



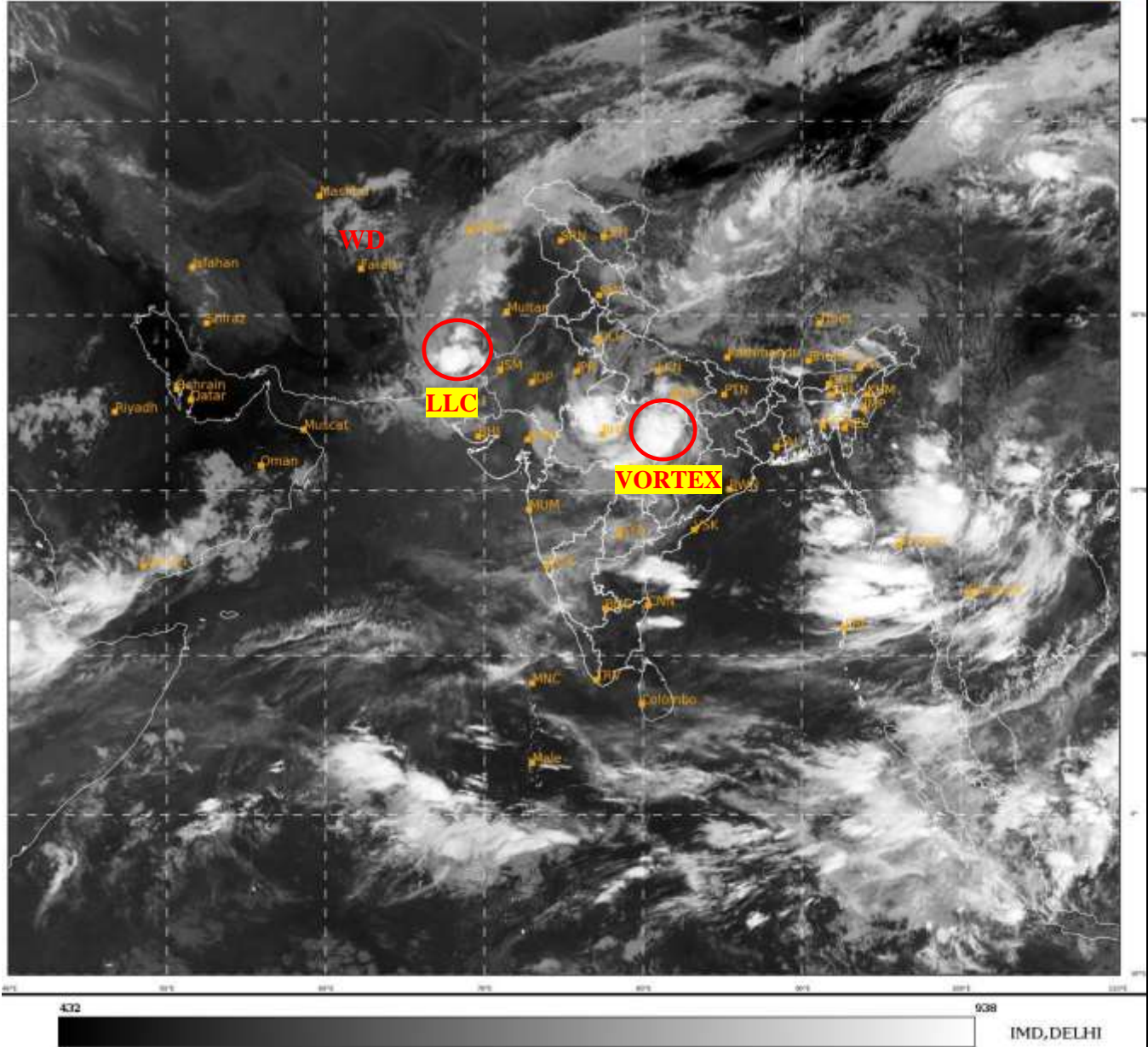
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.08.2022 TIME 0300 UTC

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

21-08-2022/(0300 to 0326) GMT
21-08-2022/(0830 to 0856) IST



TCIN50 DEMS 210300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX OVER NORTH-EAST MADHYA PRADESH ADJ NW CHHATTISGARH & N/HOOD:-

VORTEX OVER NE MP ADJ NW CHTGH & N/HOOD (.) CENTRE NOT CLEARLY DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP (MINIMUM CTT MINUS 80 DEG C) AND MOD TO INT CONVTN OVER N CHTGH S UP (.)

LLC OVER SOUTH PAK & N/HOOD:-

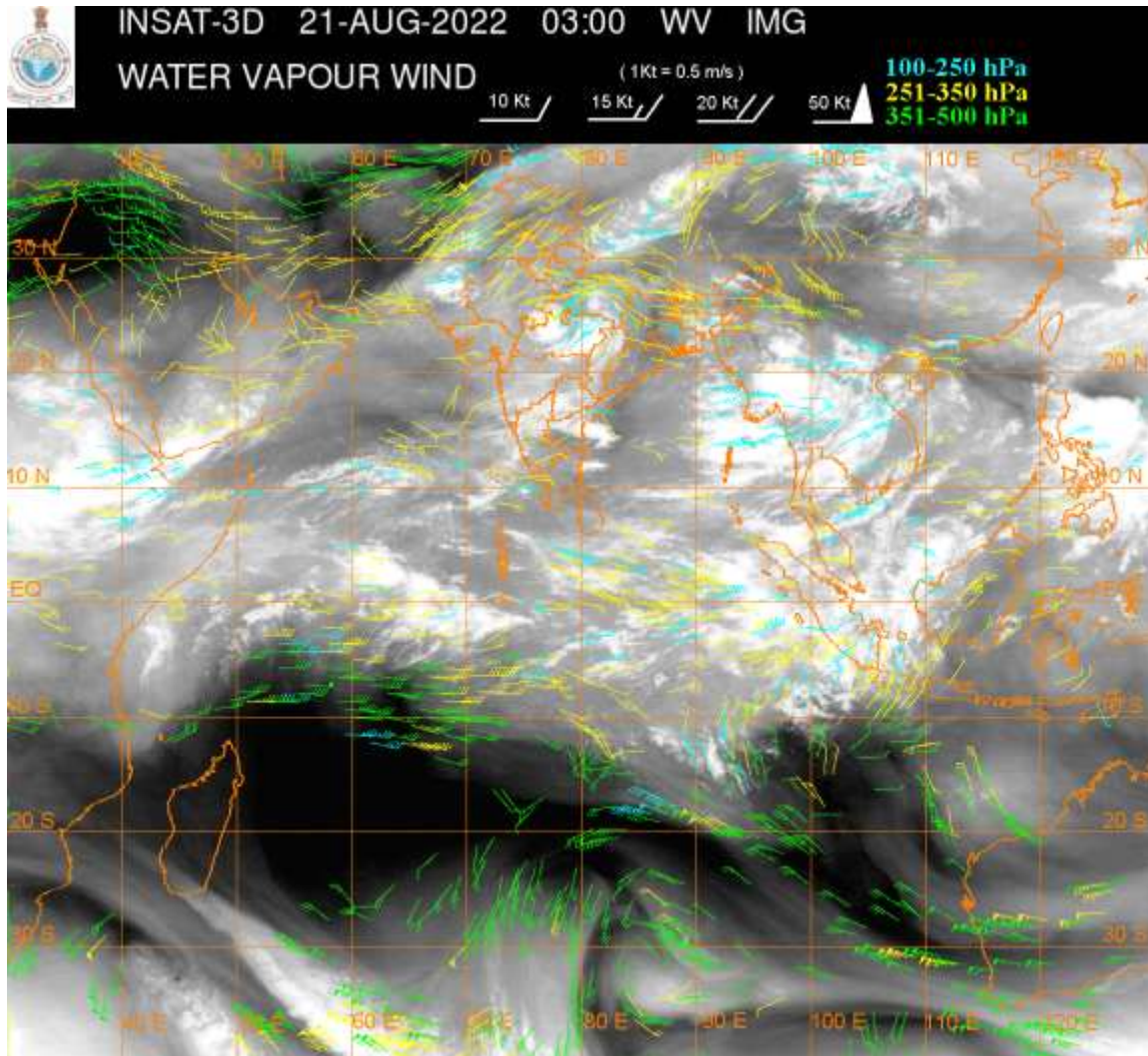
LLC OVER SOUTH PAK & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S PAK (MINIMUM CTT MINUS 80 DEG C) (.)

WESTERN DISTURBANCE:-

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

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER S UP EC RAJ MP N VID N CHTGH N SHWB NE STATES S COTL AP ANDAMAN ILS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH N SHWB ARUPR ASSAM MANI MIZO TRP & BD (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER BHR JHRKND ORS GWB SKM MEGHA NAGA (.) SCT LOW/MED CLOUDS OVER S SHWB (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC RAJ MP (MINIMUM CTT MINUS 80 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW RAJ N VID AND WK TO MOD CONVTN OVER REST RAJ NW & E GUJ REST MAHA GOA (.) SCT LOW/MED CLOUDS OVER REST GUJ (.)

SOUTH:-

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

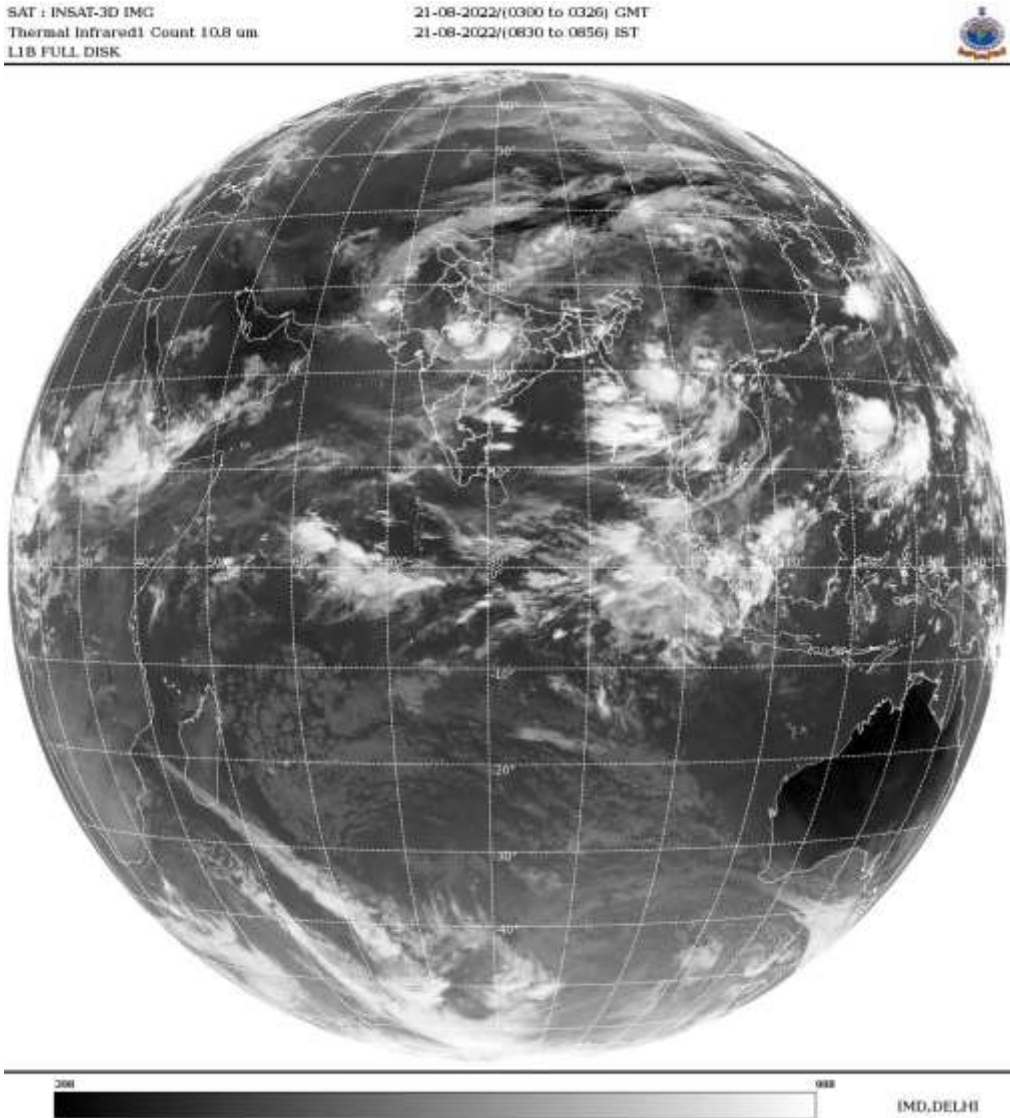
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA ADJ S KRNTK COAST SOUTH ARSEA LKSDP ILS AREA AND ISOL WK TO MOD CONVTN REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY OFF S AP COAST SW BAY OFF N TN COAST NE & EC BAY N ANDAMAN SEA AND TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY S ANDAMAN SEA GULF OF MARTABAN ARAKAN COAST AND ISOL WK TO MOD CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THIALAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 42.0E TO 105.0E (.)

TOO 21/0945 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

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