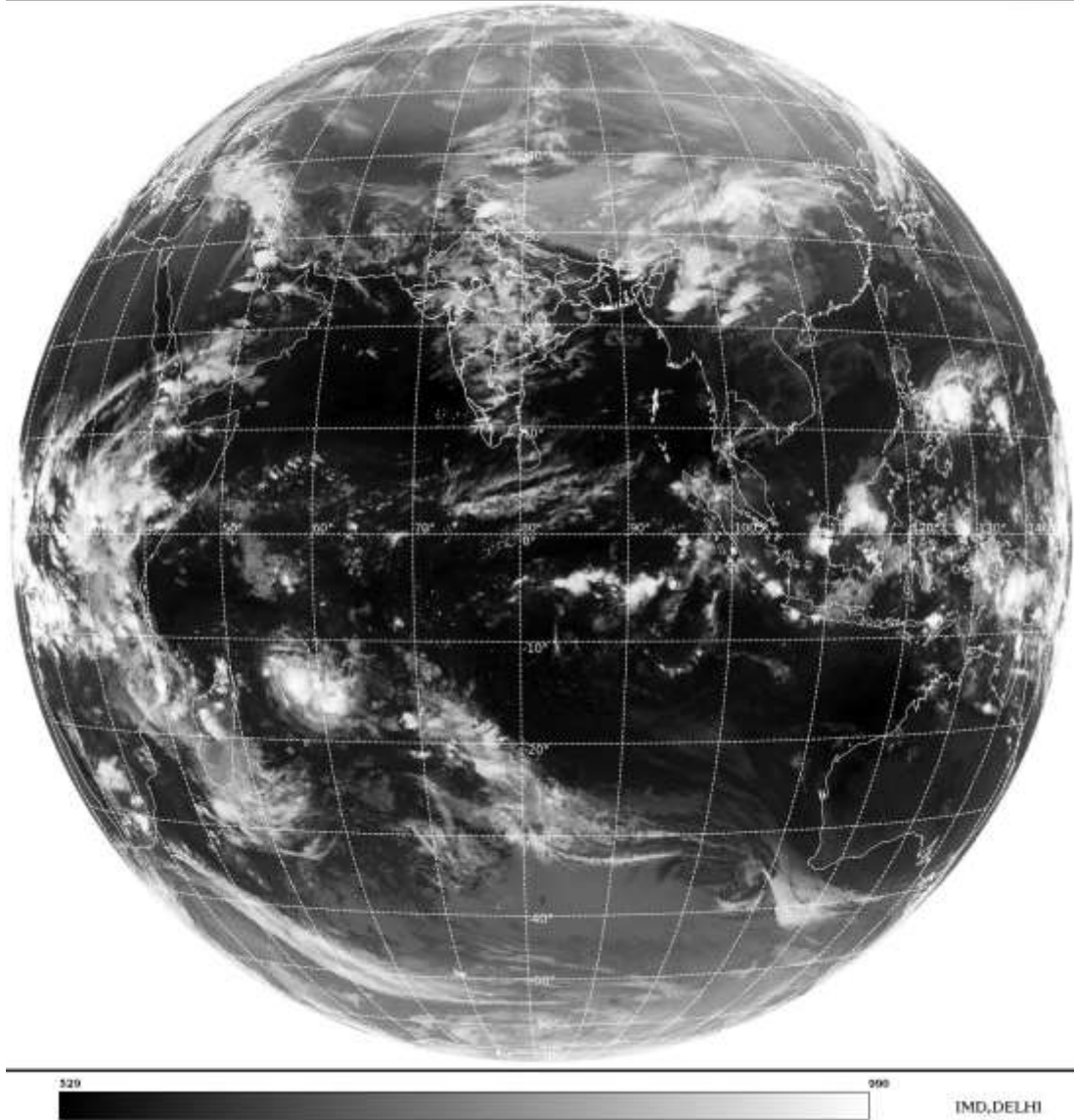
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER WC & SOUTH BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

15-03-2023/(1700 to 1726) GMT
15-03-2023/(2230 to 2256) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRILANKA PAK BHUTAN TIBET CHINA N MYANMAR S THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 100.0E AND BET LAT 10.0S TO 30.0S LONG 40.0E TO 90.0E (.)

TOO 15/2330 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
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