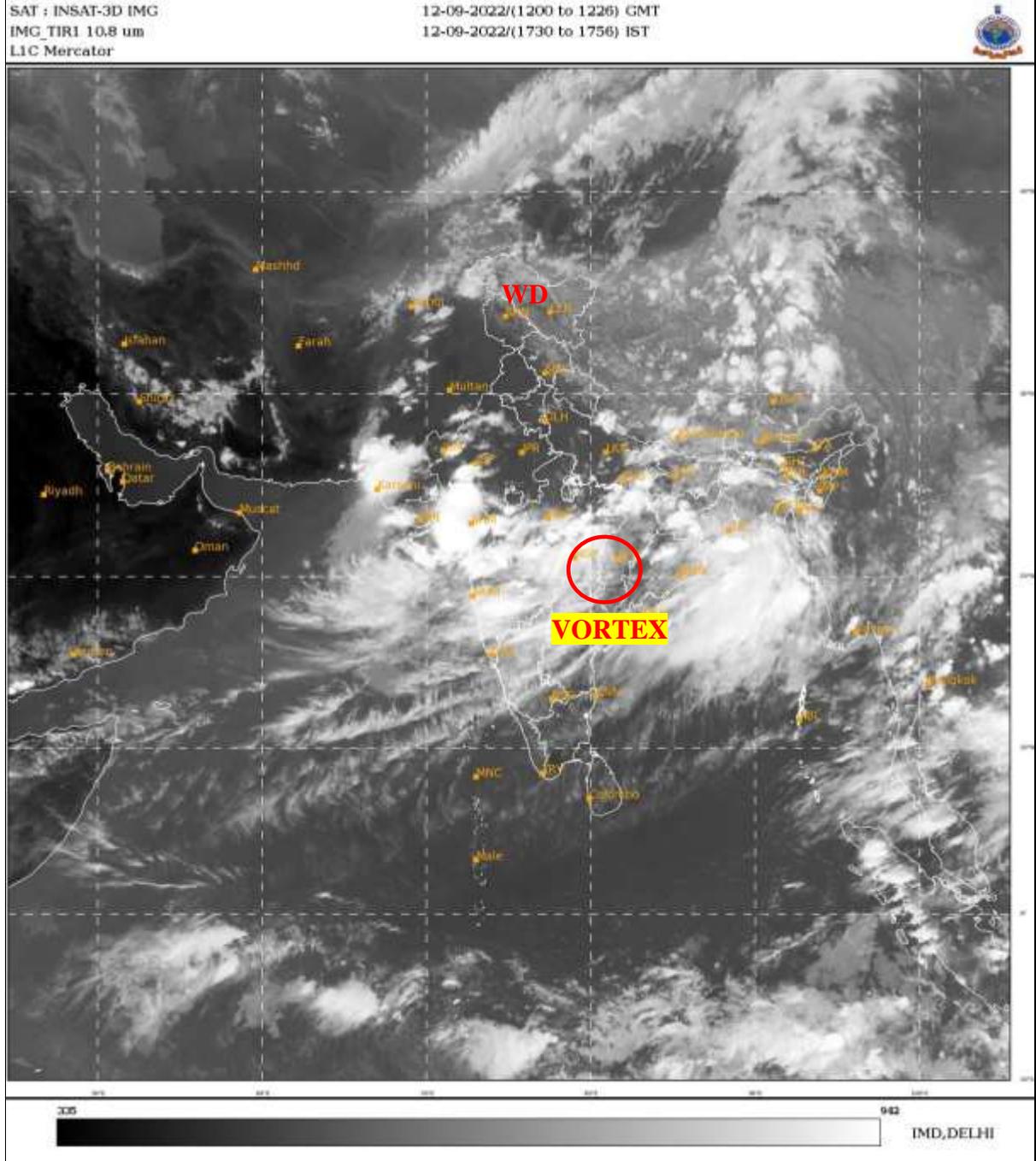




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
12.09.2022 TIME 1200 UTC



TCIN50 DEMS 121200

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 121200 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 SOUTH-EAST MADHYA PRADESH & N/HOOD:-

VORTEX OVER SE MP & N/HOOD (.) CENTRE NOT CLEARLY DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH S MP VID TLNGN (.) MINIMUM CTT MINUS **80** DEG C (.)

CONVECTION OVER EAST CENTRAL ARSEA OFF MAHARASHTRA COAST:-

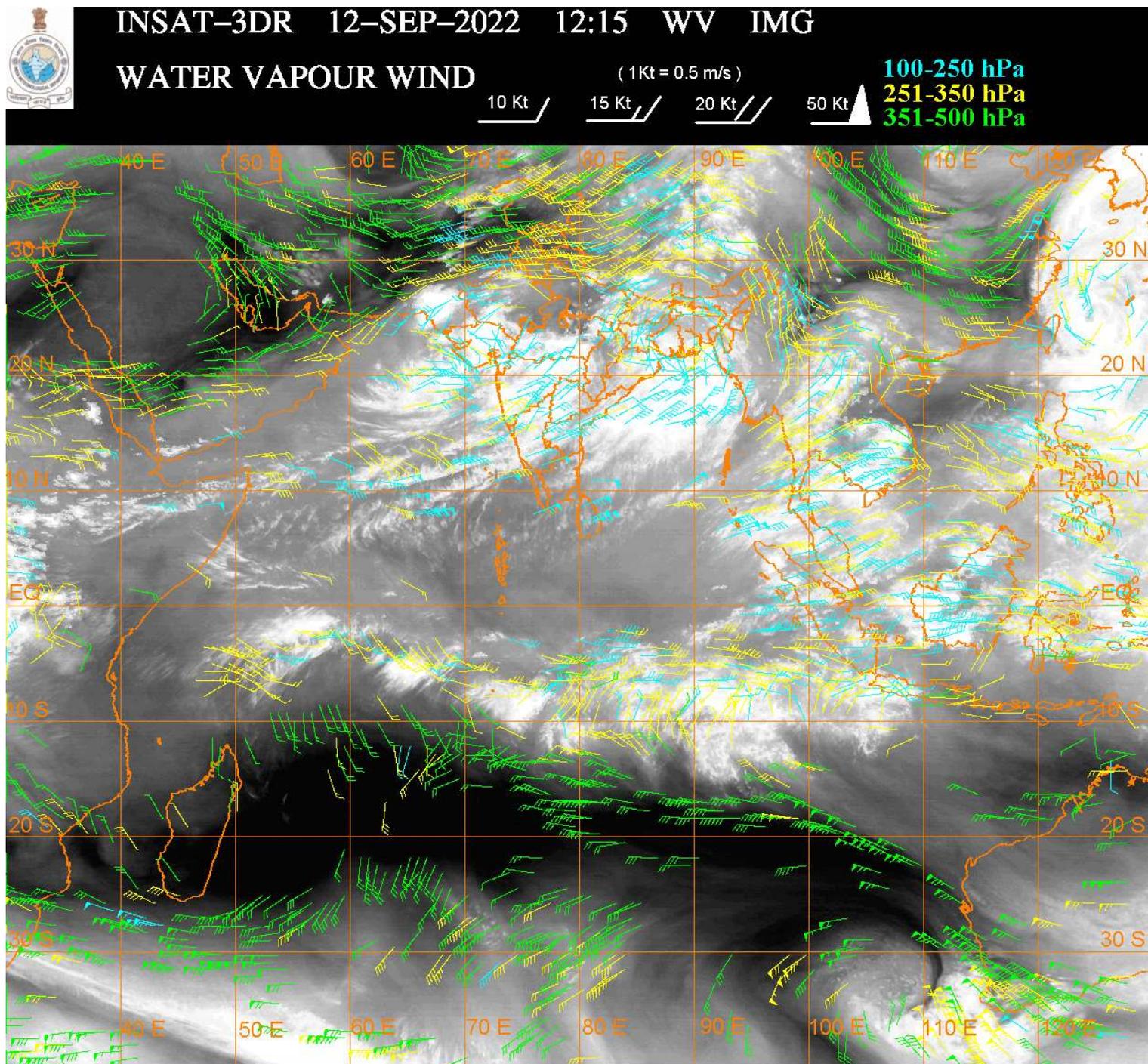
INTENSE CONVECTION OVER EC ARSEA OFF MAHA-GOIA COAST PERSISTS (.) MINIMUM CTT MINUS **70** DEG C (.)

WESTERN DISTURBANCE:-

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

INTENSE CONVECTIVE CLOUDS :-

**INTENSE CONVECTIVE CLOUDS OBSERVED OVER JHRKND N CHTGH S GWB COTL ORS S MP
GUJ MAHA S RAJ E UP NIK W ASSAM TLNGN N COTL AP (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

**SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NW LADAKH EC UP N(.)
SCT LOW/MED CLOUDS OVER PJB HARY DLH HP REST UP (.)**

EAST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N CHTGH N
COTL ORS JHRKND (MINIMUM CTT MINUS 84 DEG C) S GWB & S BD (MINIMUM CTT MINUS 93
DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S
CHTGH S COTL ORS N GWB SHWB WC ASSAM MEGHA S MIZO MANI BD AND ISOL WK TO
MOD CONVTN OVER SKM REST NE STATES (.)**

WEST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER VID N M MAHA
GUJ S RAJ S MP (MINIMUM CTT MINUS 93 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH
EMBDD MOD TO INT CONVTN OVER NW RAJ N MP REST MAHA & GOA (.) SCT LOW/MED
CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST RAJ (.)**

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK TLNGN NIK(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RYLSM KER REST KRNTK N TN LKSDP ILS ANDAMAN ILS (.)SCT LOW/MED CLOUDS OVER S TN & NICOBAR ILS (.)

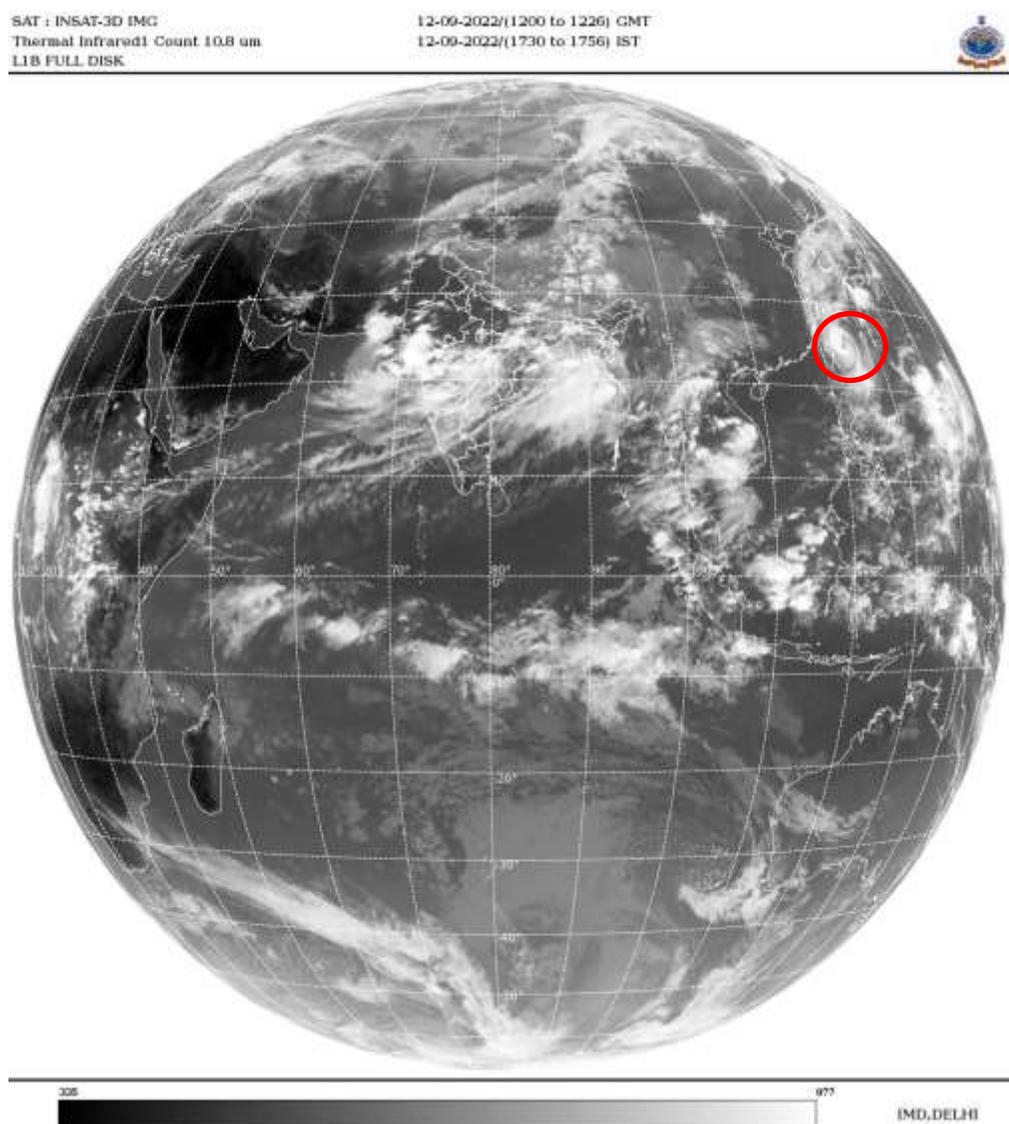
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ADJ EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA AND WK TO MOD CONVTN OVER WC ARSEA GULF OF KUTCH GULF OF CAMBAY AND LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (MUIFA) OVER EAST CHINA SEA:-

VORTEX (MUIFA) OVER EAST CHINA SEA CENTERED NEAR 24.7N / 124.1E (.) INTENSITY T4.5/4.5 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 20.0N TO 28.0N LONG 122.0E TO 127.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK NEPAL BHUTAN TIBET CHINA E 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 AND OVER INDIAN OCEAN BET EQT TO 14.0S LONG 51.0E TO 109.0E (.)

TOO 12/1830 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	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