



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

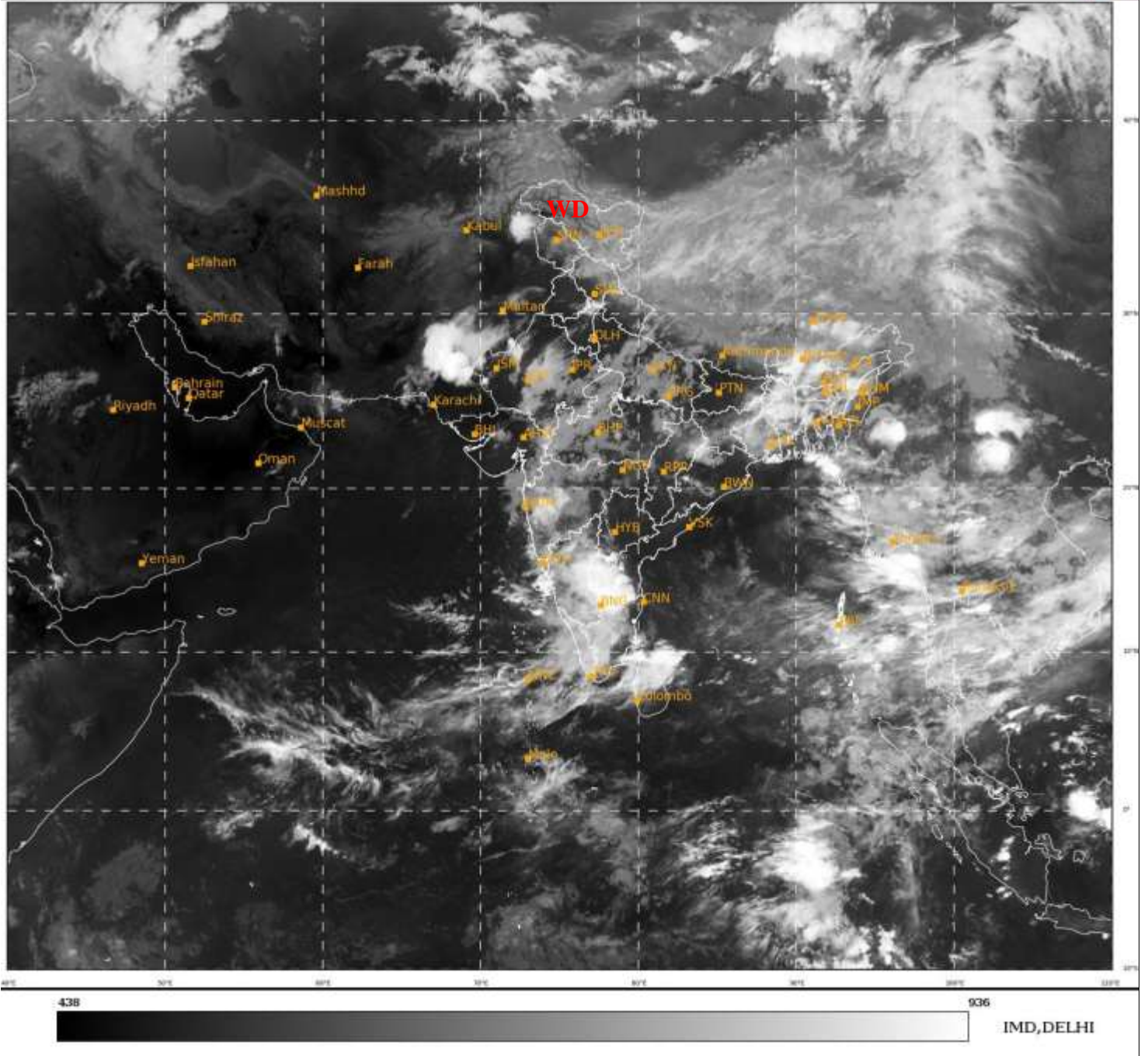


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

05.06.2021 TIME 1800 UTC

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

05-06-2021/(1745 to 1812) GMT
05-06-2021/(2315 to 2342) IST



TCIN50 DEMS 051800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 051800 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 LADAKH J&K N HP N UTRKND TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)



INSAT-3DR 05-JUN-2021 17:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

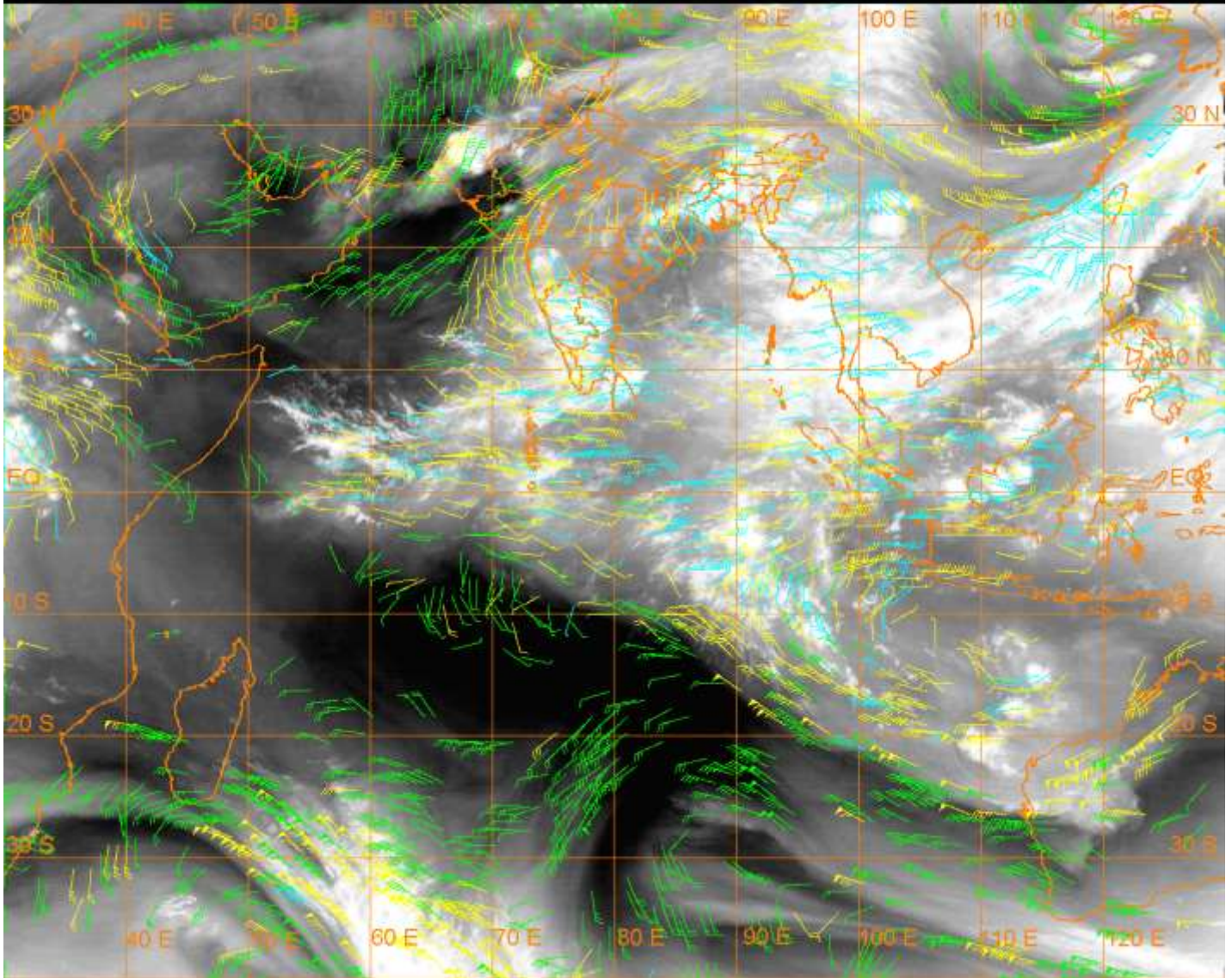
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NE CHTGH ADJ NW ORS S SHWB ADJ N GWB C ASSAM (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER JHRKND EXT W& SE BHR REST GWB N SHWB SKM ARUPR MEGHA REST ASSAM NAGA (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC GUJ C KKN ADJ WEST MADHYA MAHA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RAJ W MP SE GUJ REST MAHA & GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RYLSM ADJ S COTL AP (MINIMUM CTT MINUS 93 DEG C) AND MOD TO INT CONVTN OVER EXT E KRNTK (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT W TLNGN REST KRNTK KER TN LKSDP S ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA OFF GOA - N KRNTK COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA & COMORIN (.)

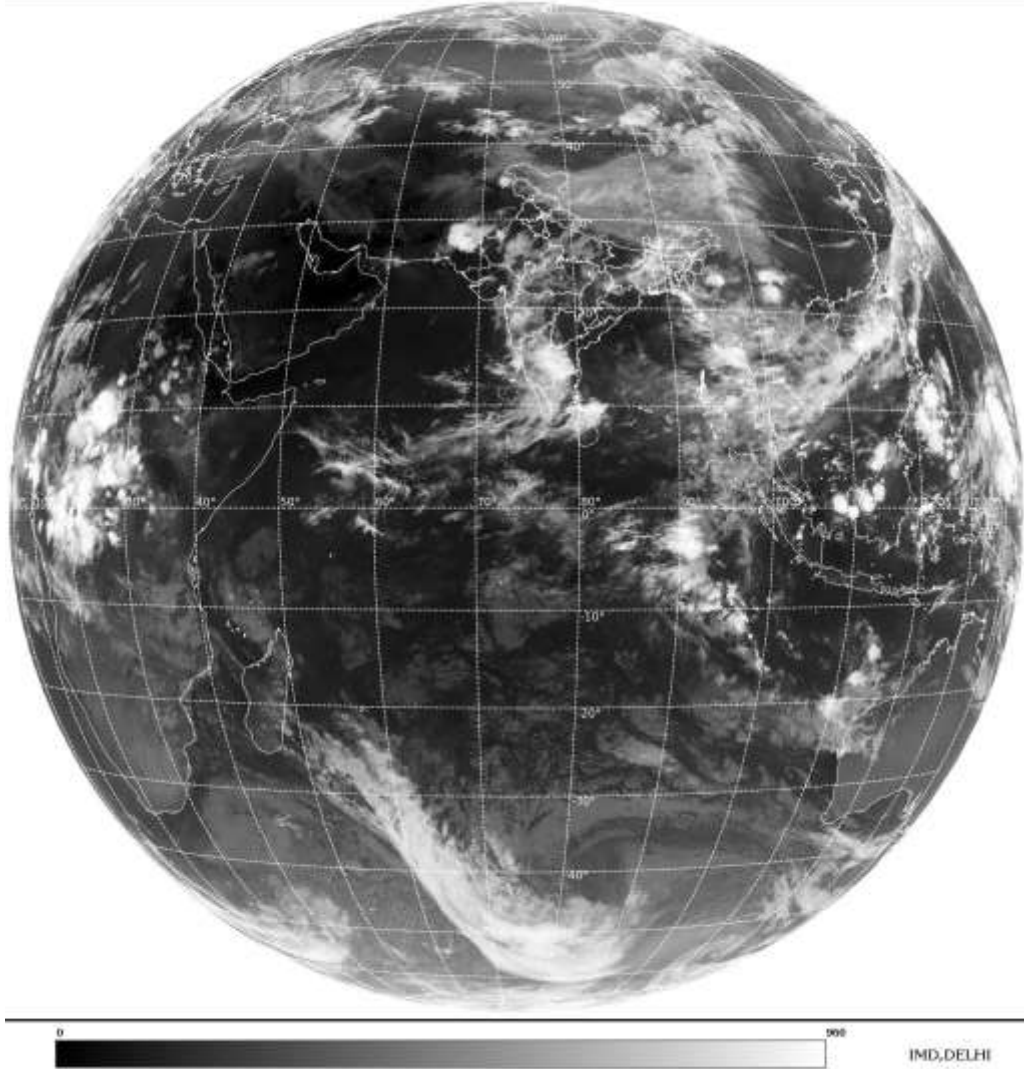
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE ARSEA ARAKAN COAST GULF OF MARTABAN AND SW BAY OFF N SRI LANKA COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC AND ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

05-06-2021/(1745 to 1812) GMT
05-06-2021/(2315 to 2342) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR PALK STR MALDIVES PAK NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA ADJ W COAST STR OF MALACCA MALAY PENINSULA S CHINA SEA N BORNEO JAVA ILS CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 2.0S LONG 53.0E TO 75.0E AND BET LAT 5.0N TO 14.0S LONG 82.0E TO 98.0E (.)

TOO 05/2355EF=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
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REGION	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
	UTRKN	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