



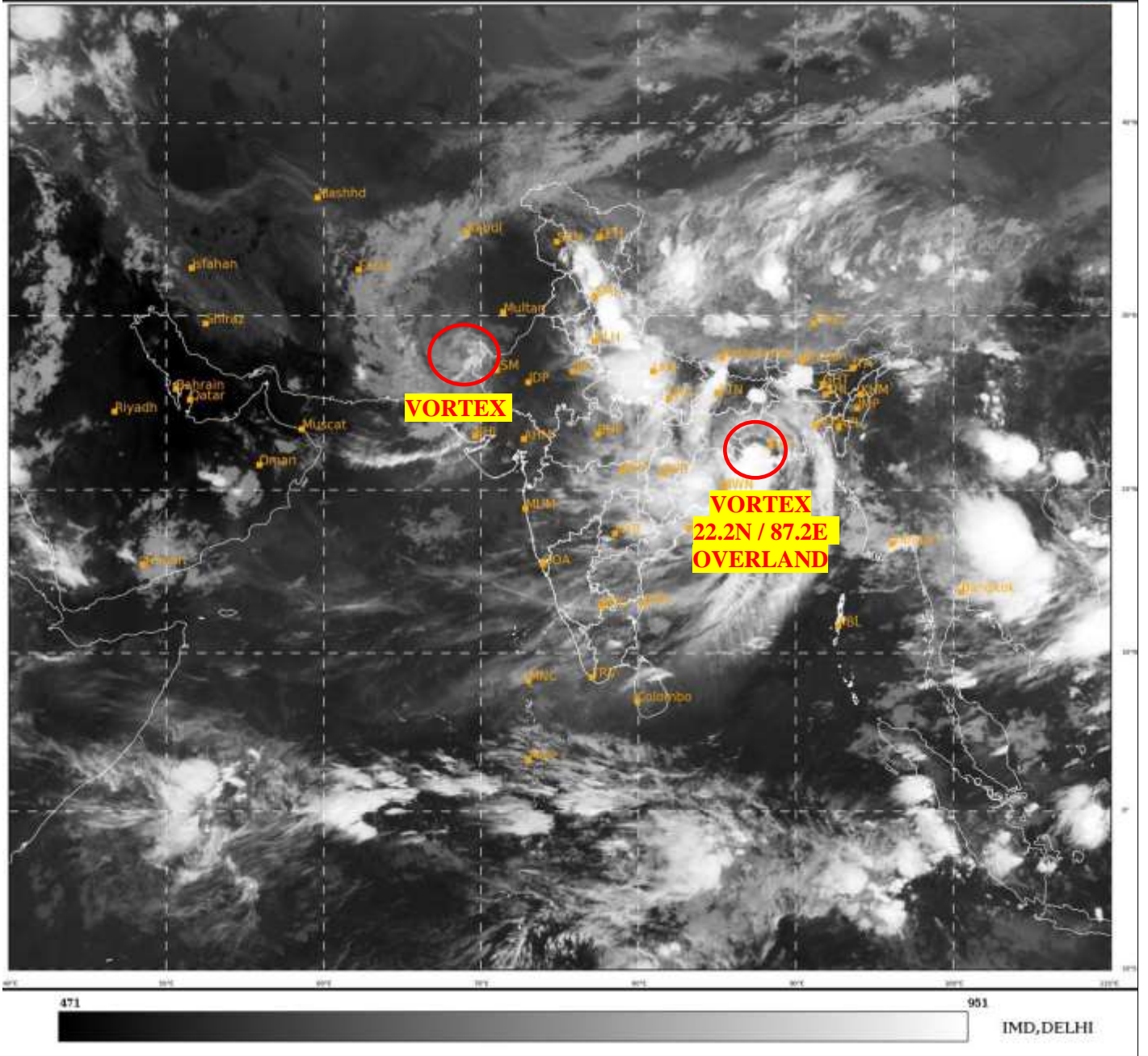
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
19.08.2022 TIME 1800 UTC

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

19-08-2022/(1700 to 1726) GMT
19-08-2022/(2230 to 2256) IST



TCIN50 DEMS 191800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 191700 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 S GWB & N/HOOD:-

VORTEX OVER S GWB & N/HOOD CENTERED WITHIN HALF A DEGREE OF **22.2N / 87.2E** (.) **OVERLAND** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH GWB NE ORS ADJ NW BAY (MINIMUM CTT MINUS **93** DEG C) (.)

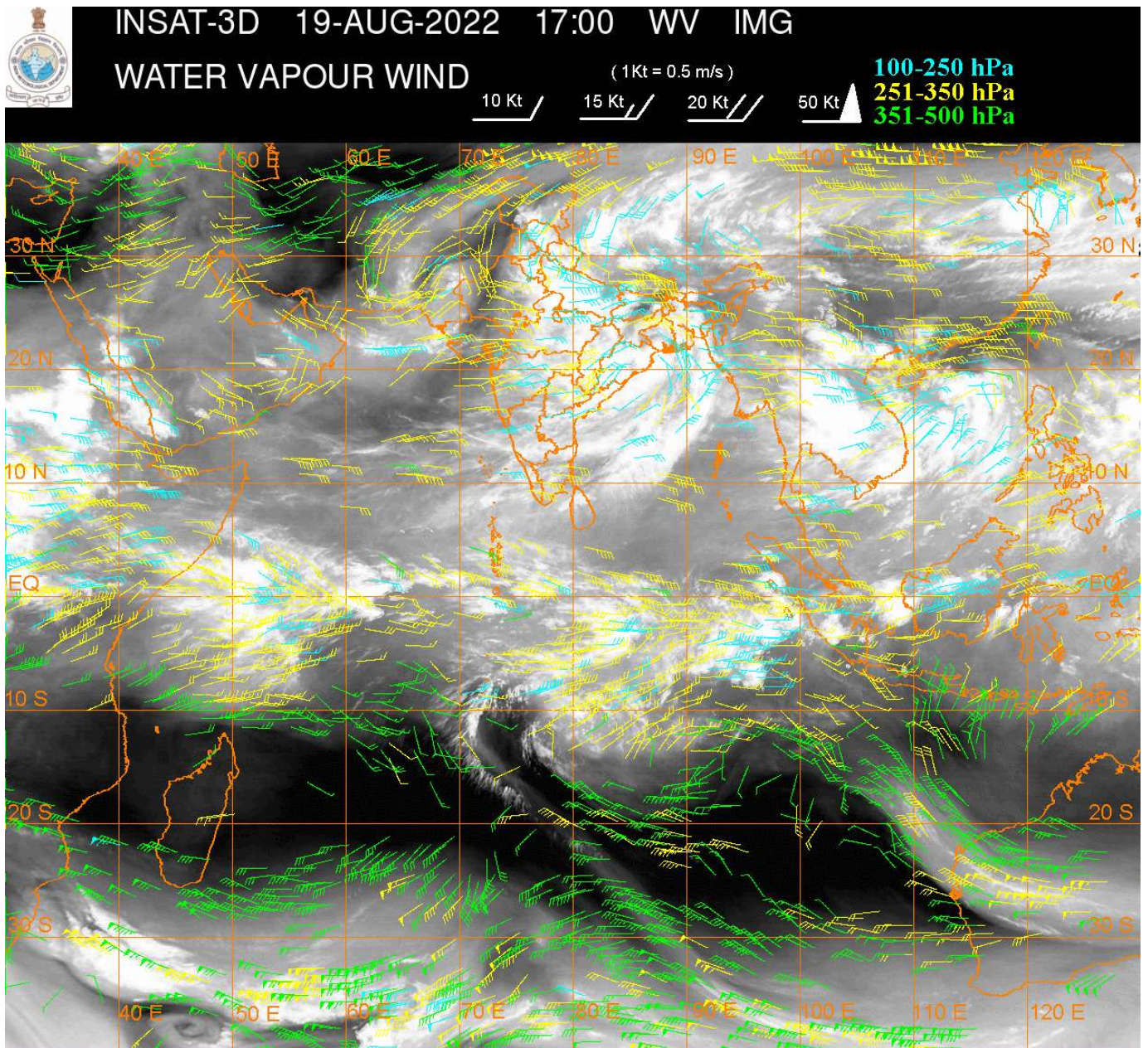
VORTEX OVER SE PAK:-

VORTEX OVER SE PAK & N/HOOD (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S PAK ADJ SW RAJ (MINIMUM CTT MINUS **60** DEG C) (.)

INTENSE CONVECTIVE CLOUDS:-

IMD, DELHI

**INTENSE CONVECTIVE CLOUDS OBSERVED OVER S J&K HP UTRKND UP BHR JHRKND
CHTGH ORS S GWB SHWB W ASSAM (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER HP UTRKND UP (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K HARY DLH AND ISOL WK TO MOD CONVTN OVER LADAKH SE PJB (.) SCT LOW/MED CLOUDS OVER REST PJB (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ORS BHR S GWB (MINIMUM CTT MINUS 93 DEG C) N CHTGH SHWB W ASSAM (MINIMUM CTT MINUS 85 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S CHTGH JHRKND N GWB MEGHA TRP BD AND ISOL WK TO MOD CONVTN OVER SKM REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NE RAJ NW & E MP VID (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SW RAJ GUJ REST MP REST MAHA (.) SCT LOW/MED CLOUDS OVER REST RAJ & GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN RYLSM COTL AP C TN (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER KRNTK KER REST TN LKSDP ILS (.) SCT LOW/MED CLOUDS OVER ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

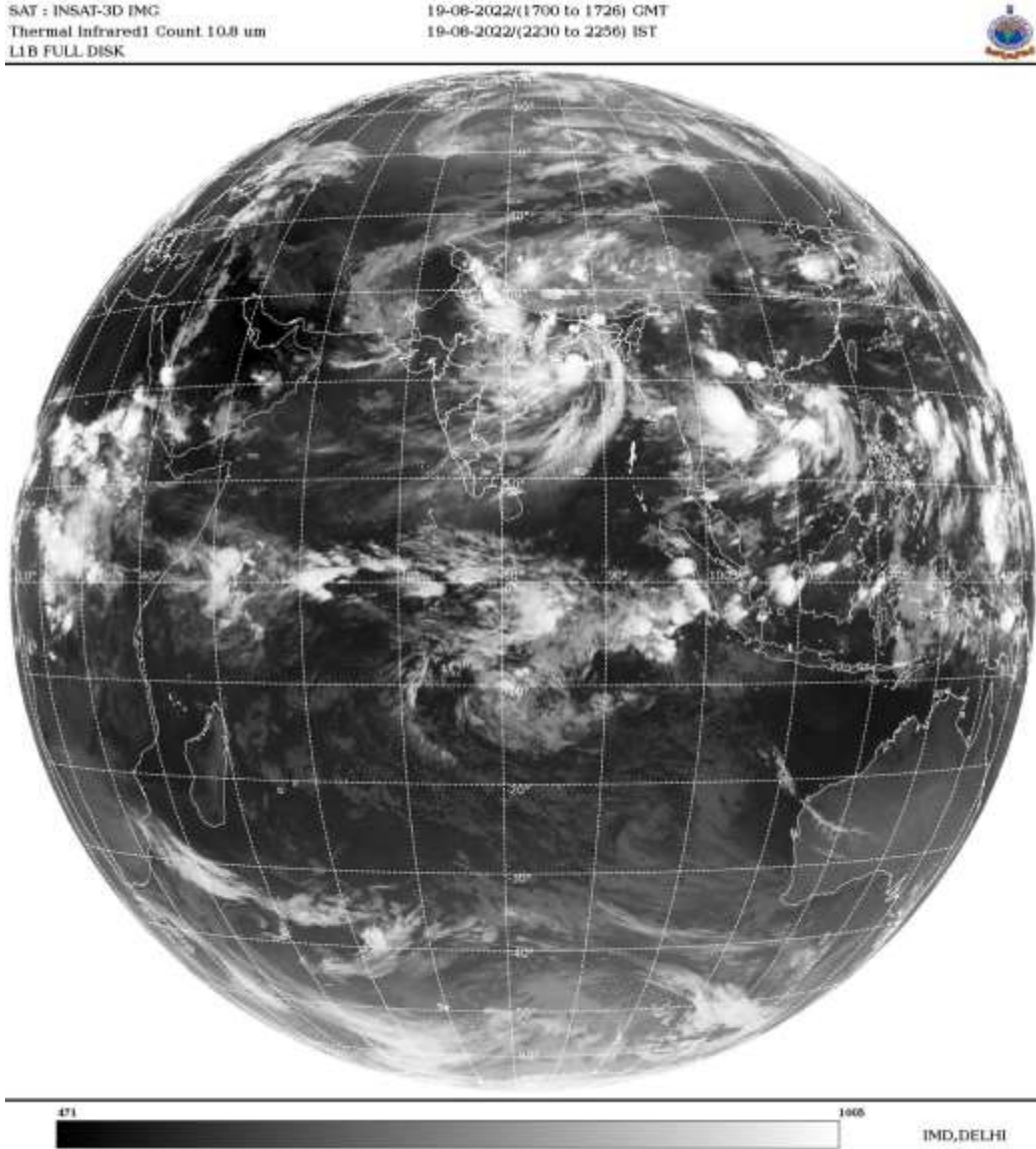
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N ARSEA AND ISOL WK

TO MOD CONVTN REST ARSEA LKSDP ILS AREA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH BAY (.)
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL ADJ S BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N SRILANKA MALDIVES
PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THIALAND CAMBODIA
LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH
CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA E CHINA SEA AND OVER INDIAN
OCEAN BET LAT 5.0N TO 5.0S LONG 45.0E TO 100.0E AND BET LAT 5.0S TO 16.0S LONG 70.0E TO
100.0E (.)

TOO 19/2350 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