



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

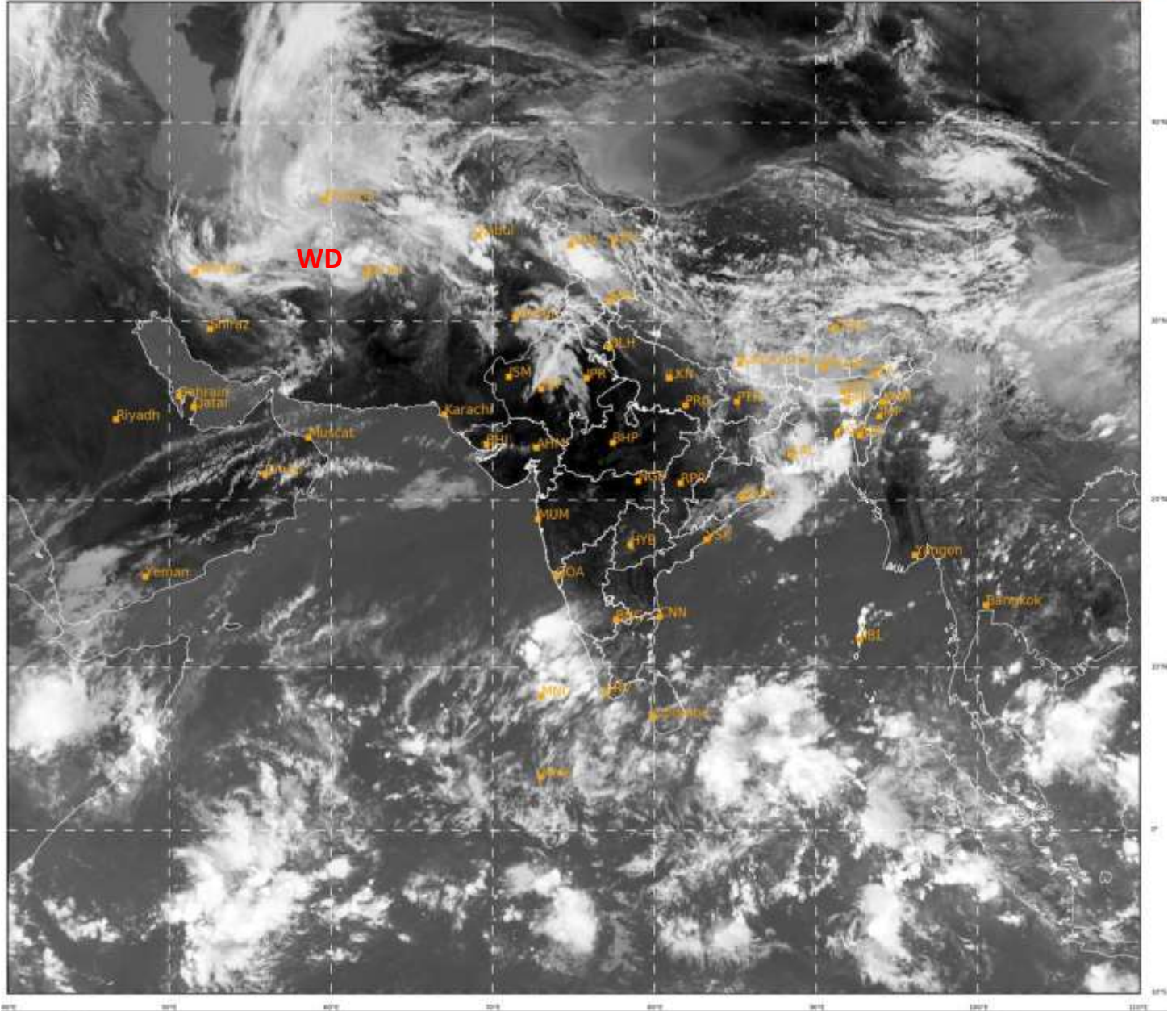


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

04.05.2021 TIME 0600 UTC

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

04-05-2021/(0600 to 0626) GMT
04-05-2021/(1130 to 1156) IST



298

932

IMD, DELHI

TCIN50 DEMS 040600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 040600 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 E IRAN AFGAN PAK & N/HOOD IN ASSW **WD** OVER THE AREA (.)



INSAT-3DR 04-MAY-2021 05:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

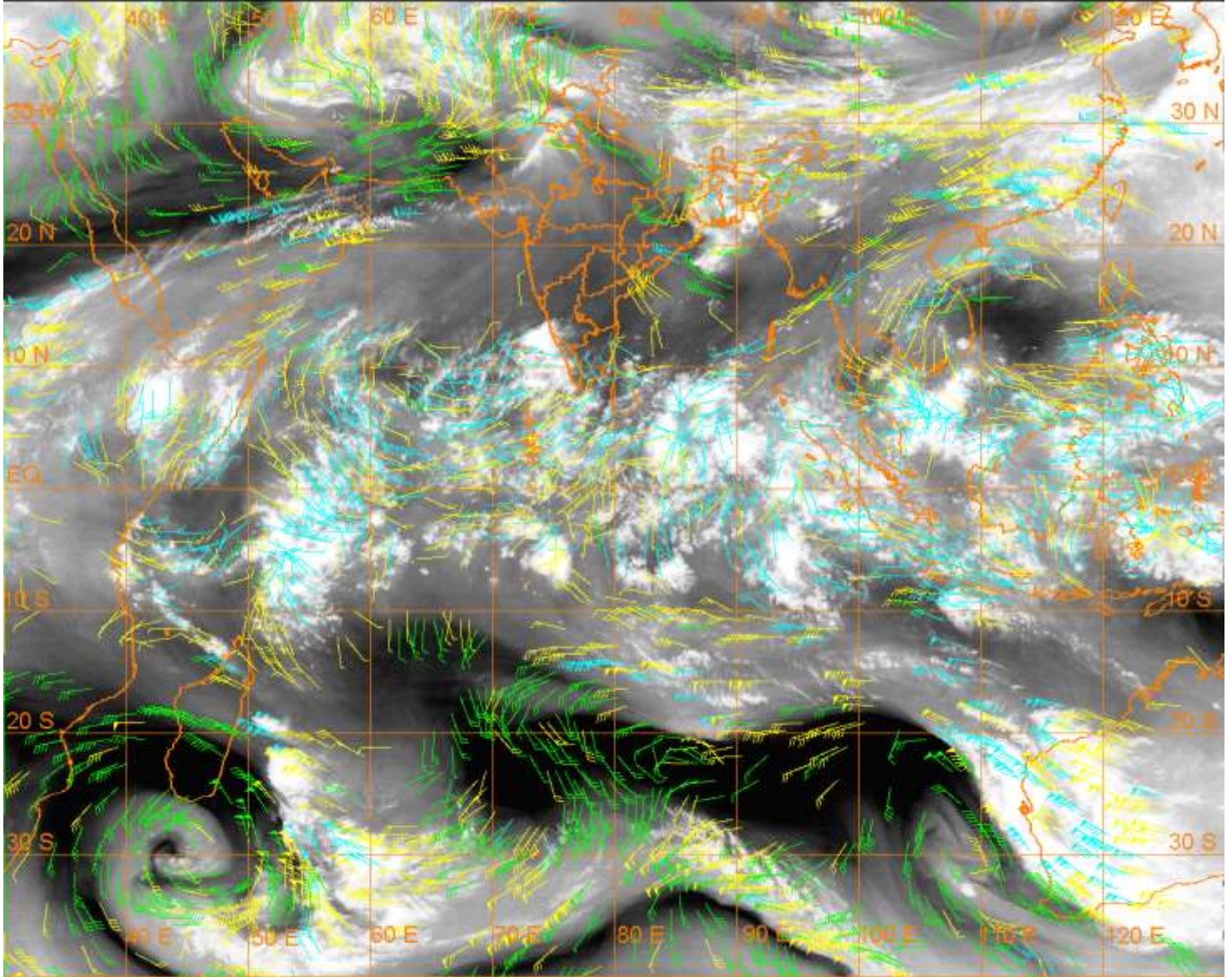
20 Kt

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E GWB W ASSAM E MEGHA
TRP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EAST BHR EAST
JHRKND COTL CHTGH REST GWB SHWB SKM REST NE STATES (.) ISOL LOW/MED CLOUDS
OVER REST BHR REST JHRKND N CHTGH C ORS (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER W RAJ (.) SCT
LOW/MED CLOUDS OVER E RAJ C GUJ (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER LKSDP ILS (.) SCT
LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SIK KER ANDAMAN ILS
(.) SCT LOW/MED CLOUDS OVER TN N COTL AP NICOBAR ILS (.)

ARABIAN SEA:-

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA OFF KER COAST
(.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S ARSEA (.)**

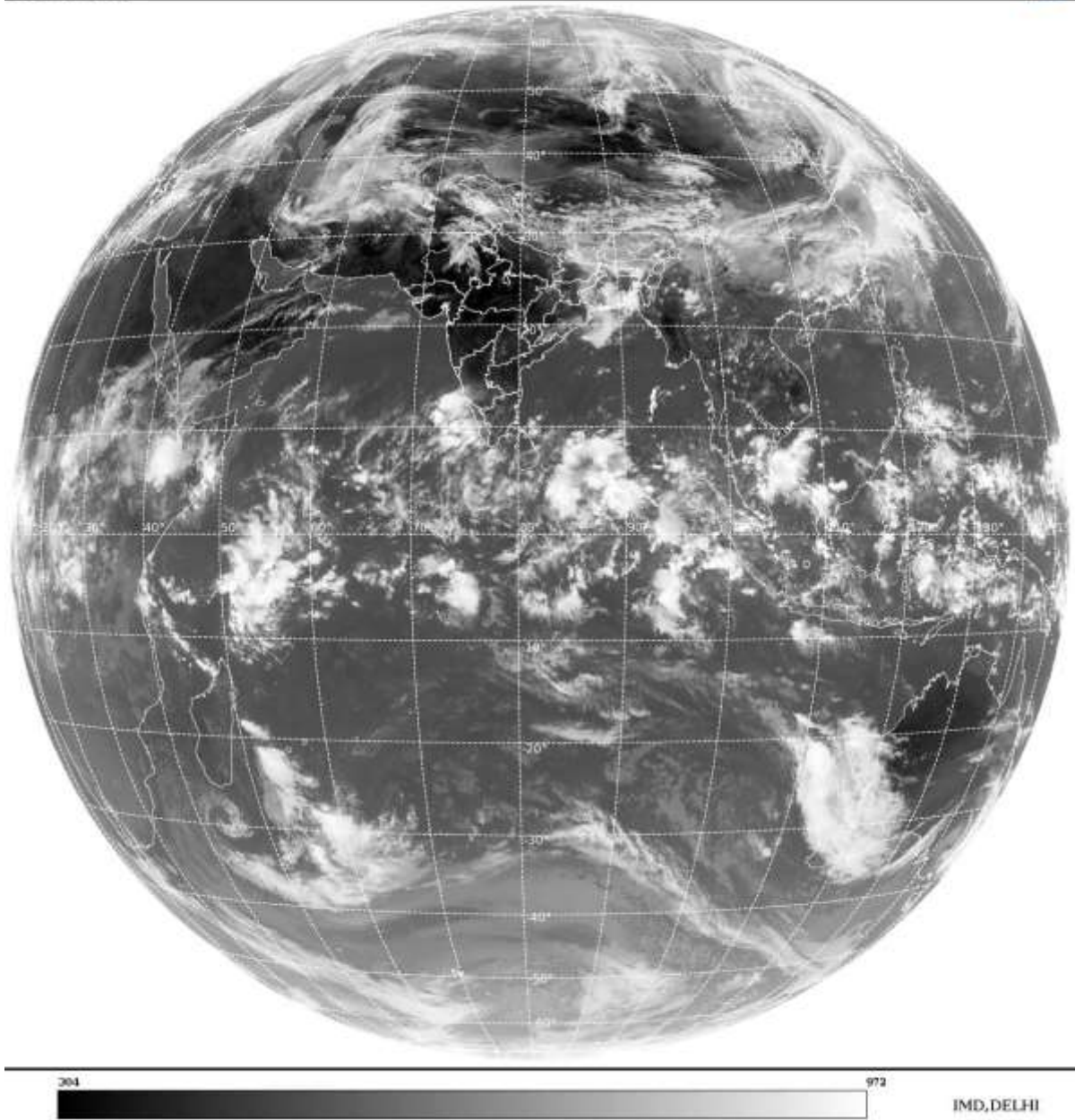
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

04-05-2021/(0600 to 0626) GMT
04-05-2021/(1130 to 1156) IST



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA MALDIEVES
PAK NEPAL BHUTAN TIBET CHINA N MYANMAR N THAILAND LAOS N VIETNAM SUMATRA
STR OF MALACCA MALA PENINSULA BORNEO S CHINA SEA JAVA ILS CELEBES ILS & SEA
PHILIPPINES HAINAM TAIWAN E CHINA SEA YELLOW SEA N MADAGASCAR AND OVER
INDIAN OCEAN BET 5.0N TO LAT 15.0S LONG 40.0E TO 100.0E (.)**

TOO 04/1210EF=

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