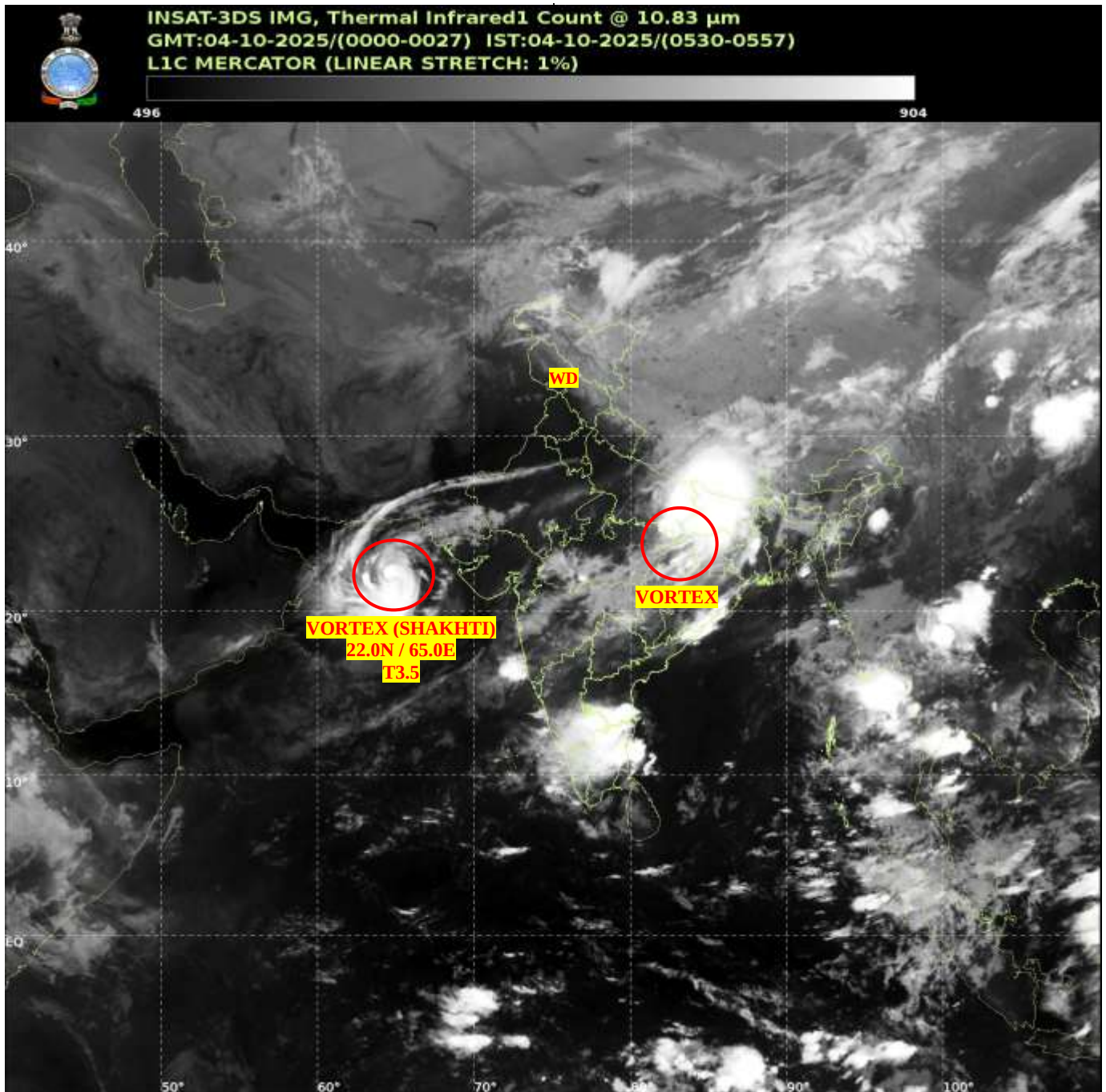




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
04.10.2025 TIME 0000 UTC



TCIN50 DEMS 040000

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 040000 UTC (.)

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

SALIENT FEATURES:-

VORTEX (SHAKHTI) OVER NORTH-EAST ARABIAN SEA & N/HOOD:-

VORTEX (**SHAKHTI**) OVER NORTH-EAST ARABIAN SEA & N/HOOD HAS FURTHER INTENSIFIED AND LAY CENTERED NEAR **22.0N / 65.0E** (.) INTENSITY **T3.5** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER NORTH ARSEA (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MODERATE TO INTENSE CONVECTION OVER SOUTH PAK (MINIMUM **CTT MINUS 40-60 DEG CEL**) (.)

VORTEX OVER NORTH CHHATTISGARH & N/HOOD:-

VORTEX OVER NORTH CHHATTISGARH & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVTN OVER E UP BHR JHRKND E NEPAL (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MODERATE TO INTENSE CONVECTION OVER E MP CHTGH ORS GWB SHWB SKM (MINIMUM **CTT MINUS 40-70 DEG CEL**) (.)

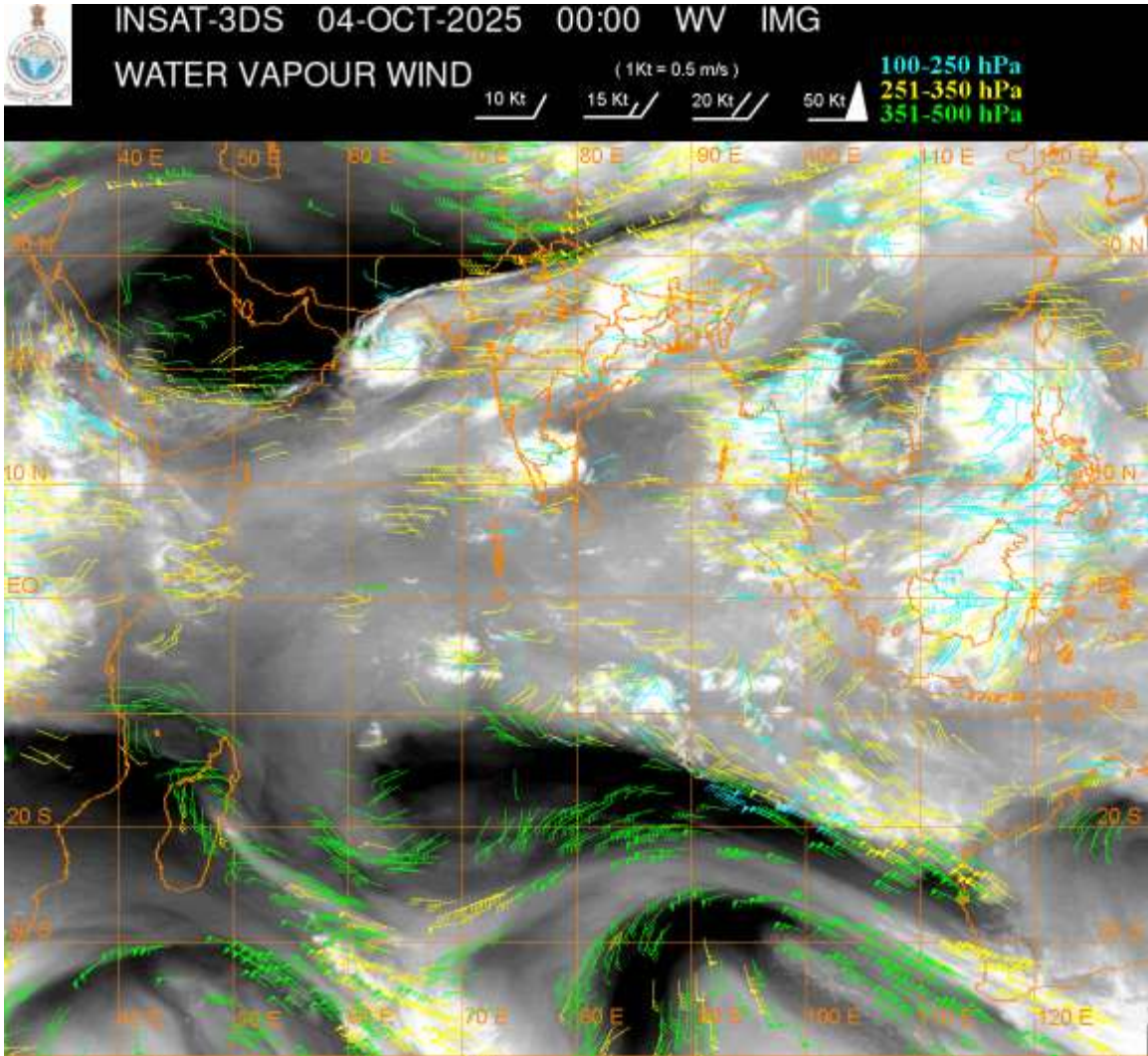
WESTERN DISTURBANCE (WD) :-

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP UTRKND & N/HOOD IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER E UP BHR JHRKND SOUTH SIK S RYLSM COTL AP TN (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH CHTGH ORS GWB SHWB SKM MP MAHA KER LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM **CTT MINUS 40-70 DEG CEL**) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR JHRKND AND MOD TO INT CONVTN OVER CHTGH ORS GWB SHWB SKM (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NORTH-EAST STATES & BD (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MP MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER RAJ KUTCH SAURASHTRA GUJ REGION GOA (.)

SOUTH:-

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

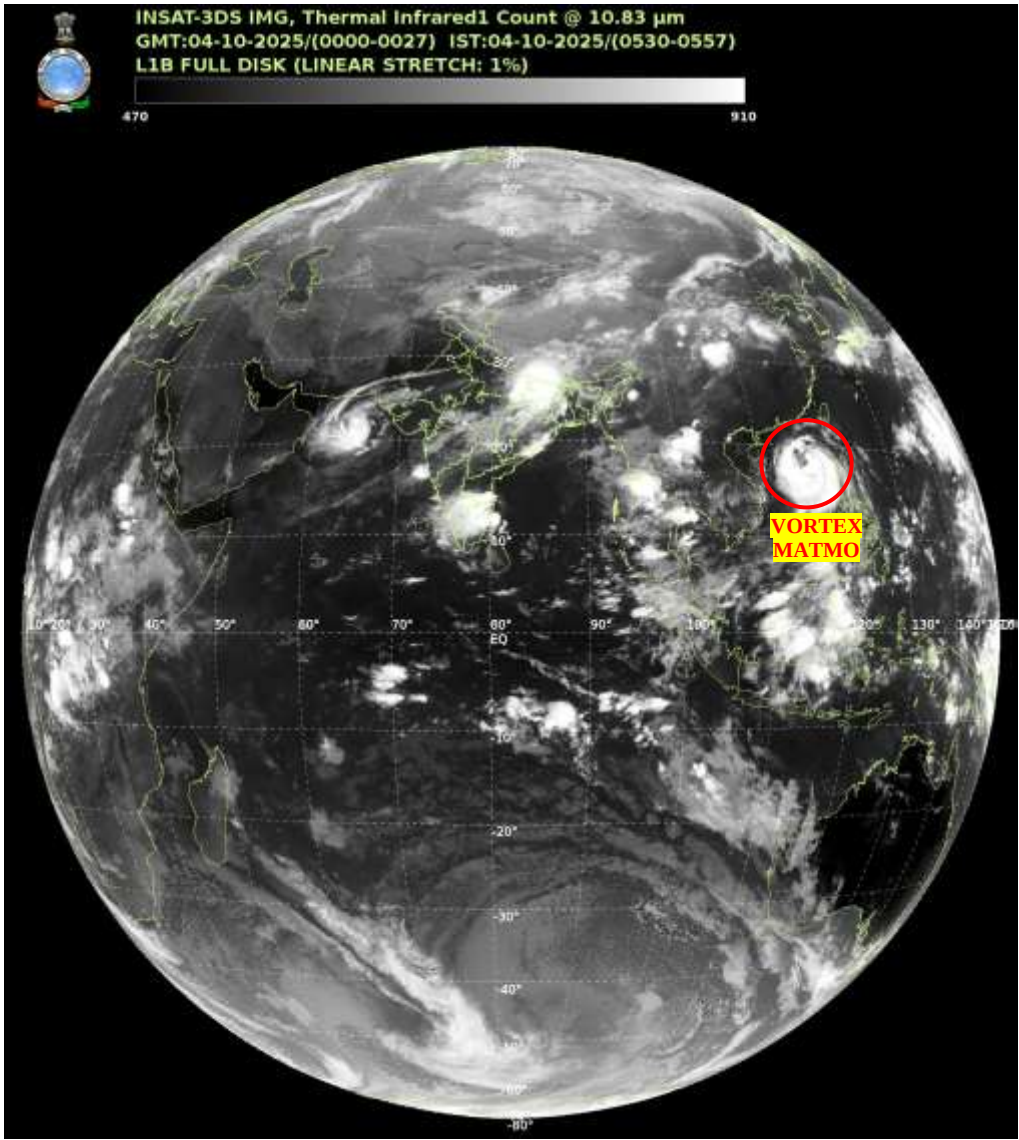
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA OFF MAHA – KRNTK COASTS SE ARSEA OFF KER COAST LKSDP ILS AREA MALDIVES & COMORIN AREA AND ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY OFF SOUTH ORS COAST WC & SW BAY OFF SOUTH AP – NORTH TN COASTS ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (MATMO) OVER SOUTH CHINA SEA & N/HOOD:-

VORTEX (**MATMO**) OVER SOUTH CHINA SEA & N/HOOD (**AREA F05**) CENTERED NEAR **18.3N / 116.8E** (.) INTENSITY **T4.0/4.0** (.) MAXIMUM SUSTAINED WINDS **64-89 KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 12.0N TO 22.0N LONG 110.0E TO 120.0E & PHILIPPINES (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PALK STR GULF OF MANNAR MALDIVES SOUTH PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 60.0E TO 120.0E (.)

TOO 04/0745 EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS 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 TERITORIES	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