



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

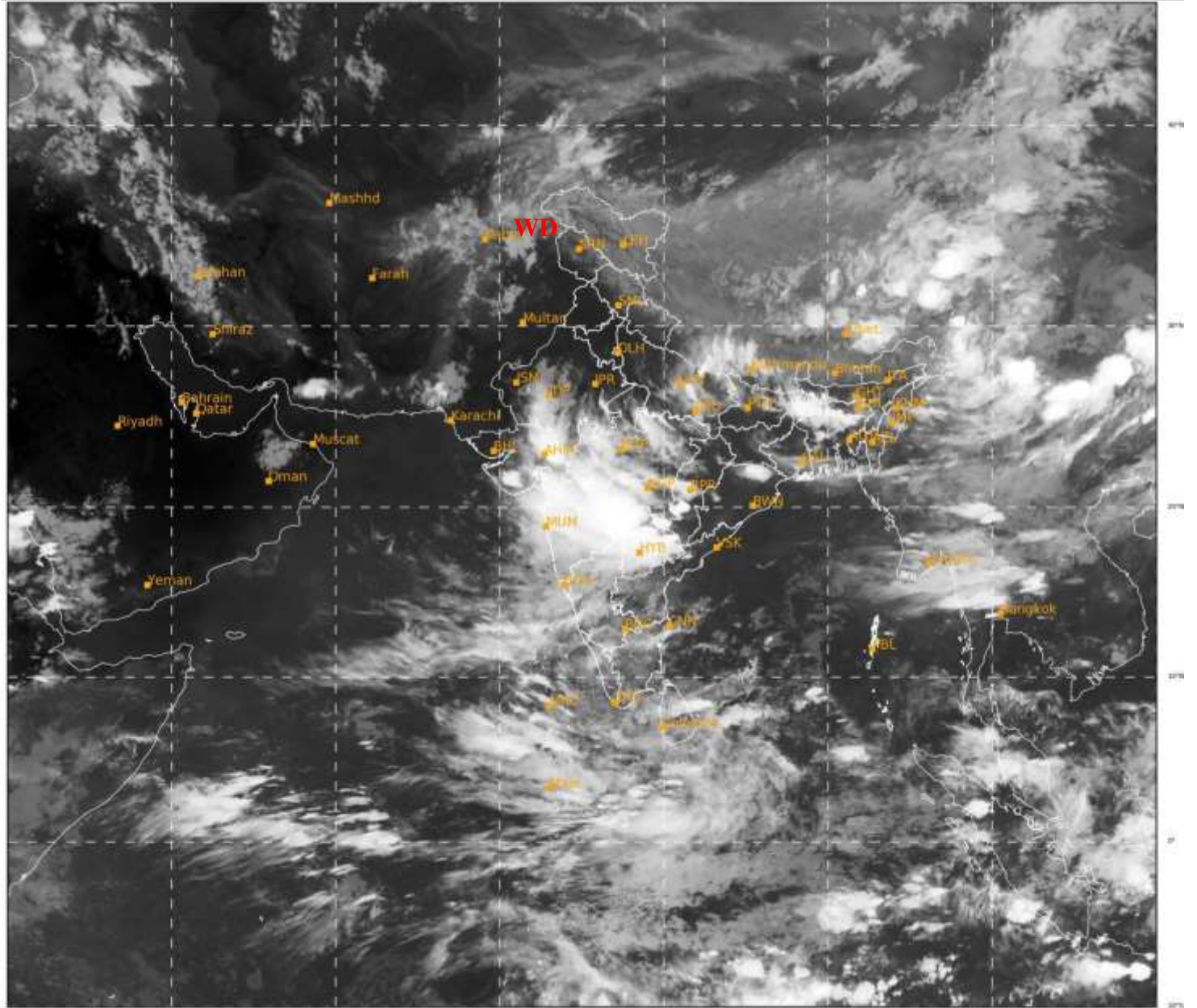


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

27.06.2021 TIME 1500 UTC

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

27-06-2021/(1500 to 1526) GMT
27-06-2021/(2030 to 2056) IST



423

949

IMD, DELHI

TCIN50 DEMS 271500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 271500UTC (.)

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 PAK LADAKH & N/HOOD IN ASSW **WD** OVER THE AREA (.)



INSAT-3D 27-JUN-2021 15:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

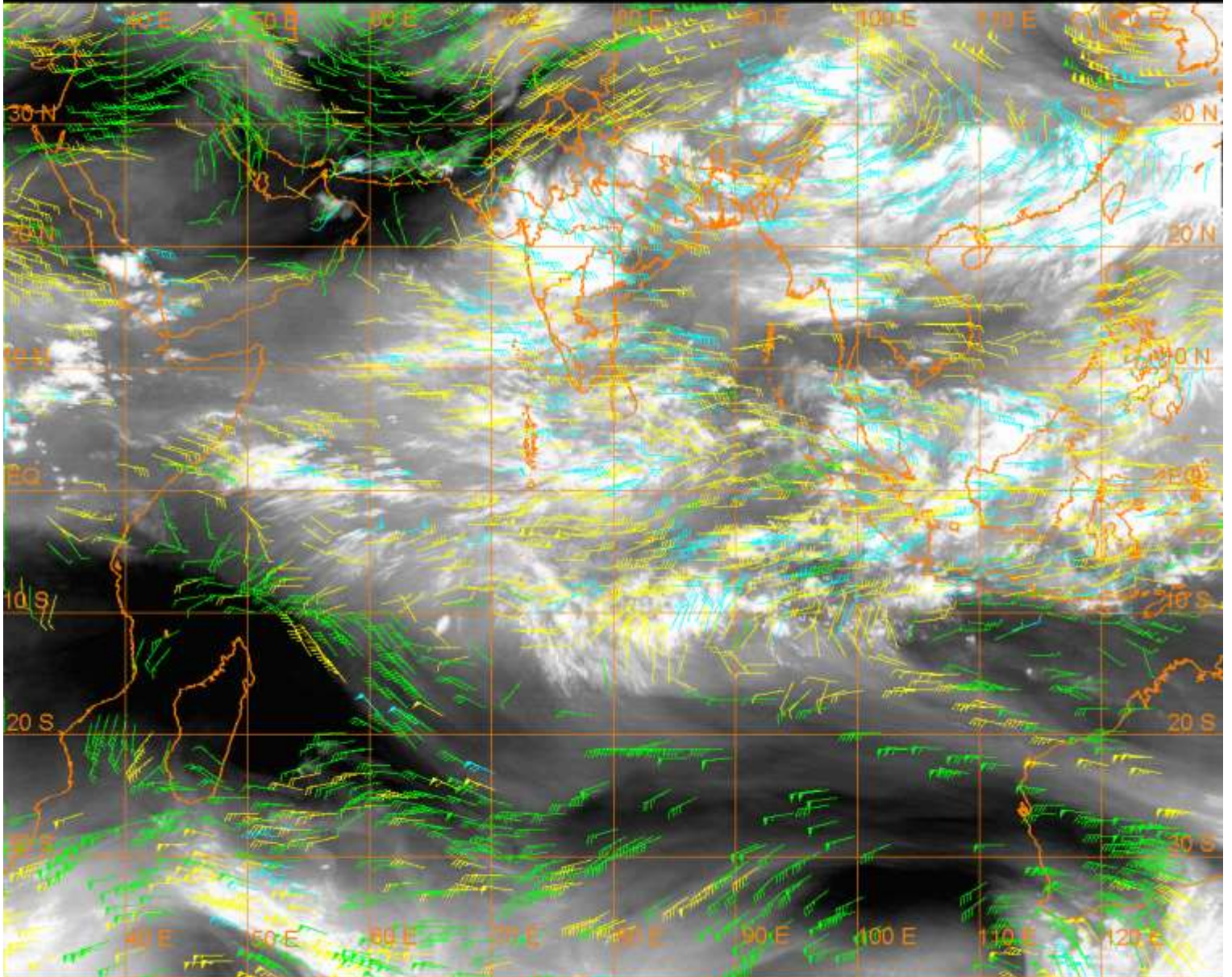
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL INT TO V INT CONVTN OVER E UP (.) SCT LOW/MED CLOUDS OVER WK TO MOD CONVTN OVER N LADAKH NE UTRKND REST PART OF E UP (.) SCT LOW/MED CLOUDS OVER REST LADAKH J&K HP REST N UTRKND SE HARY W UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT SC JHRKND ADJ NC ORS SW CHTGH (CTT MINIMUM MINUS 93 DEG C) EXT N GWB EXT SE SHWB EXT W ASSAM EXT SW MEGHA & N BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N BHR WC CHTGH (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E JHRKND N CHTGH S GWB SKM REST SHWB & RETS NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER C MP EXT S RAJ SW MP E & SC GUJ NORTH MADHYA MAHA MRTHWD W VID (CTT MINIMUM MINUS 93 DEG C) AND MOD TO INT CONVTN OVER SE RAJ C MP REST MAHA & GOA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER WC RAJ NE MP C GUJ (.)

SOUTH:-

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

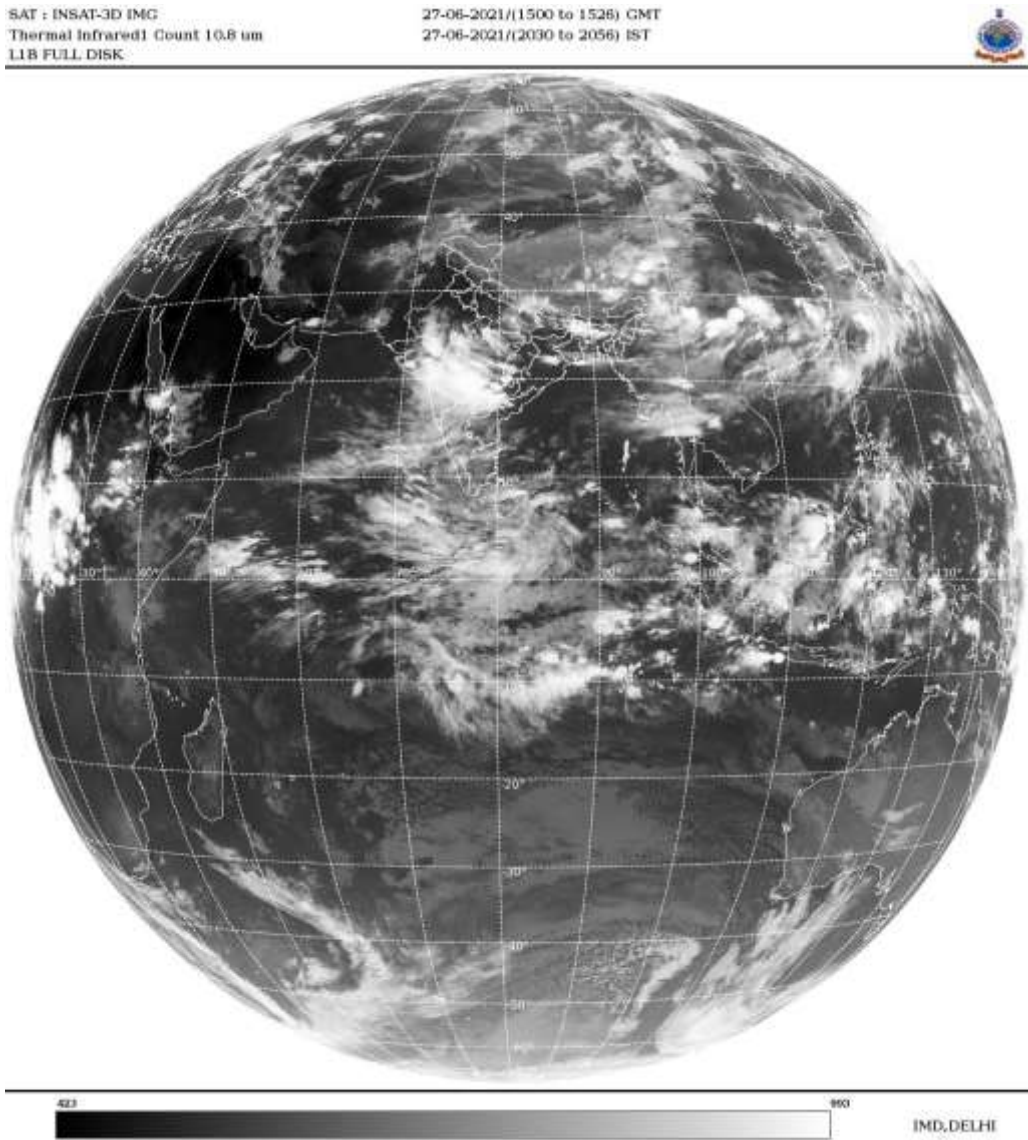
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE ADJ EC ARSEA (.)
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST EC & SE ARSEA AND
COMORIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NE & SW BAY AND
GULF OF MARTABAN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER C
BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIEVES SRILANKA
NEPAL TIBET CHINA MYANMAR VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA
MALAY PENINSULA BORNEO S CHINA SEA CELEBES ILS & SEA PHILIPPINES TAIWAN E
CHINA SEA YELLOW SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 6.0S LONG 48.0E TO 70.0E
AND BET LAT 5.0N TO 15.0S LONG 50.0E TO 108.0E (.)

TOO 27/2145EF=

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
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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