

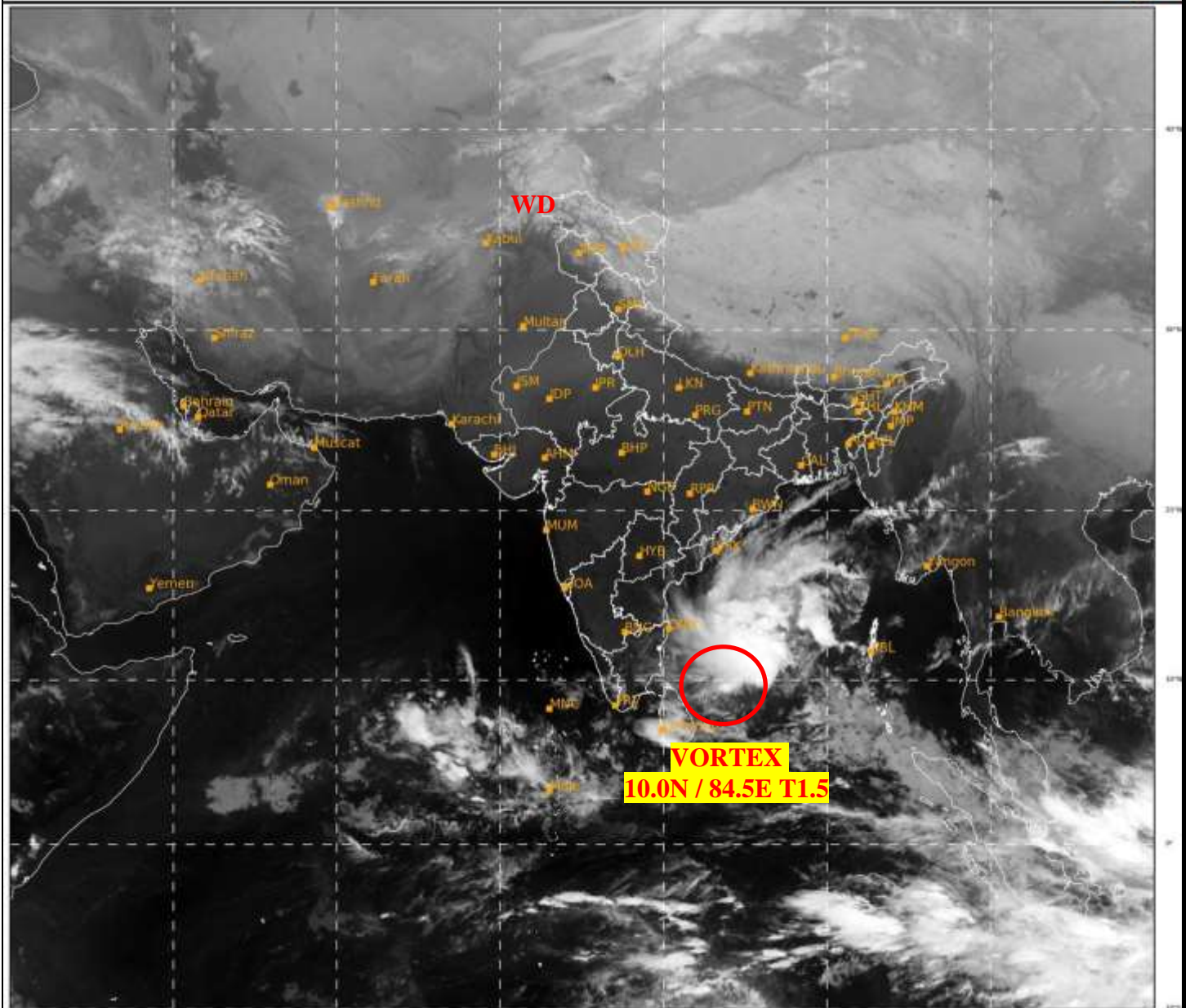


**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**

22.12.2022 TIME 1500 UTC

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

22-12-2022/(1500 to 1526) GMT
22-12-2022/(2030 to 2056) IST



524

948

IMD, DELHI

TCIN50 DEMS 221500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 221500 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:-

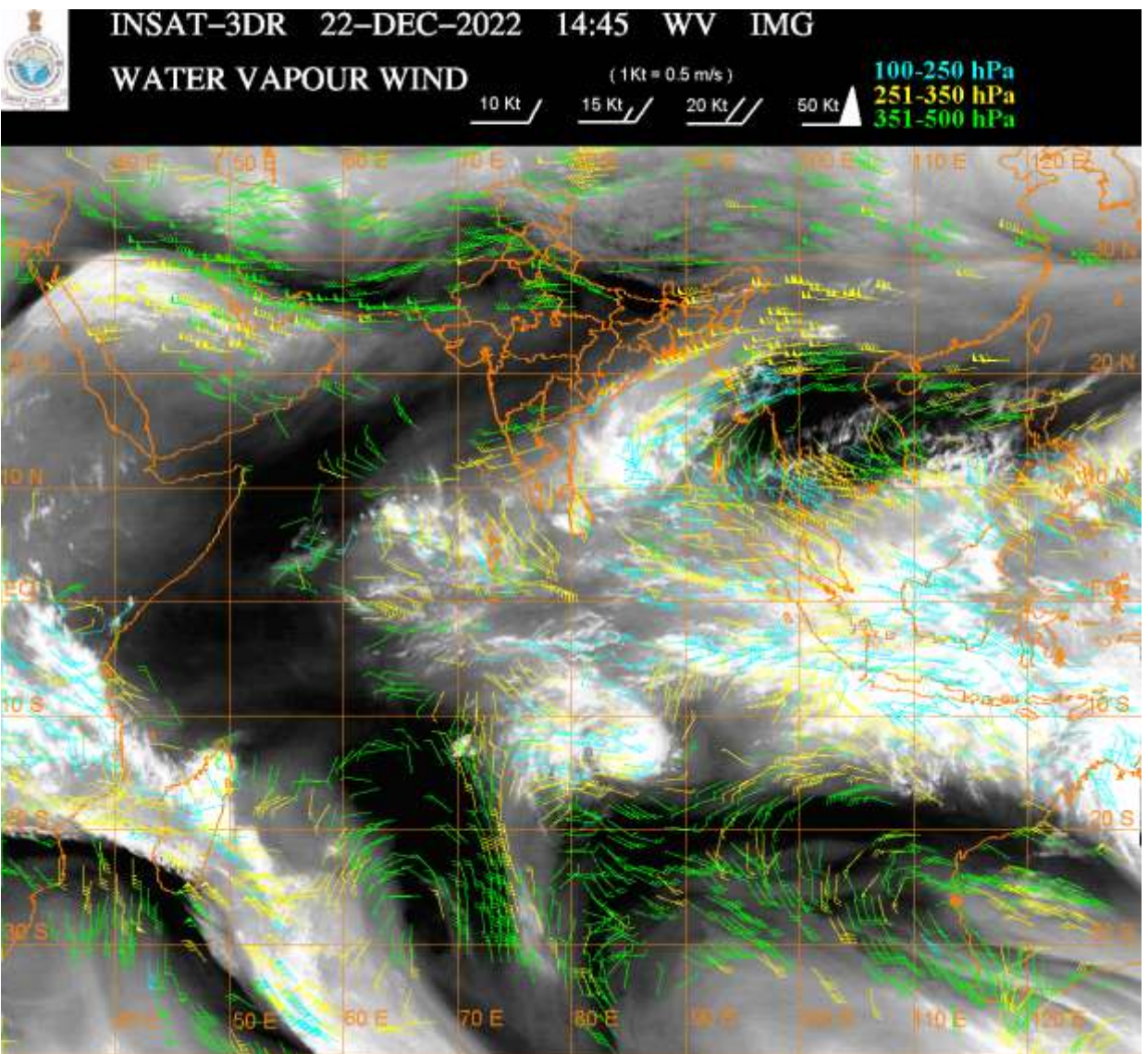
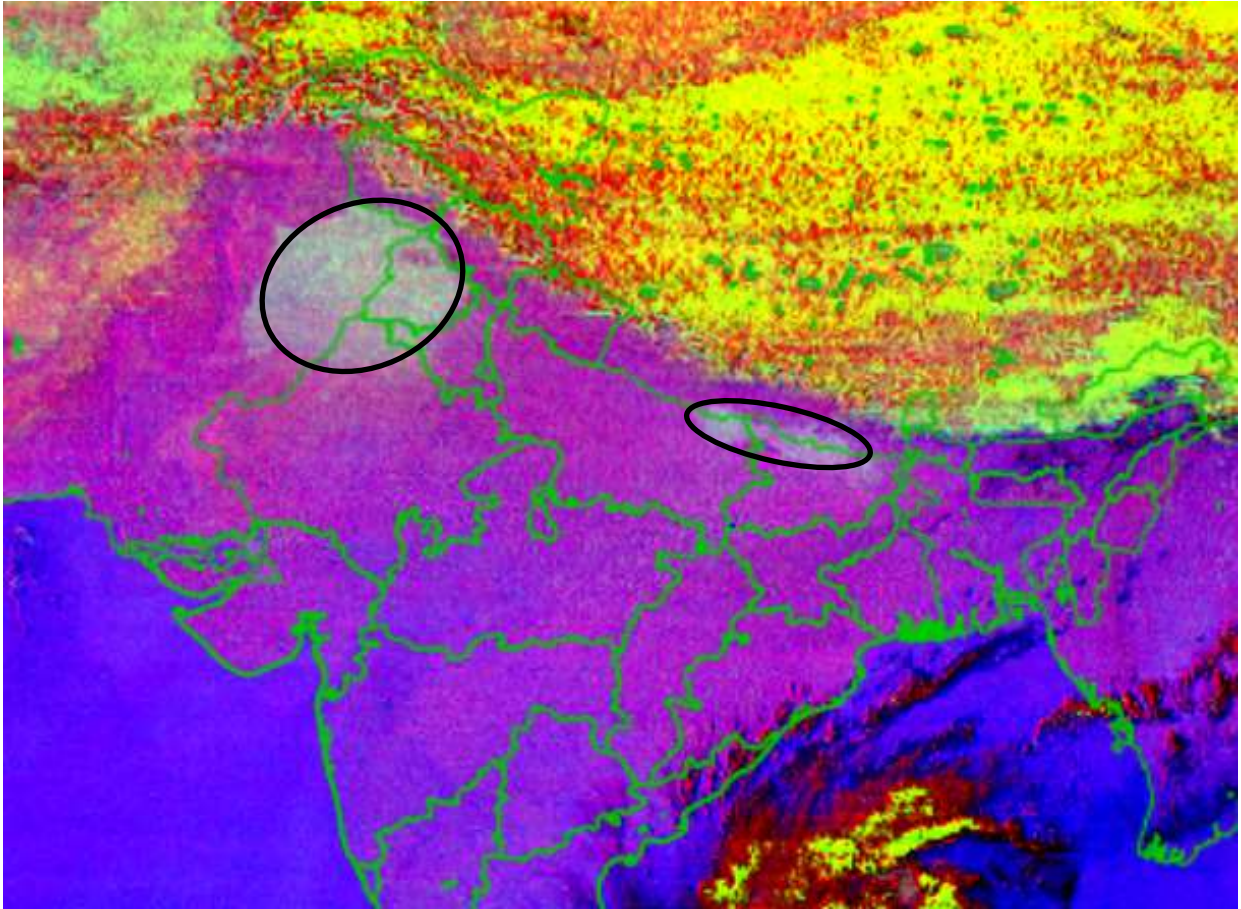
VORTEX OVER SW BAY & N/HOOD NOW LAY CENTERED WITHIN HALF A DEGREE OF **10.0N / 84.5E** (.) INTENSITY **T1.5** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SW ADJ SE BAY & ADJ CENTRAL BAY (.) MINIMUM CTT **MINUS 93 DEG CEL** (.)

WESTERN DISTURBANCE:-

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

FOG/LOW CLOUDS:-

**NIGHT MICROPHYSICS AT 1500 UTC INDICATES SCT TO BKN FOG/LOW CLOUDS OVER EC
PAK PJB NW RAJ EXT W HARY EXT NE UP N BHR (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONV TN OVER LADAKH N HP N UTRKND (.)
SCT LOW/MED CLOUDS OVER J&K S HP S UTRKND (.)**

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S ORS SKM ASSAM ARUPR (.) SCT LOW/MED CLOUDS OVER NE JHRKND S CHTGH NE ORS EXT N GWB N SHWB REST NE STATES (.)

WEST:-

NO SIG CLOUDS OVER THE REGION (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD OVER COTL AP TN KER ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S TLNGN RYLSM SOUTH SIK LKSDP ILS (.)

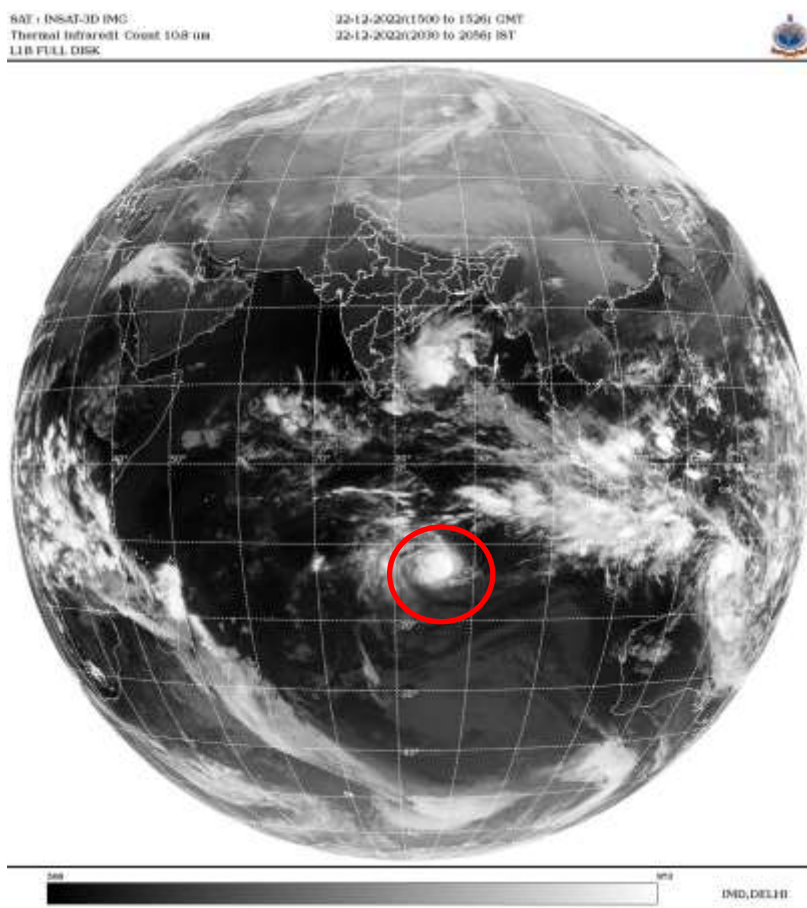
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL PARTS OF SOUTH ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW& REST SOUTH ARSEA & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (DARIAN) OVER SOUTH INDIAN OCEAN:-

VORTEX (**DARIAN**) OVER SOUTH INDIAN OCEAN (**AREA-H85**) CENTERED NEAR **12.8S / 86.4E** (.) INTENSITY **T5.0/5.5** (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF **90 TO 119 KTS** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0S TO 15.5S AND LONG 83.0E TO 88.5E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 16.5S AND LONG 60.0E TO 125.0E (.)

TOO 22/2145 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
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