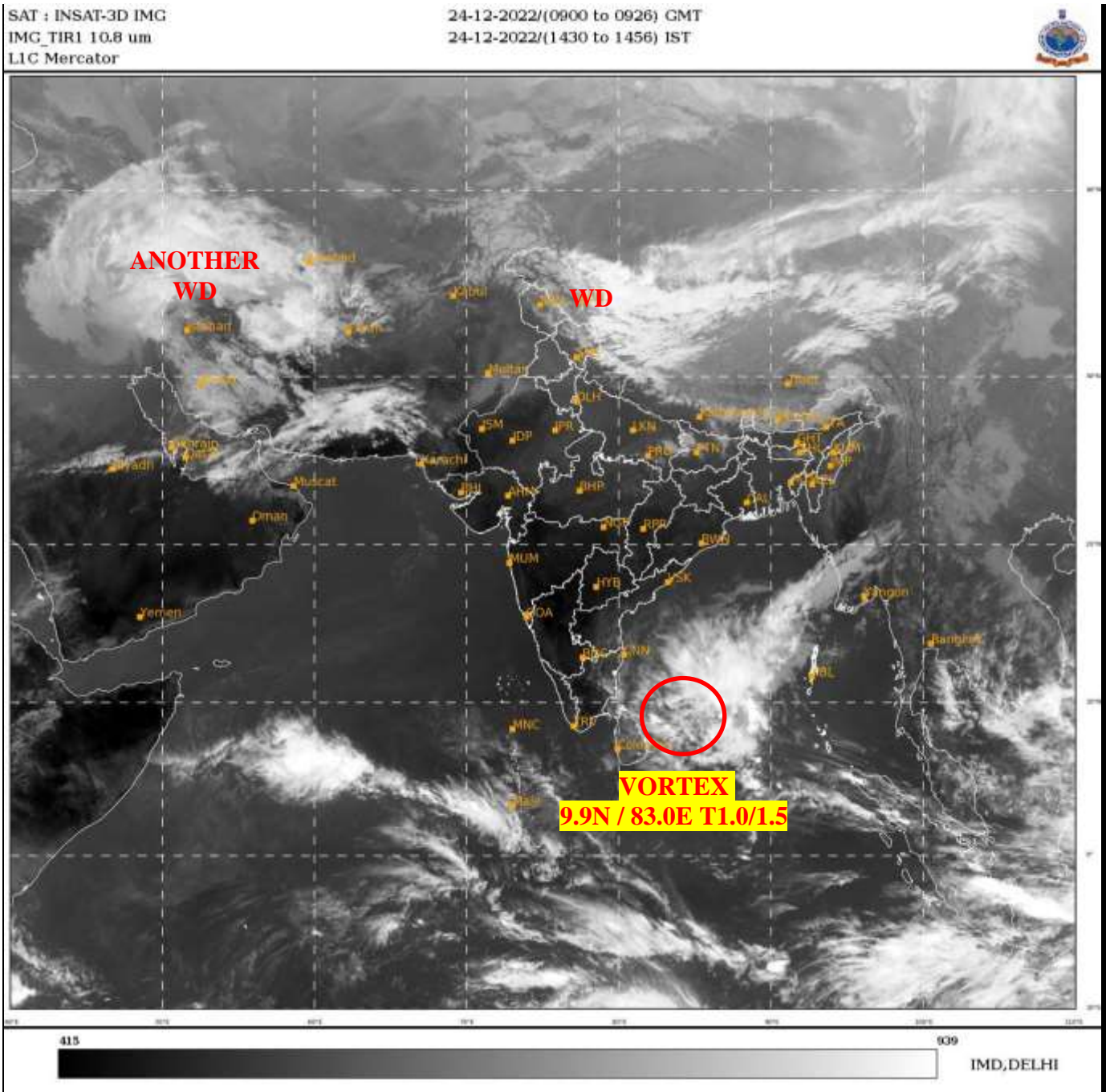




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
24.12.2022 TIME 0900 UTC



TCIN50 DEMS 240900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 240900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX OVER SOUTH-WEST BAY:-

VORTEX OVER SW BAY & N/HOOD CENTERED WITHIN HALF A DEGREE OF **9.9N / 83.0E** (.)
INTENSITY **T1.0/1.5** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO
VERY INTENSE CONVECTION OVER SOUTH ADJ CENTRAL BAY BET LAT 7.0N TO 14.5N LONG
82.0E TO 90.0E (.) MINIMUM CTT **MINUS 85 DEG** CEL (.) CONVECTION HAS DECREASED
DURING LAST 06 HRS (.)

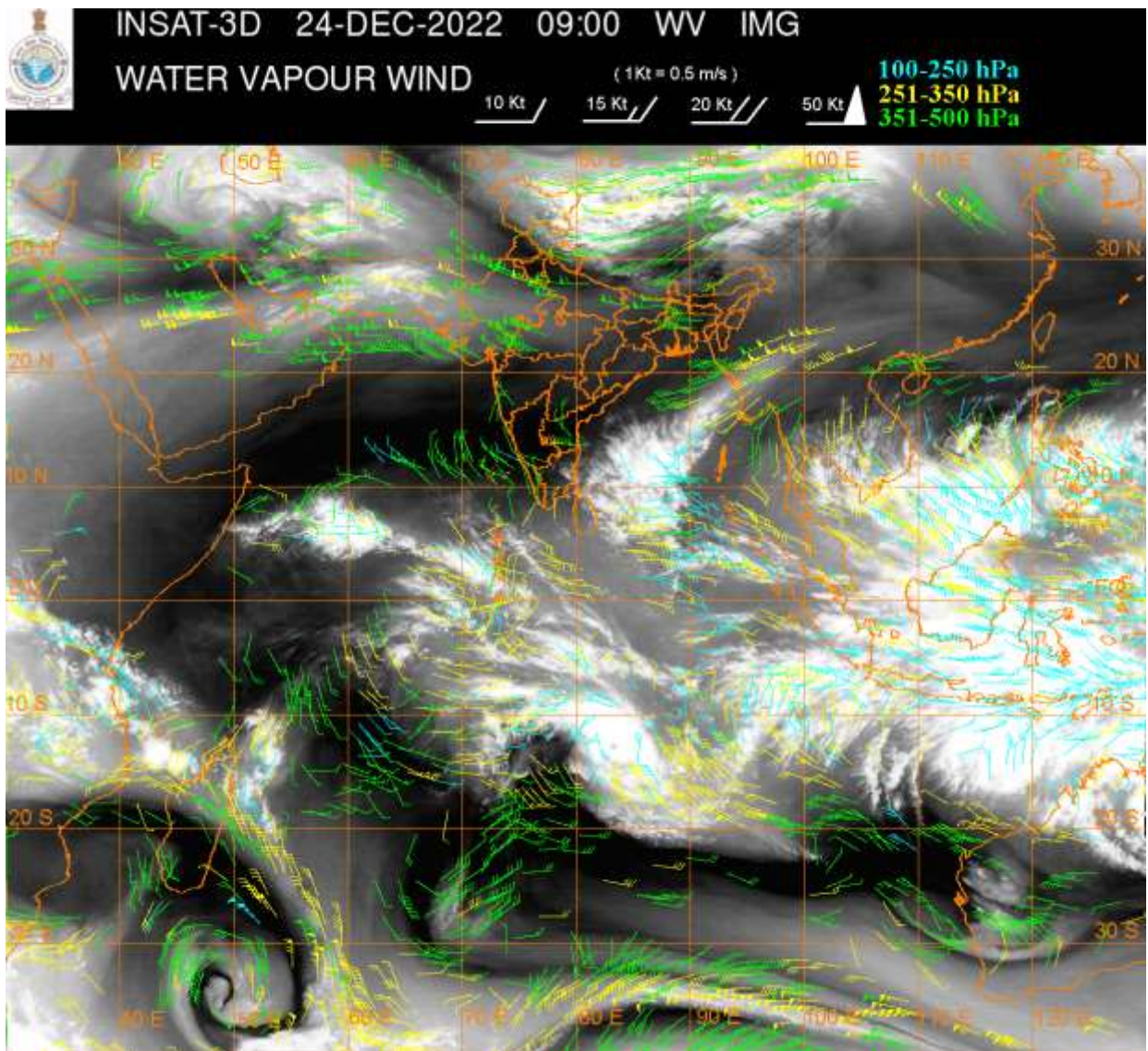
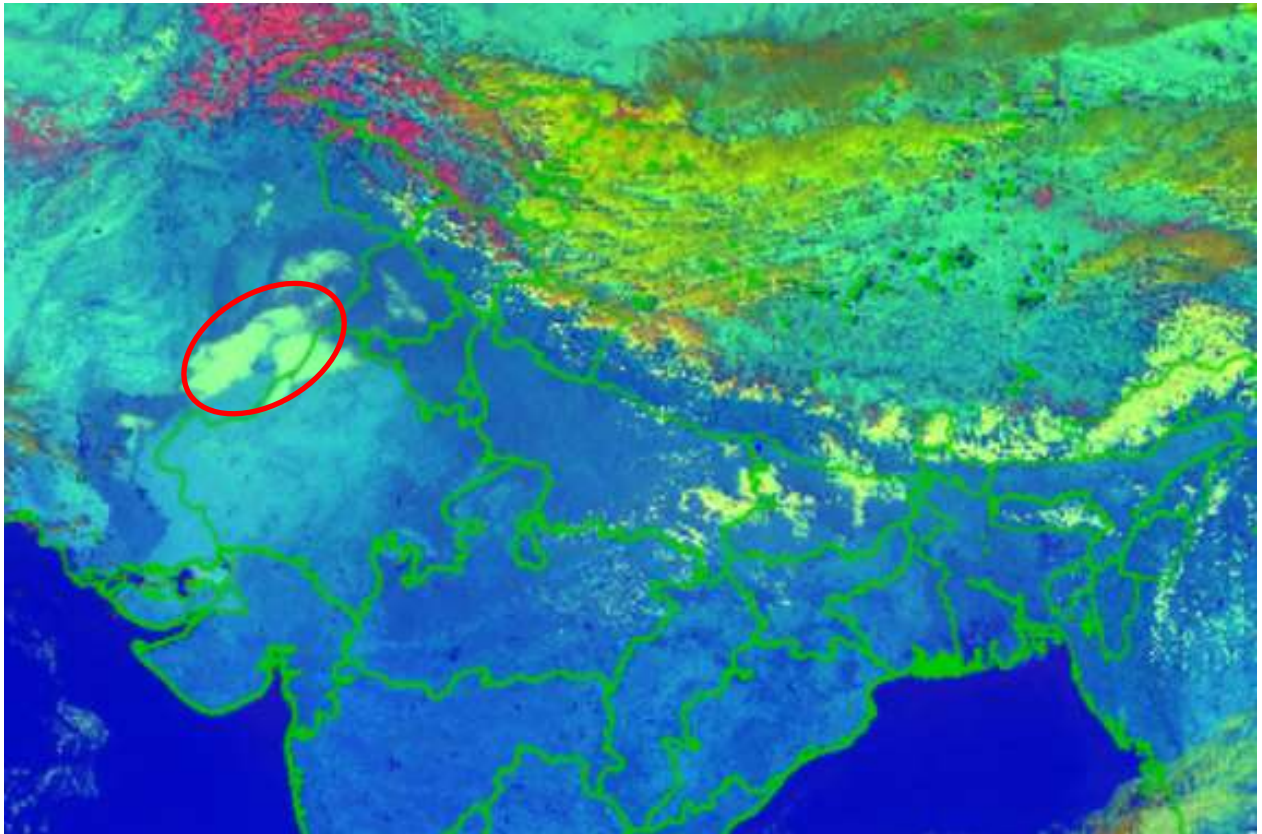
WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER LADAKH N TIBET ADJ CHINA IN ASSW **WD** OVER THE
AREA (.)

SCT MULTILAYERED CLOUDS OVER IRAN & N/HOOD IN ASSW **ANOTHER WD** OVER THE
AREA (.)

FOG / LOW CLOUDS:-

DAY MICROPHYSICS IMAGERY OF INSAT-3D AT 0900 UTC INDICATES SCT TO BKN FOG / LOW CLOUDS OVER EC PAK NW RAJ (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E LADAKH AND ISOL WK TO MOD CONVTN OVER W LADAKH J&K HP N UTRKND E UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N BHR SKM ARUPR
(.) SCT LOW/MED CLOUDS OVER NW JHRKND REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS OVER E MP (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER EC TN (.) SCT
LOW/MED CLOUDS OVER E RYLSMA S COTL AP S TN S KER ANDAMAN & NICOBAR ILS (.)

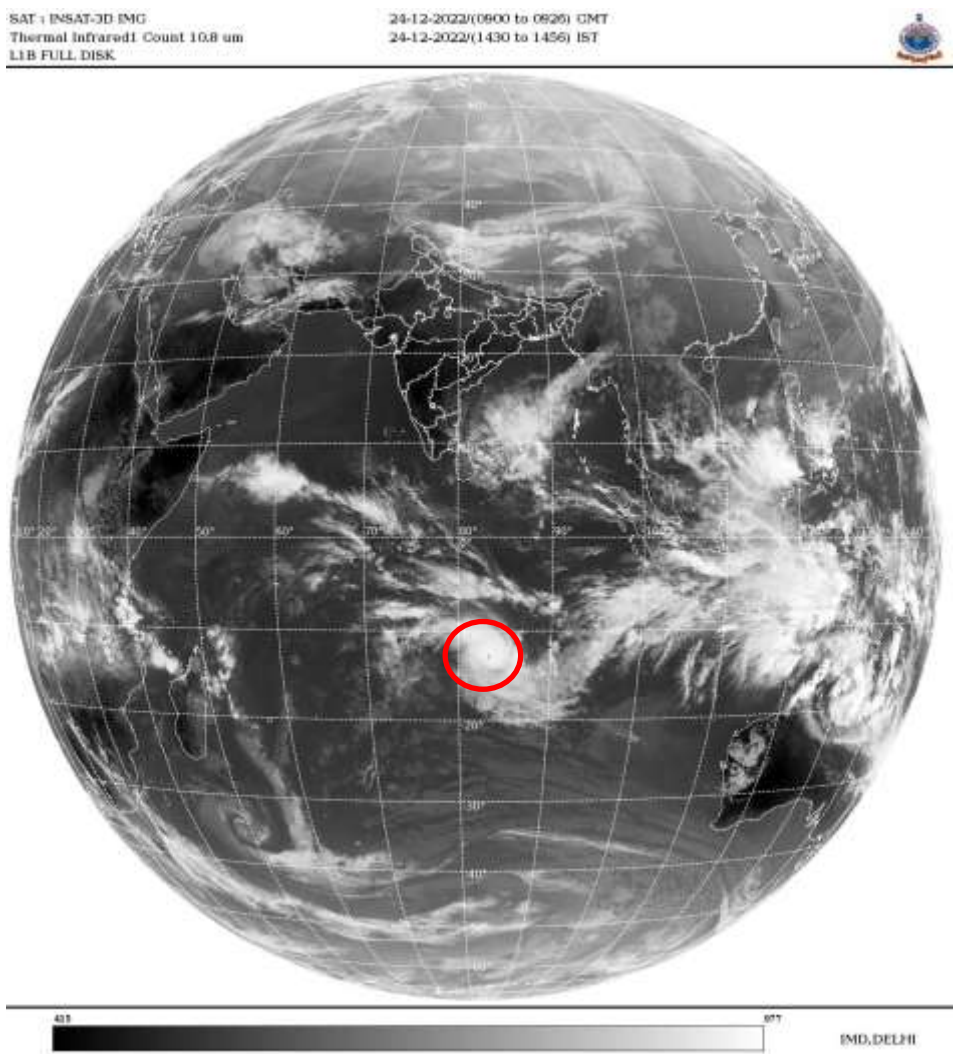
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH PARTS OF SW
ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH &
CENTRAL BAY (.)SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE BAY
(.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (DARIAN) OVER SOUTH INDIAN OCEAN:-

VORTEX (**DARIAN**) OVER SOUTH INDIAN OCEAN (**AREA-E85**) CENTERED NEAR **12.7S / 83.4E** (.)
INTENSITY **T5.5/5.5** (.) CORRESPONDING MAXIMUM SUSTAINED WINDS **90-119 KTS** (.) ASSTD
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 9.0S TO
14.0S AND LONG 80.0E TO 86.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S MALDIVES TIBET ADJ
CHINA SUMATRA STR OF MALACCA MALAYSIA GULF OF THAILAND CAMBODIA BORNEO
SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES N MOZAMBIQUE
CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 70.0E TO 125.0E (.)

TOO 24/1540 HRS IST=

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	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