

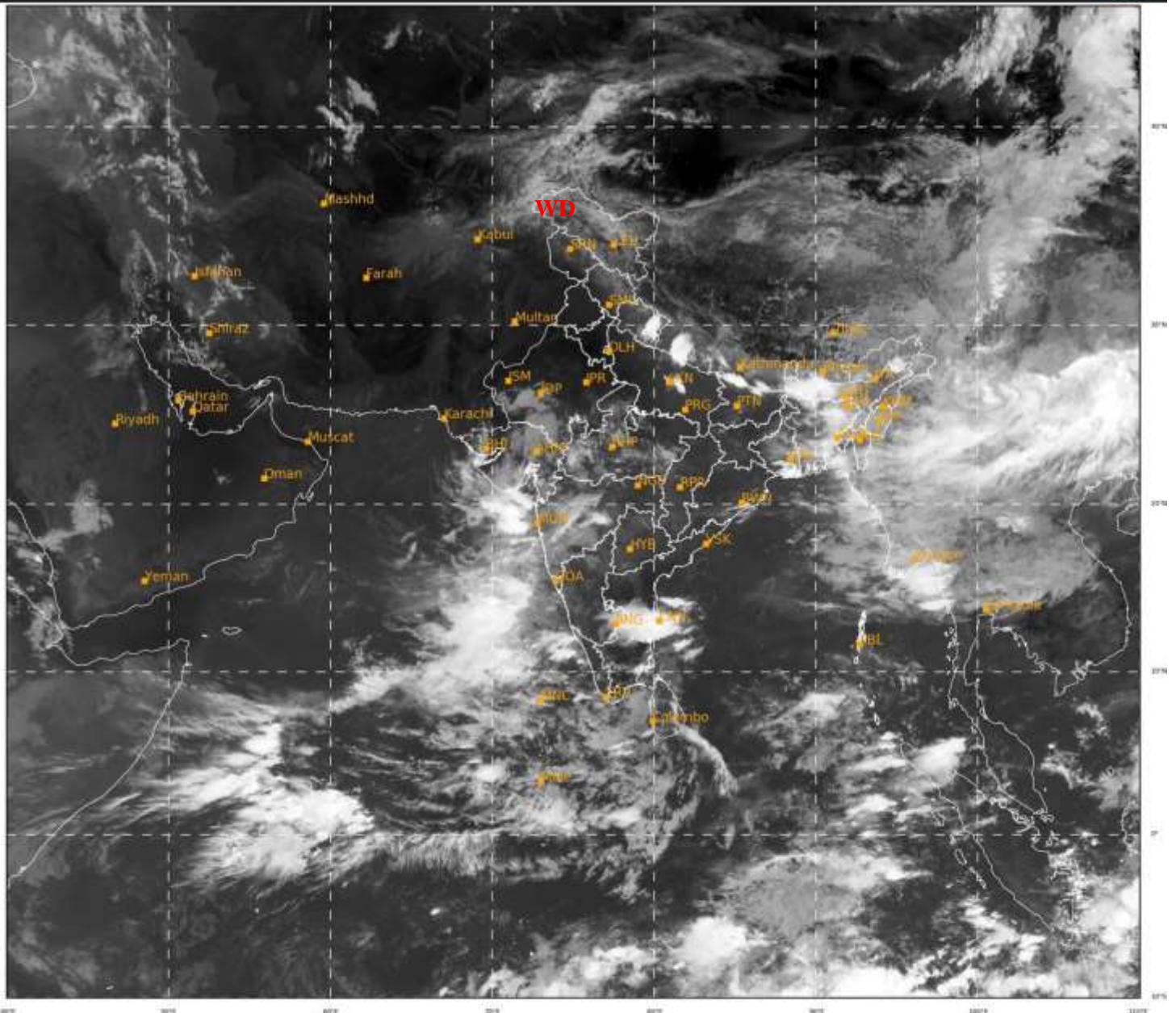


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

28.06.2021 TIME 0300 UTC

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

28-06-2021/(0300 to 0326) GMT
28-06-2021/(0830 to 0856) IST



291

948

IMD, DELHI

TCIN50 DEMS 280300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 280300 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 TAJIKISTAN LADAKH AND N/HOOD IN ASSW **WD** OVER THE AREA (.)



INSAT-3D 28-JUN-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

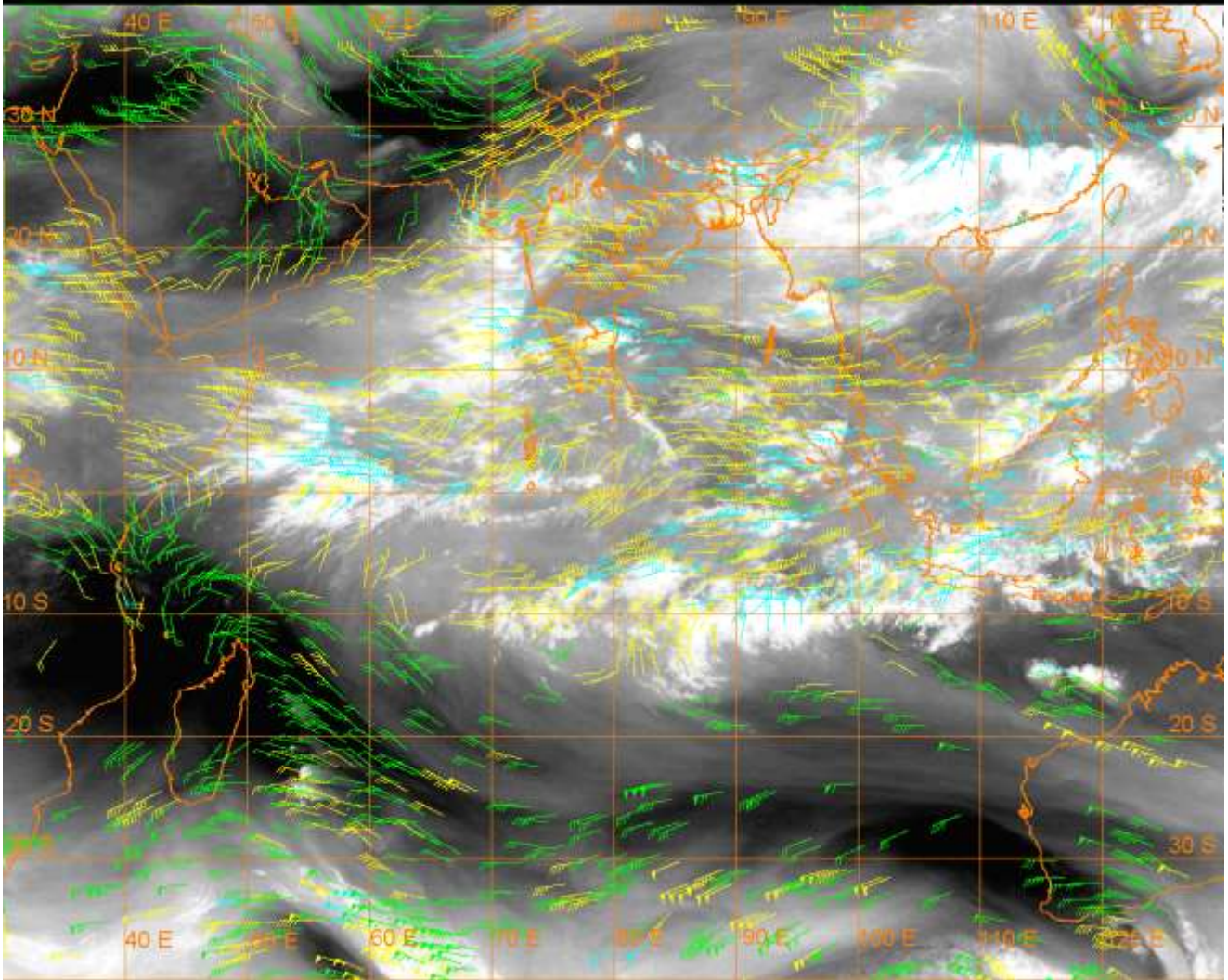
20 Kt

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 UTRKND EC UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER N LADAKH (.) ISOL TO SCT LOW/MED CLOUDS OVER REST UTRKND N UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT N BHR SC GWB N SHWB W ASSAM S MEGHA & E BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC BHR EXT E ORS NC GWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST N BHR CHTGH JHRKND REST E ORS NE GWB S SHWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER NW MRTHWD CENTRAL MADHYA MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER GUJ SW RAJ S MP REST M MAHA KKN & GOA (.) SCT LOW/MED CLOUDS OVER N MP REST MRTHWD VID (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE SIK S AP NE TN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CENTRAL PARTS OF COTL TN LKSDP ILS (.) SCT LOW/MED CLOUDS OVER COTL KRNTK NIK TLNGN N RYLSM N COTL AP N KER S TN NICOBAR ILS (.)

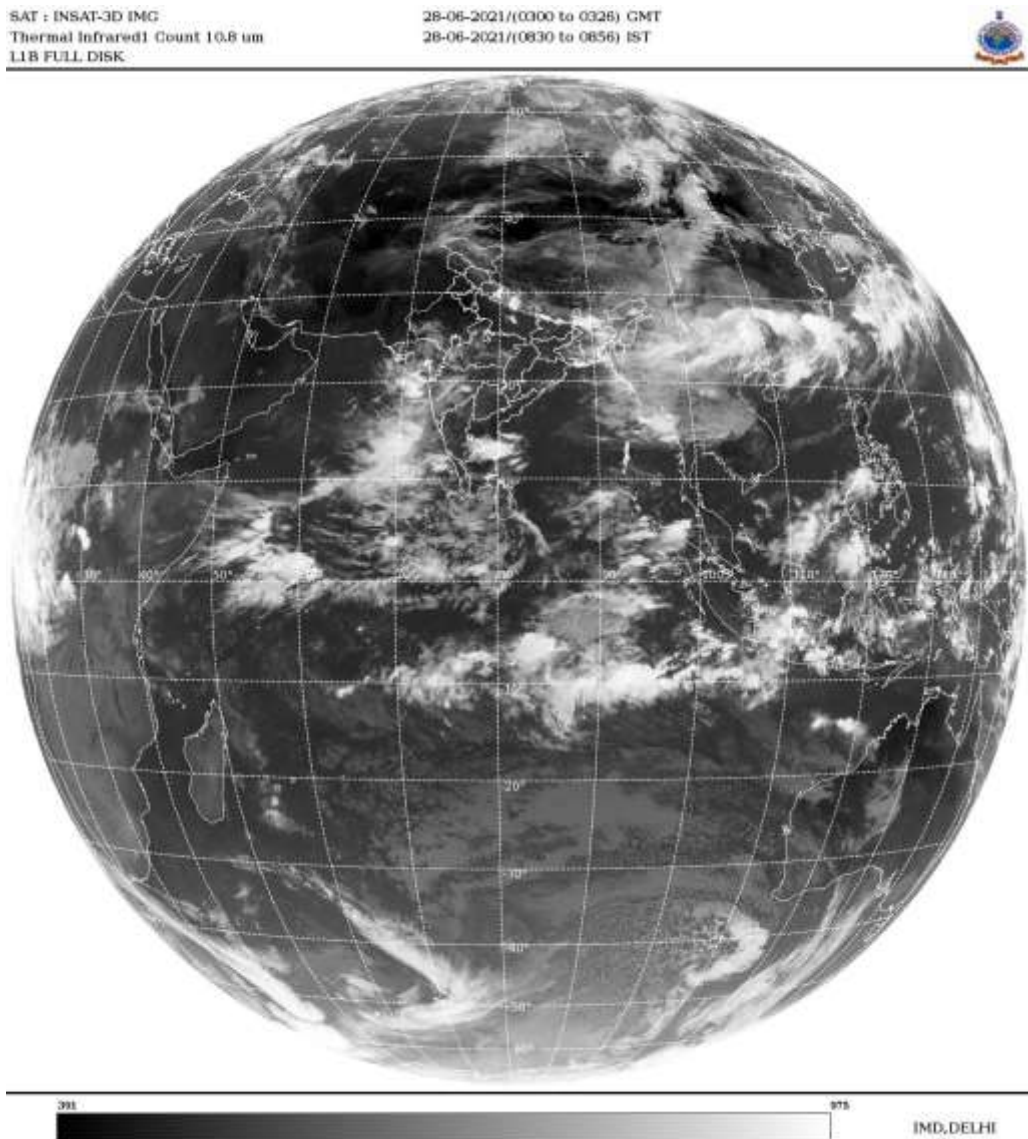
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF N KKN COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF CAMBAY EC & SE ARSEA AND COMORIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY OFF N TN COAST
GULF OF MARTABAN ARAKAN COAST (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD
CONVTN OVER NE BAY (.)**

CLOUDS DESCRIPTION OUTSIDE INDIA:-



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF
MANNAR PALK STR MALDIVES NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA
MYANMAR THAILAND LAOS N VIETNAM SUMATRA STR OF MALACCA MALAY PENINSULA
BORNEO S CHINA SEA JAVA ILS & SEA CELEBES SEA SULU SEA AND OVER INDIAN OCEAN
BET LAT 5.0N TO 16.0S LONG 47.0E TO 110.0E (.)**

TOO 28/0935EF=

NNNN

LEGEND:-

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