



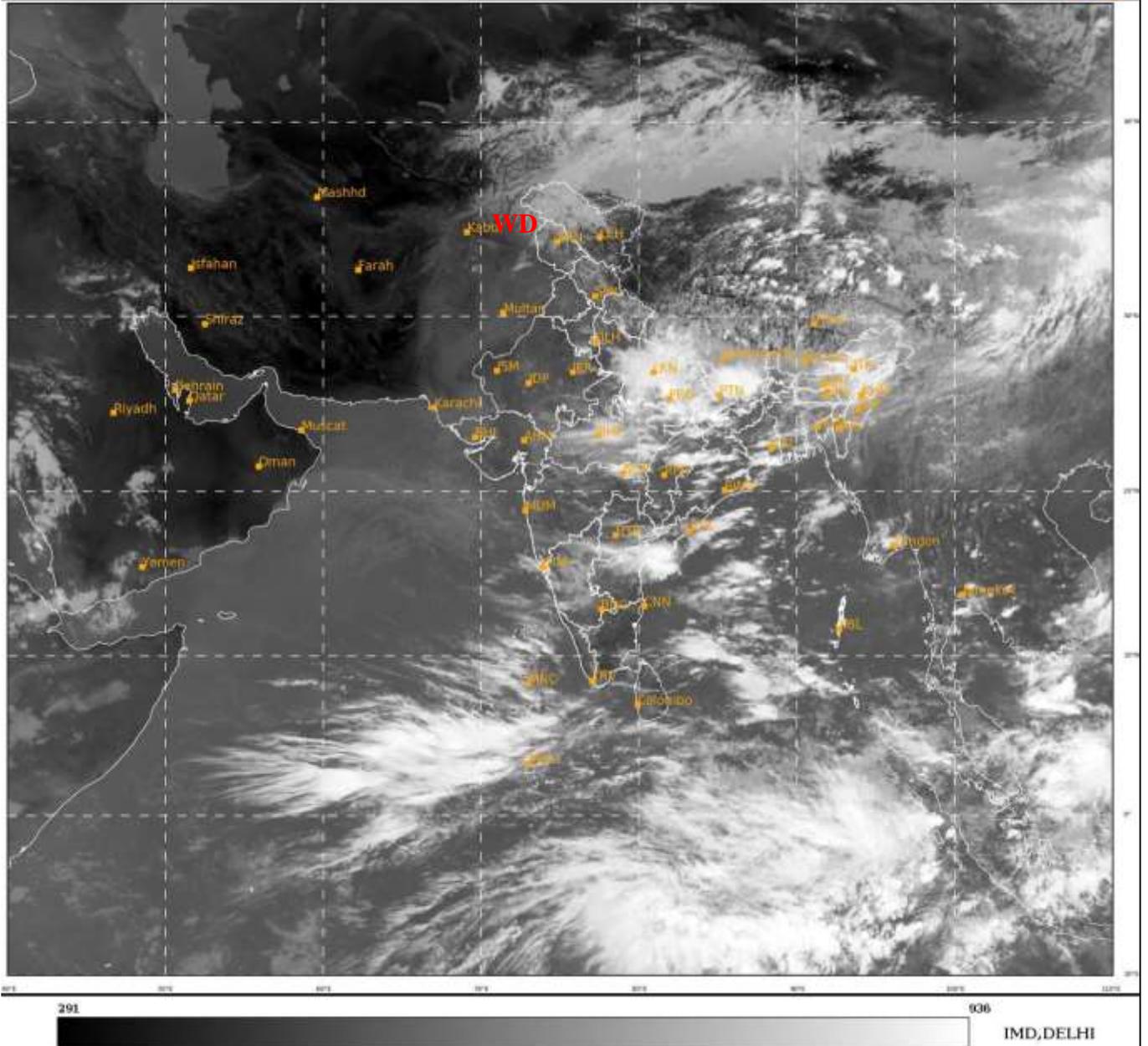
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
28.08.2022 TIME 0600 UTC

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

28-08-2022/(0600 to 0626) GMT
28-08-2022/(1130 to 1156) IST



TCIN50 DEMS 280600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 280600 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:-

SCT MULTILAYERED CLOUDS OVER N PAK LADAKH AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER E UP BHR JHRKND MP N CHTGH N ORS E VID SHWB ARUPR KRNTK ASSAM NAGA MANI KRNTK COTL AP (.)



INSAT-3D 28-AUG-2022 06:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

100-250 hPa

251-350 hPa

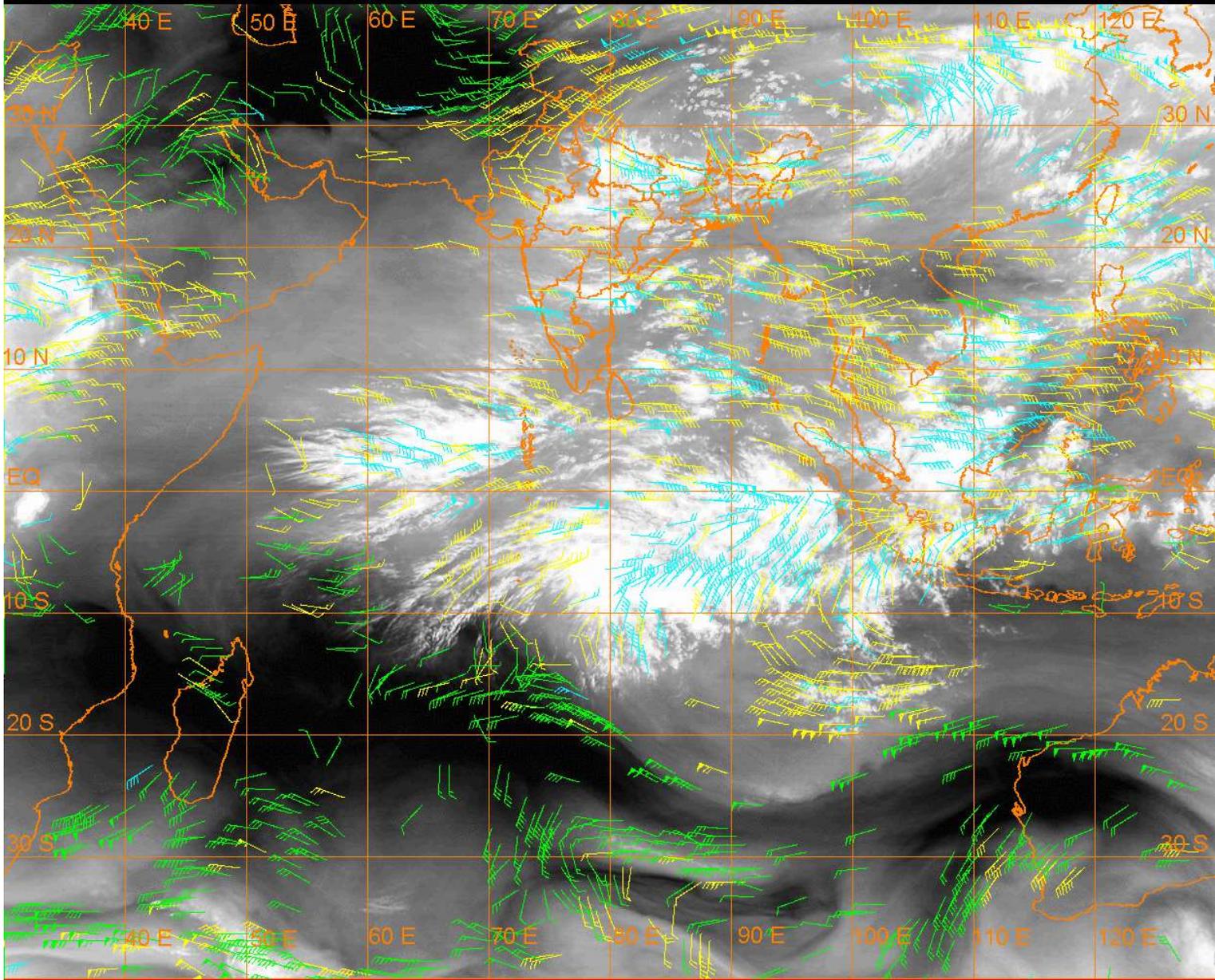
351-500 hPa

10 Kt

15 Kt

20 Kt

50 Kt



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E UP (MINIMUM CTT MINUS 76 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E UTRKND (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH HP REST UTRKND REST UP E PJB NW HARY DLH (.) SCT LOW/MED CLOUDS OVER J&K REST PJB REST HARY (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR JHRKND (MINIMUM CTT MINUS 93 DEG C) (.)SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ASSAM ARUPR SKM SHWB NAGA MANI (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CHTGH ORS GWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP E VID EXT S KKN GOA AND ISOL WK CONVTN OVER MRTWD REST MP (.) SCT LOW/MED CLOUDS OVER E RAJ GUJ REST MAHA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N COTL AP (MINIMUM CTT MINUS 79 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK RYLSM AND WK TO MOD CONVTN OVER TLNGN KER TN LKSDP ILS ANDAMAN & NICOBAR ILS (.)

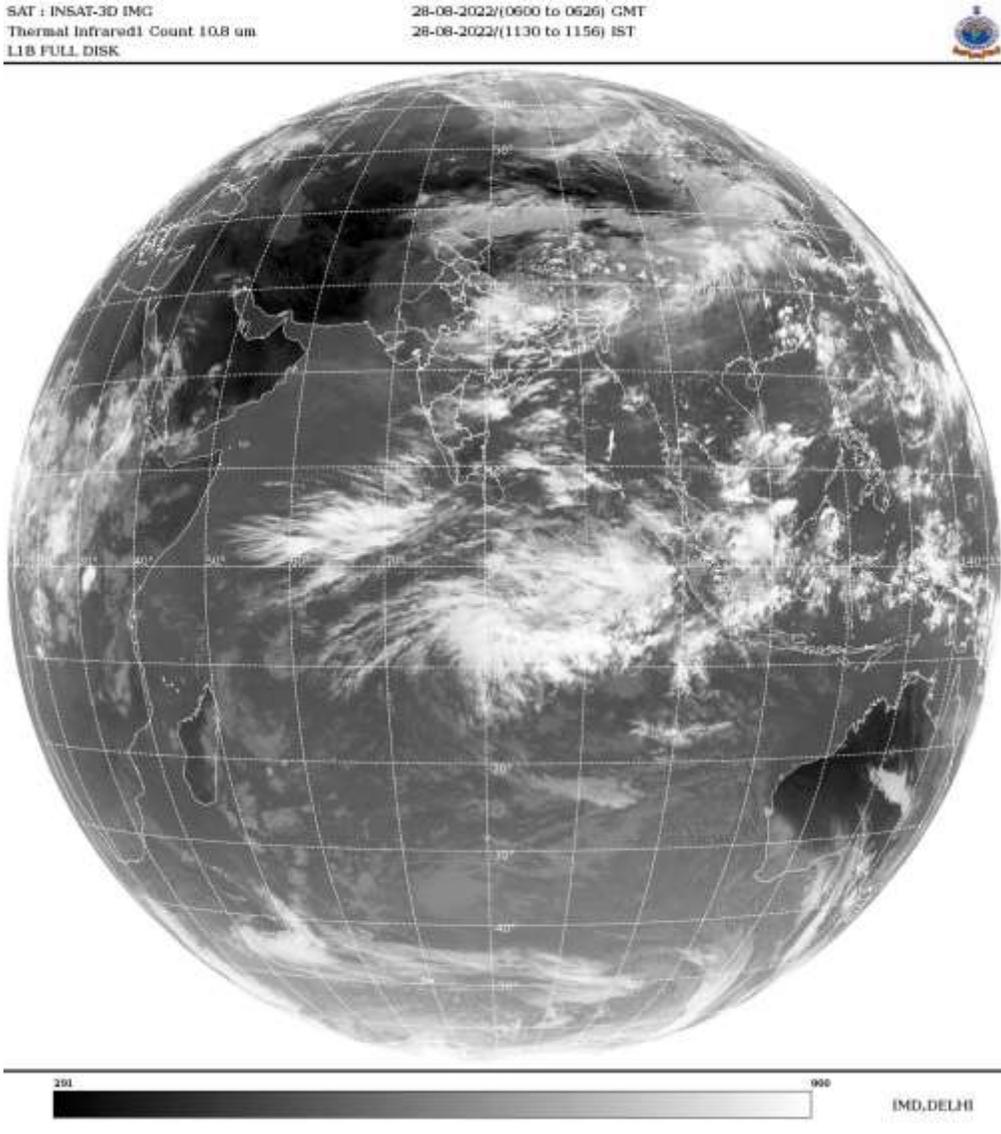
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE AND EAST EC ARSEA LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA E CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 58.0E TO 105.0E (.)

TOO 28/1230 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH OR WB SKM NORTH- 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