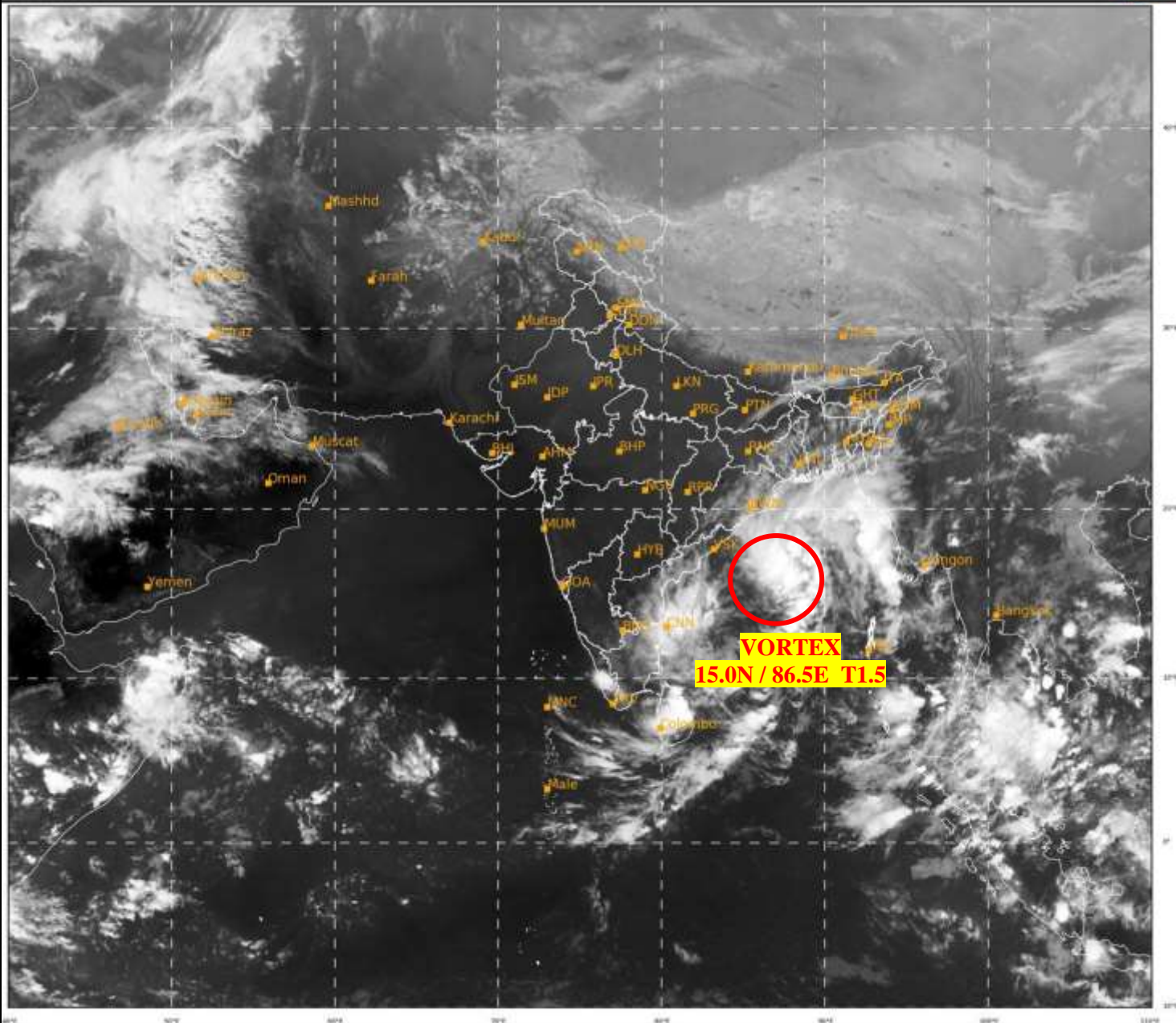




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
15.11.2023 TIME 1200 UTC

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

15-11-2023/(1200 to 1226) GMT
15-11-2023/(1730 to 1756) IST



442

949

IMD, DELHI

TCIN50 DEMS 151200

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 151200 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 WEST-CENTRAL ADJOINING EAST-CENTRAL BAY:-

VORTEX OVER WC ADJ EC BAY NOW LAY CENTERED WITHIN HALF A DEGREE OF **15.0N/86.5E** (.) INTENSITY **T1.5/1.5** (.) SHEAR PATTERN (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL ADJ NORTH BAY BET LAT 13.0N TO 21.0N LONG 85.5E TO 92.0E (.) MINIMUM CTT **MINUS 89** DEG CEL (.)

CONVECTION OVER SOUTH-WEST BAY & N/HOOD:-

SCATTERED INTENSE CONVECTION OVER SW BAY & N/HOOD PERSISTS (.) MINIMUM CTT **MINUS 73** DEG CEL (.)



INSAT-3D 15-NOV-2023 12:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

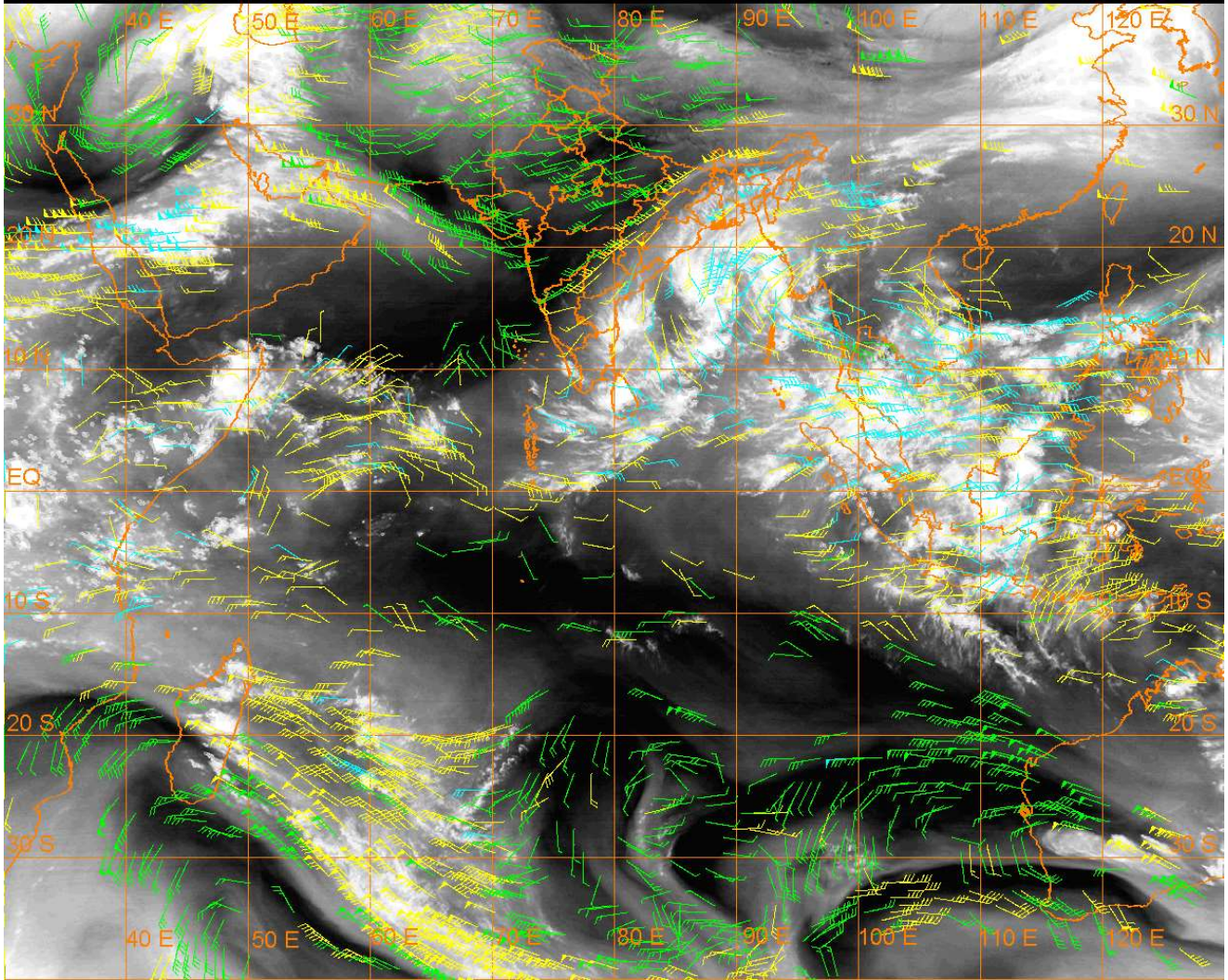
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER LADAKH (.) SCT LOW/MED CLOUDS OVER N HP N UTRKND (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E BHR SE JHRKND E ORS GWB NORTH SHWB NE- STATES & BD (.) SCT LOW/MED CLOUDS OVER CHTGH NE JHRKND SKM (.)

WEST:-

NO SIGNIFICANT CLOUDS OVER RAJ GUJ MP MAHA & GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT S COTL AP NE TN S KER (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST COTL AP REST TN ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER KRNTK RYLSM N KER LKSDP ILS AREA (.)

ARABIAN SEA:-

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

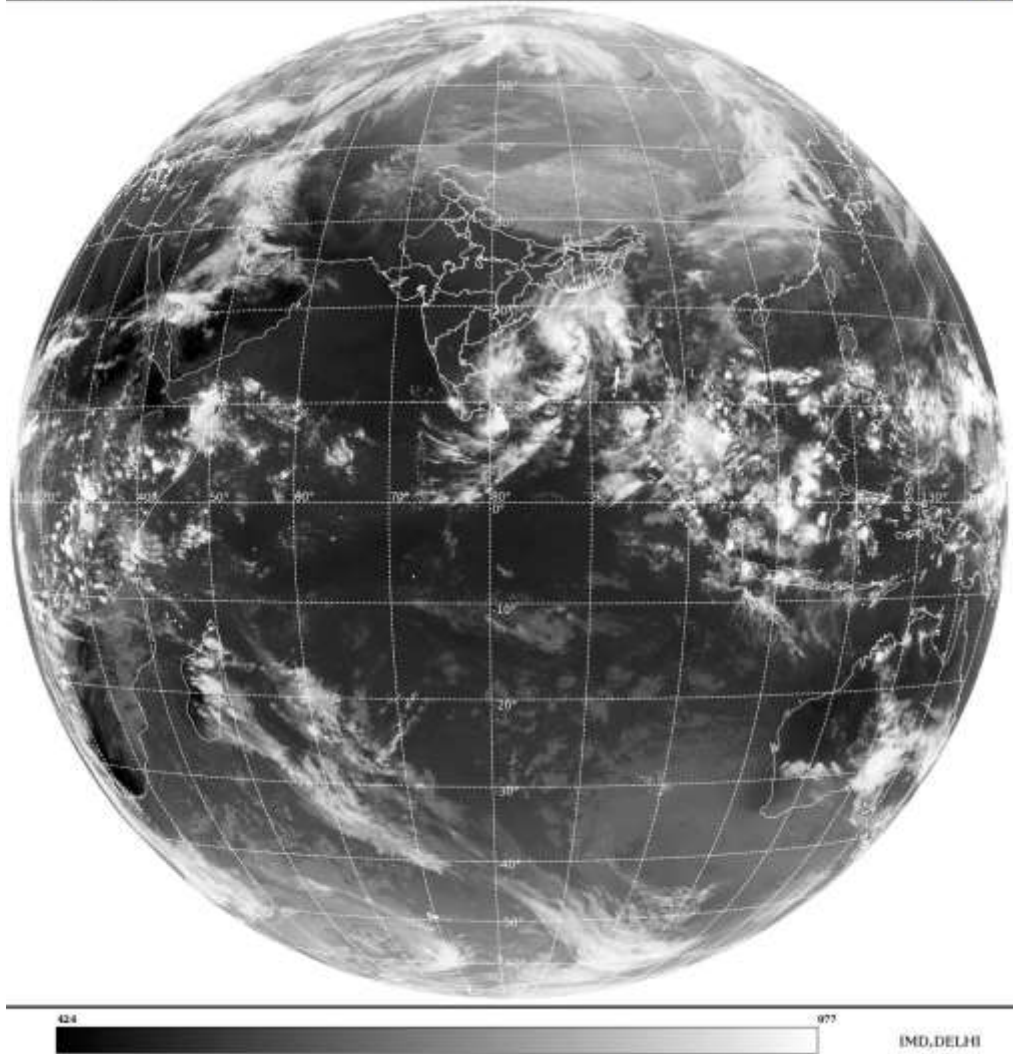
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
LIB FULL DISK

15-11-2023/(1200 to 1226) GMT
15-11-2023/(1730 to 1756) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SRI LANKA PALK STR GULF OF MANNAR TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS PHILIPPINES YELLOW SEA N MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 5.0S LONG 40.0E TO 100.0E AND BET LAT 15.0S TO 35.0S LONG 50.0E TO 72.0E (.)

TOO 15/1845 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