



**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
 AND PRODUCTS**

05.05.2021 TIME 1800 UTC

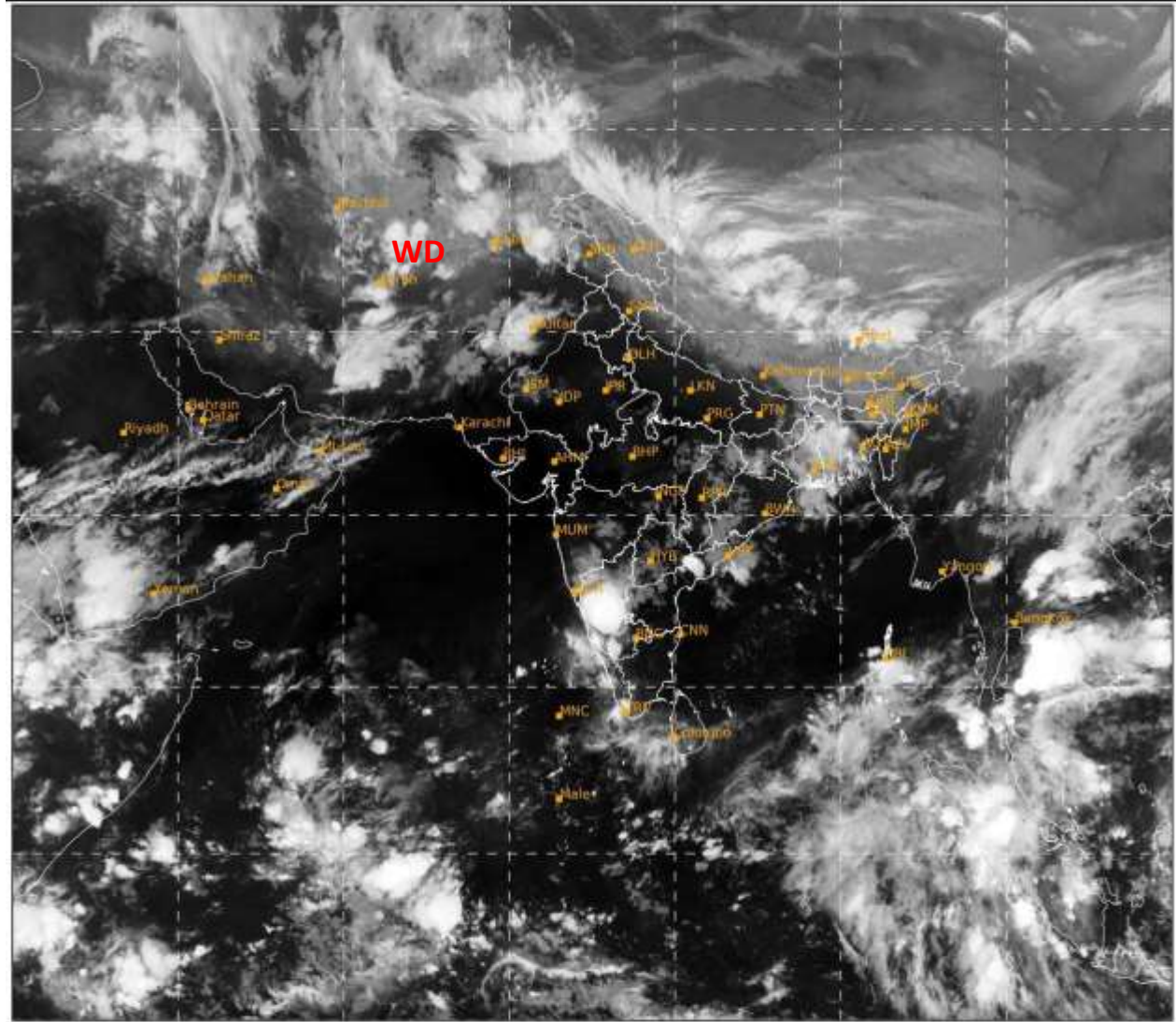
SAT : INSAT-3D IMG
 IMG_TIR1 10.8 um
 LIC Mercator

05-05-2021/(1700 to 1726) GMT
 05-05-2021/(2230 to 2256) IST



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 IMG_TIR1 10.8 um
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TCIN50 DEMS 051800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 051700 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

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



INSAT-3D 05-MAY-2021 17:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

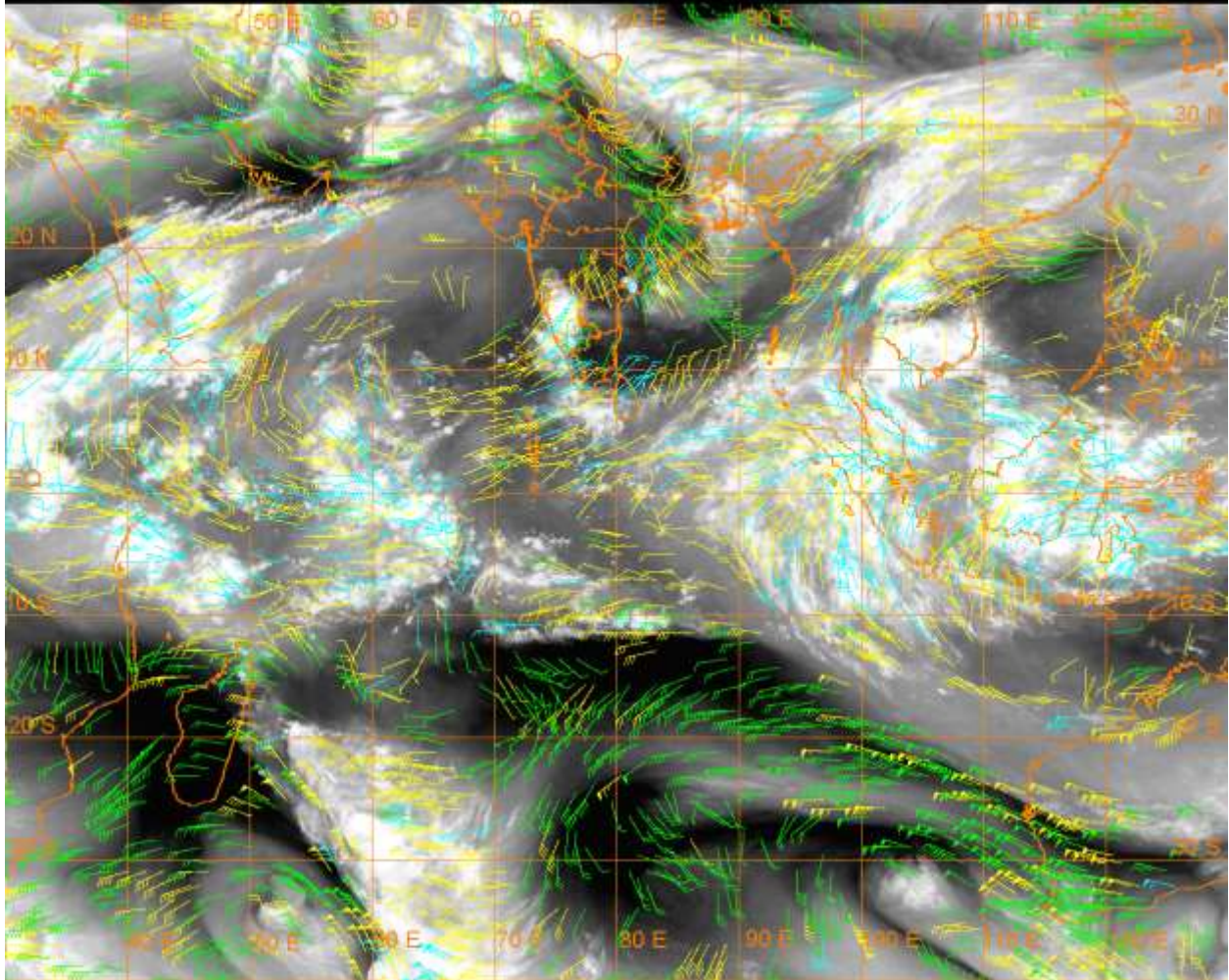
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GWB & BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER JHRKND CHTGH ORS E BHR REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST BHR (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH MAHDYA MAHA S KKN E MP WC RAJ (.) ISOL LOW/MED CLOUDS OVER REST MAHA NE RAJ N MP GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KRNTK ANDAMAN ILS (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N COTL AP EXT E TLNGN KER (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST AP REST TLNGN S TN (.) SCT LOW/MED CLOUDS OVER RYLSM REST TN LKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ARSEA COMORIN (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER EXT NW ARSEA (.)

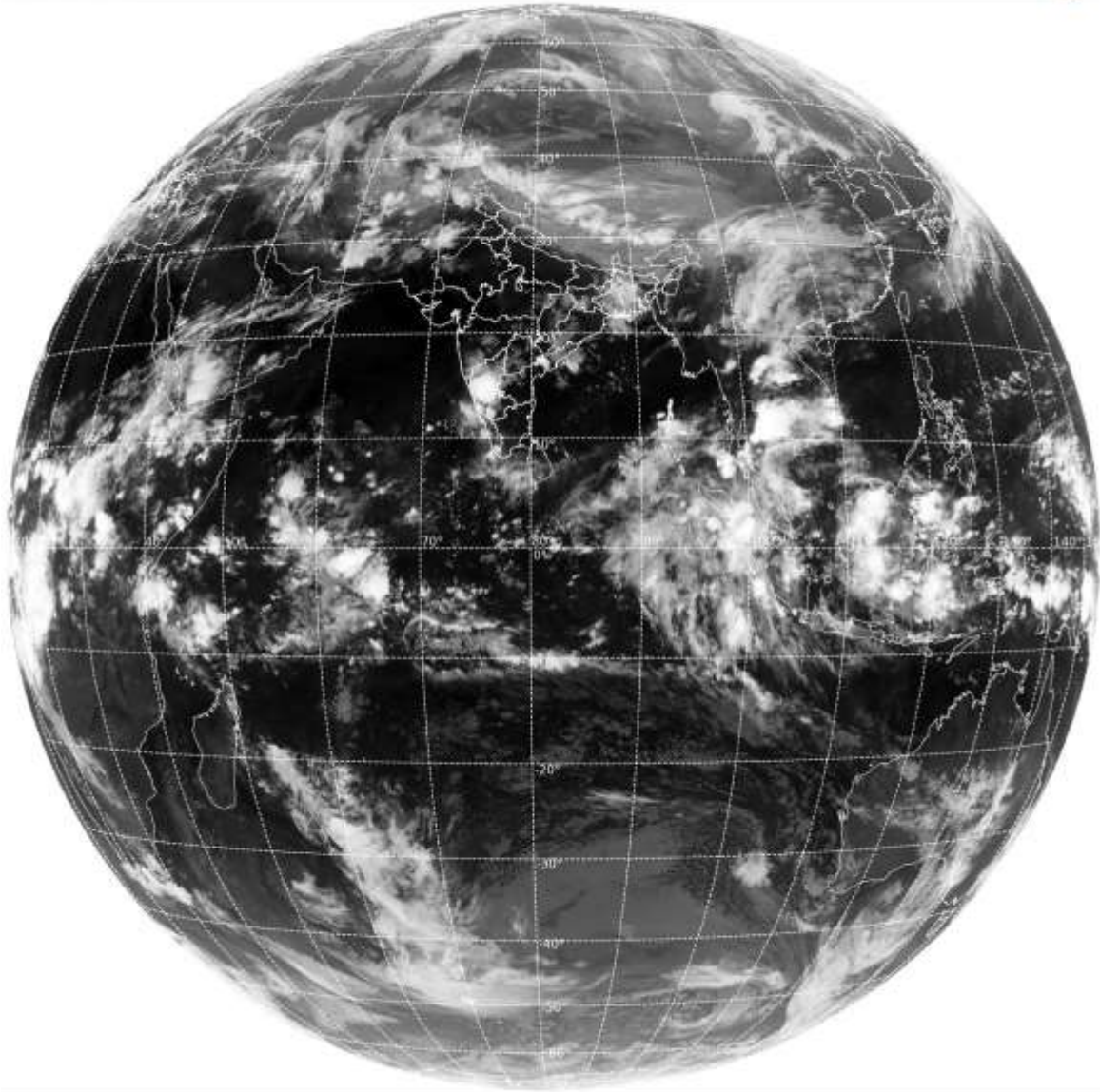
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ADJ EQUATORIAL INDIAN OCEAN & ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY AND ALSO OVER SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

05-05-2021/(1700 to 1726) GMT
05-05-2021/(2230 to 2256) IST



481

977

IMD, DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK SRI LANKA GULF OF MANNAR NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND LAOS CAMBODIA N VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 102.0E AND BET LAT 10.0N TO 30.0S LONG 50.0E TO 100.0E (.)

TOO 05/2310F=

NNNN

LEGEND:-

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