



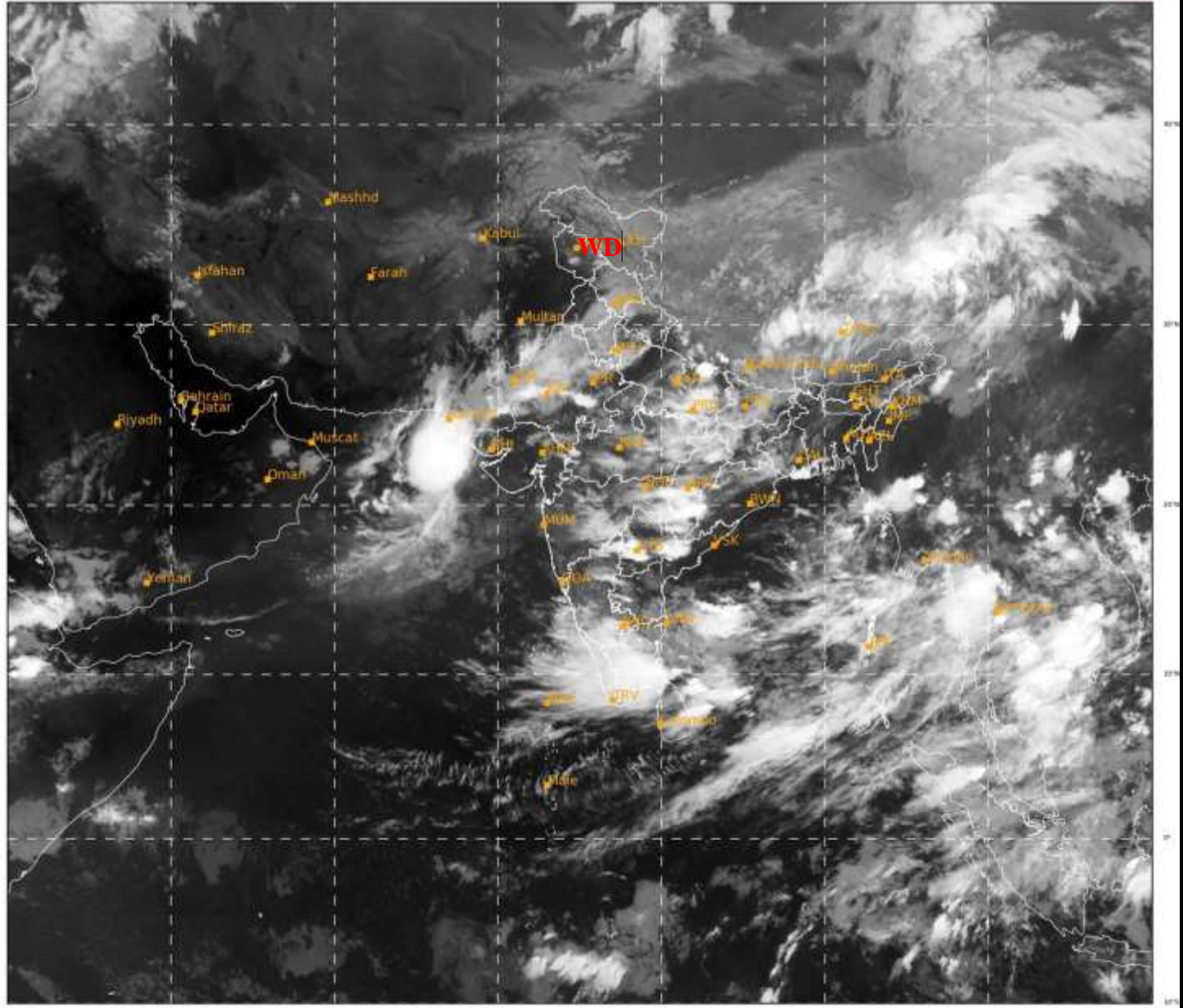
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
02.09.2021 TIME 1800 UTC

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

02-09-2021/(1700 to 1726) GMT
02-09-2021/(2230 to 2256) IST



477

955

IMD, DELHI

TCIN50 DEMS 021800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 021700 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 PAK LADAKH J&K HP UTRKND PJB HARY RAJ IN ASSW
WD OVER THE AREA (.)



INSAT-3D 02-SEP-2021 17:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

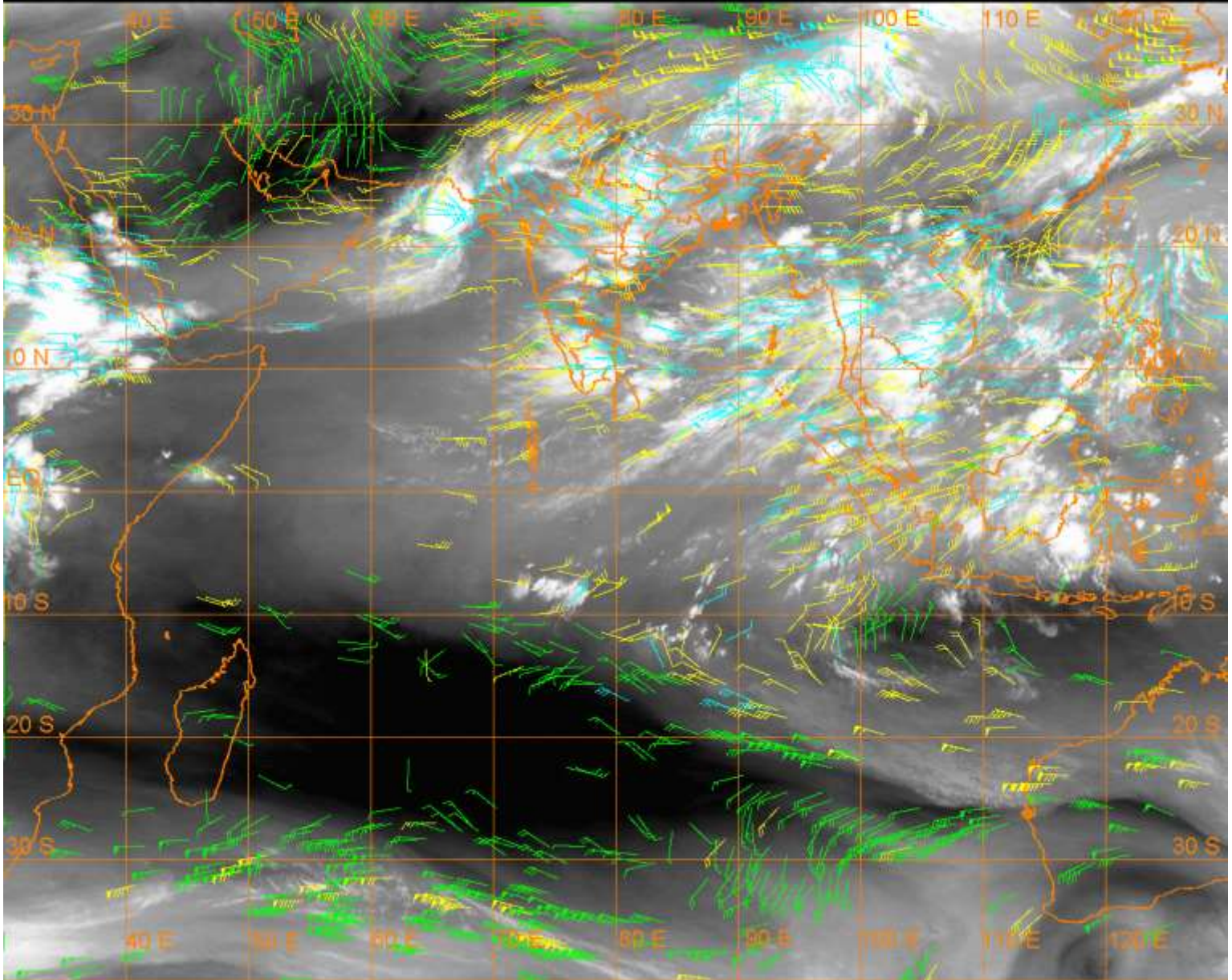
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE UP (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & NW UP AND WK TO MOD CONVTN OVER LADAKH J&K HP S PJB UTRKND HARY DLH (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S & N CHTGH (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR JHRKND ORS REST CHTGH GWB BD AND WK TO MOD CONVTN OVER SHWB SKM N NAGA N MANI MEGHA E ASSAM (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW& C RAJ (MINIMUM CTT MINUS 93 DEG C) MP VID MRTHWD E MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W GUJ REST MP MADHYA MAHA AND ISOL WK TO MOD CONVTN OVER KKN & GOA (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S TLNGN RYL SM NE AP TN (MINIMUM CTT MINUS 81 DEG C) C KER (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COTL AP KRNTK KER REST TN LKSDP ANDAMAN & NICOBAR ILS (.)

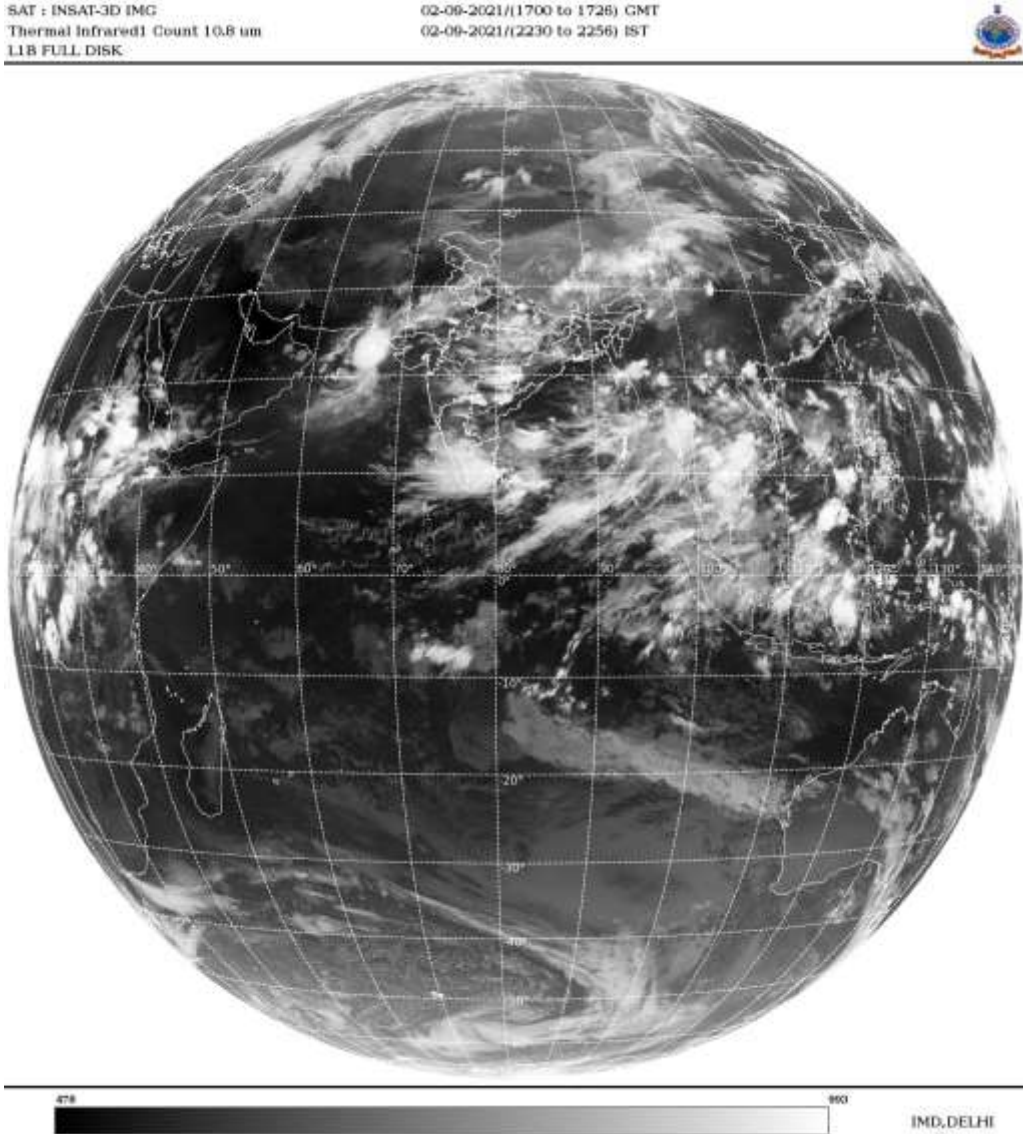
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ADJ EC ARSEA
(.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW & WC ARSEA AND
ALSO OVER SE ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY AND MOD TO INT
CONVTN OVER REST BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA MALDIVES S
PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA
LAOS VIETNAM SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA
JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES HAINAN TAIWAN E CHINA SEA AND INDIAN
OCEAN BET LAT 5.0N TO 10.0S LONG 70.0E TO 100.0E (.)

TOO 02/2330F=

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
	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