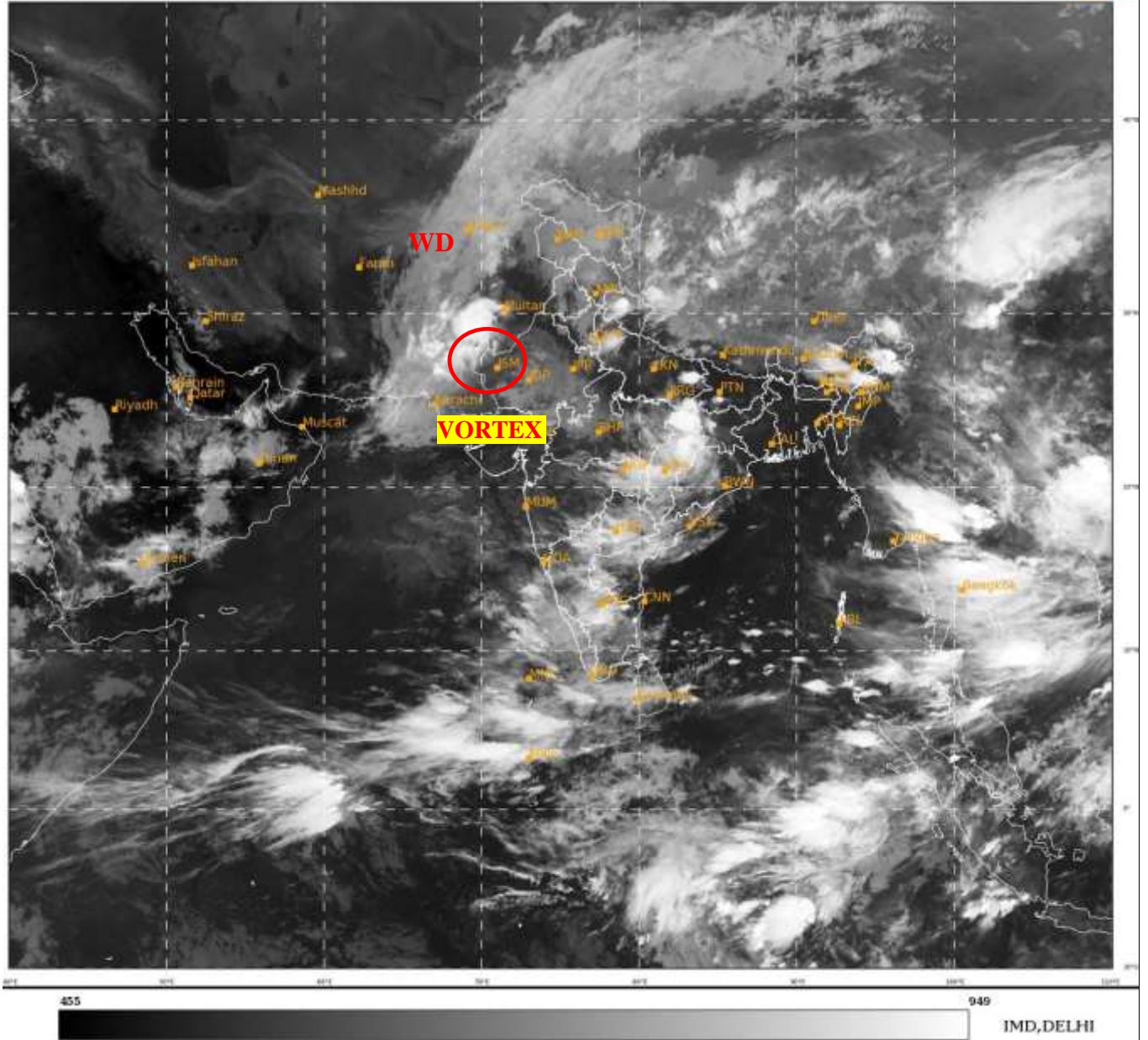




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
24.08.2022 TIME 1800 UTC

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

24-08-2022/(1715 to 1742) GMT
24-08-2022/(2245 to 2312) IST



TCIN50 DEMS 241800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 241700 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 SW RAJASTHAN ADJ PAK & N/HOOD:-

VORTEX OVER SW RAJ ADJ PAK & N/HOOD (.) CENTER NOT DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW RAJ S PAK (MINIMUM CTT MINUS 90 DEG C) (.)

WESTERN DISTURBANCE:-

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

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER UTRKND UP SW BHR W JHRKND CHTGH NW ORS ARUPR N ASSAM NAGA SE MP VID MRTHWD KRNTK TLNGN RYLSM COTL AP KER TN LKSDP ILS (.)



INSAT-3DR 24-AUG-2022 16:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

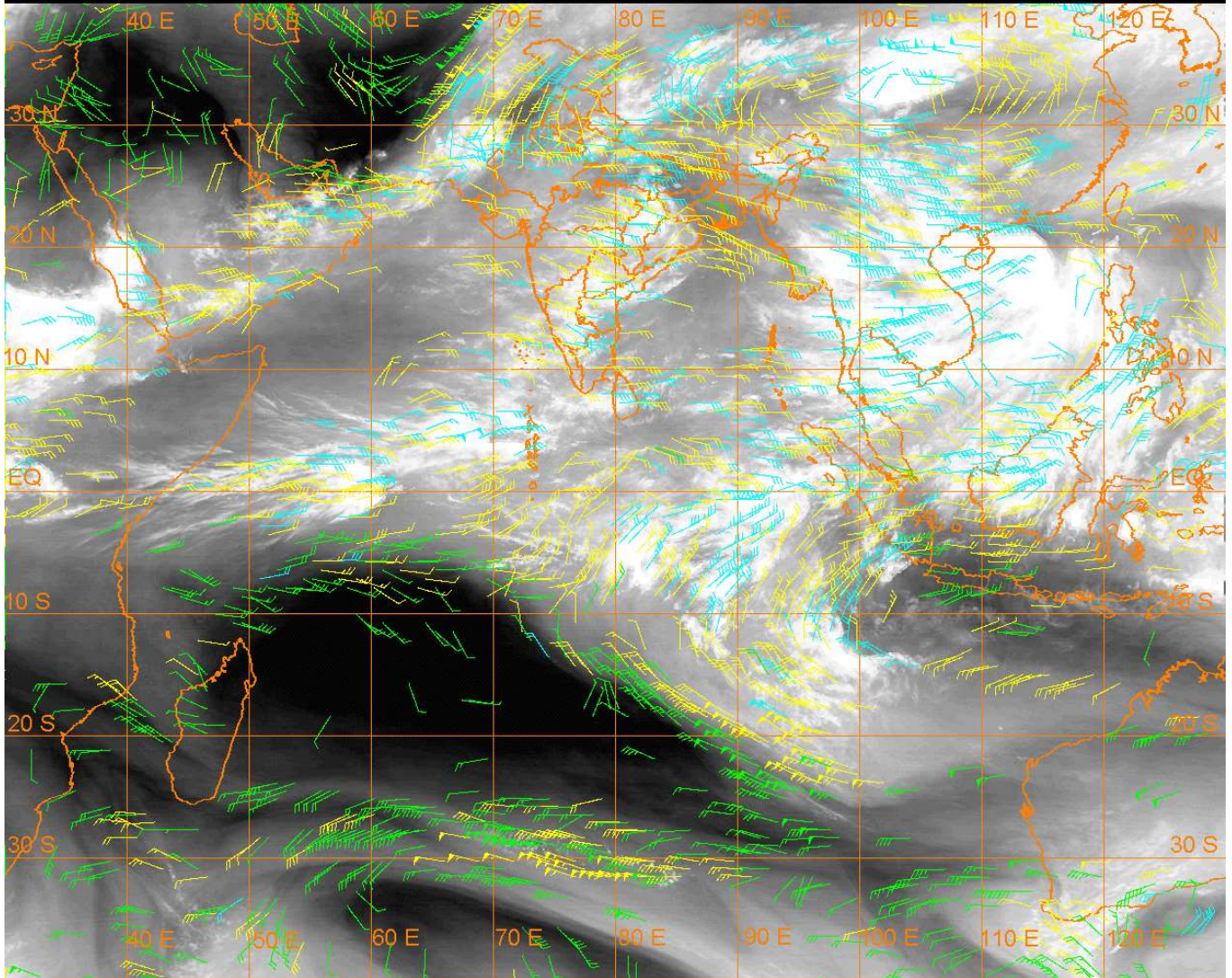
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N CHTGH EXT S ARUPR (MINIMUM CTT MINUS 93 DEG C) NW JHRKND SW BHR NE ASSAM NAGA (MINIMUM CTT MINUS 85 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S JHRKND S CHTGH SW ORS REST ARUPR (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E ORS SKM (.) SCT LOW/MED CLOUDS OVER E BHR NE JHRKND N SHWB MEGHA MANI MIZO (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE MP (MINIMUM CTT MINUS 93 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE MP VID MRTHWD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RAJ NW MP NE GUJ SOUTH MADHYA MAHA S KKN GOA (.)SCT LOW/MED CLOUDS OVER S GUJ NORTH MADHYA MAHA N KKN (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT SW TLNGN (MINIMUM CTT MINUS 75 DEG C) NW TN (MINIMUM CTT MINUS 85 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK REST TLNGN N COTL AP KER TN LKSDP ILS AND WK TO MOD CONVTN OVER NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER ANDAMAN ILS (.)

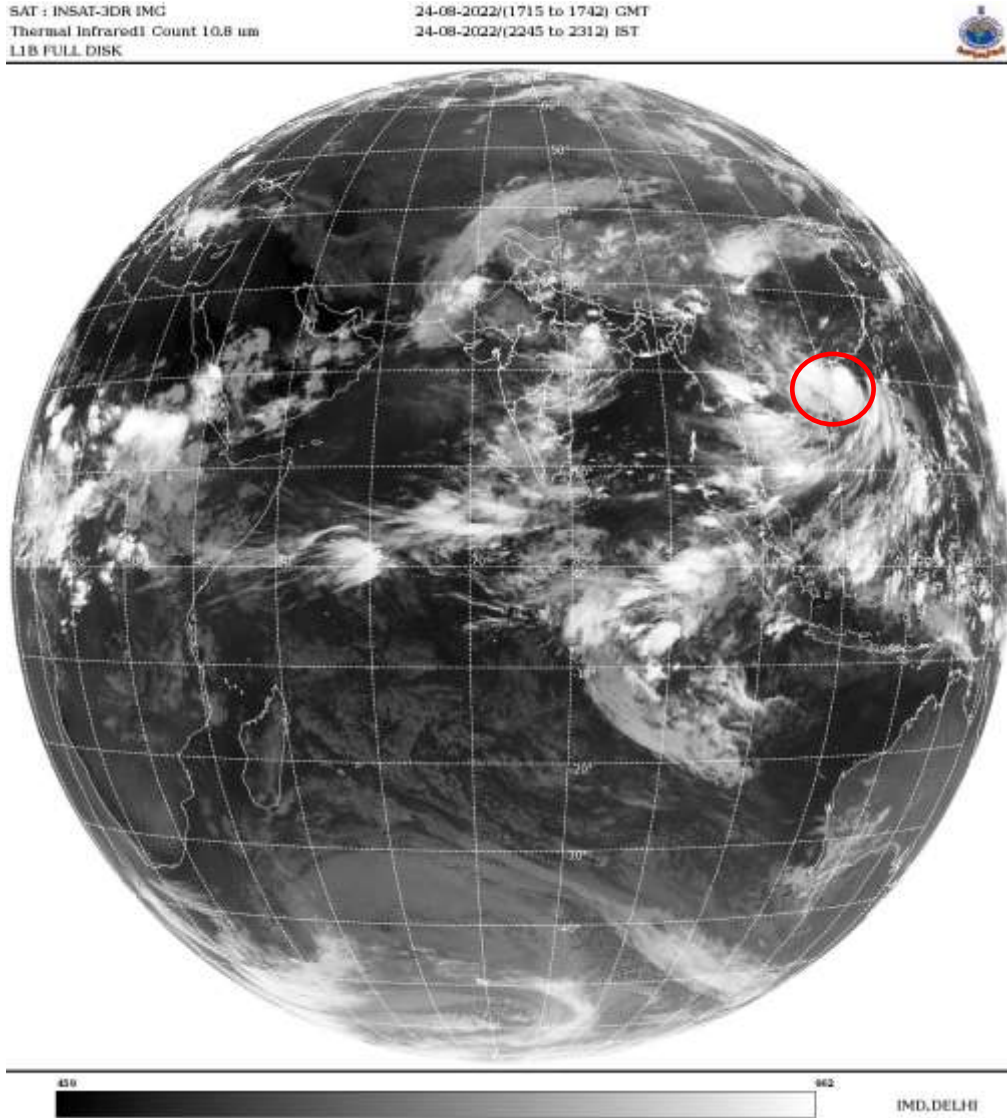
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NC ARSEA EC ARSEA OFF KRNTK COAST LKSDP ILS AREA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S ANDAMAN SEA ADJ SE BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC &SW BAY TENASSERIM COAST AND N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (MA-ON) OVER SOUTH CHINA SEA:-

VORTEX (MA-ON) OVER SOUTH CHINA SEA CENTERED NEAR **20.4N / 114.4E** (.) INTENSITY **T3.5/3.5** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 15.0N TO 21.0N LONG 106.5E TO 116.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA E CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 45.0E TO 104.0E AND BET LAT 10.0S TO 23.0S LONG 80.0E TO 105.0E (.)

TOO 24/2345 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
	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