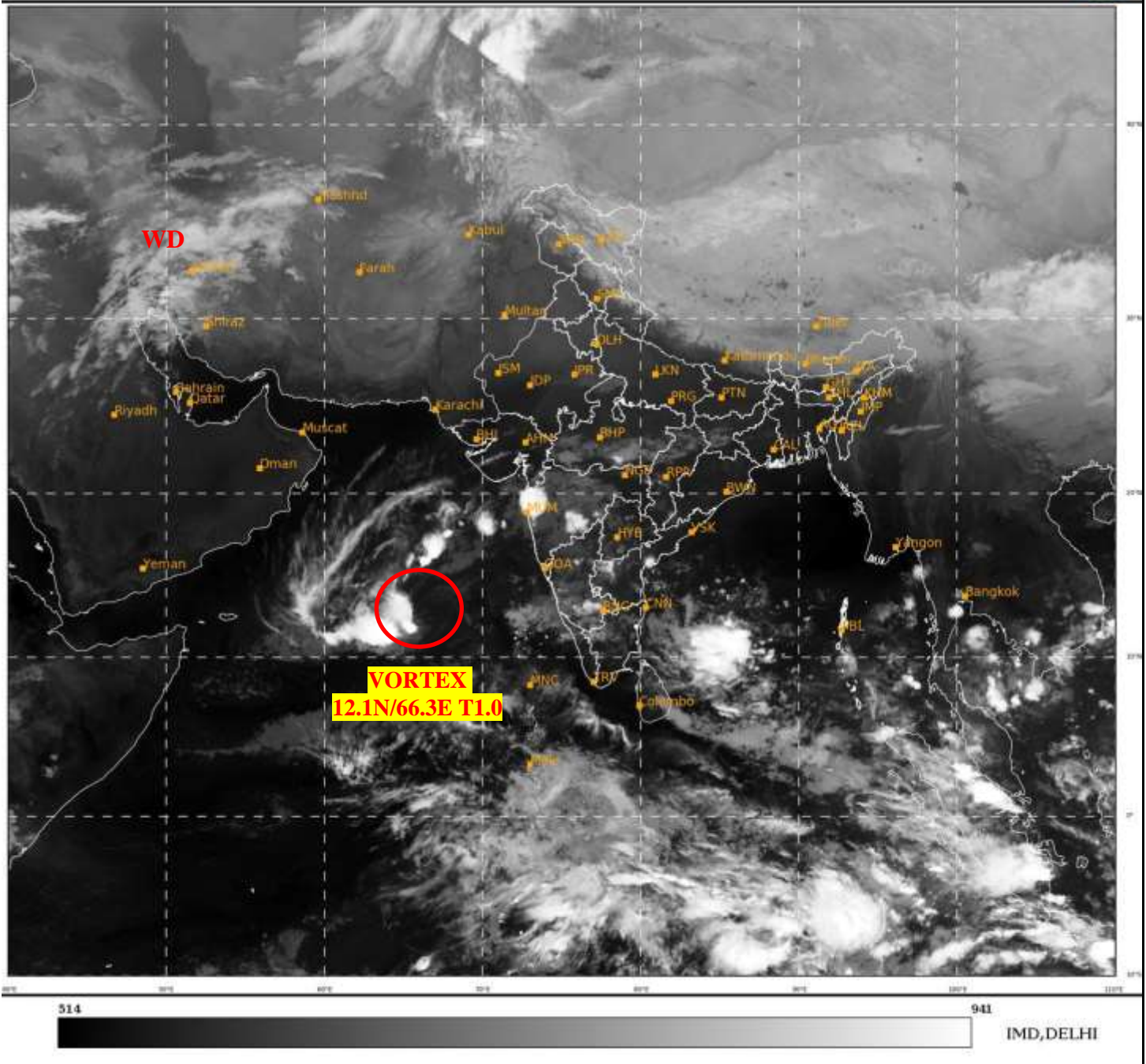




SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
21.11.2021 TIME 1800 UTC

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

21-11-2021/(1630 to 1656) GMT
21-11-2021/(2200 to 2226) IST



TCIN50 DEMS 211800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 211630 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

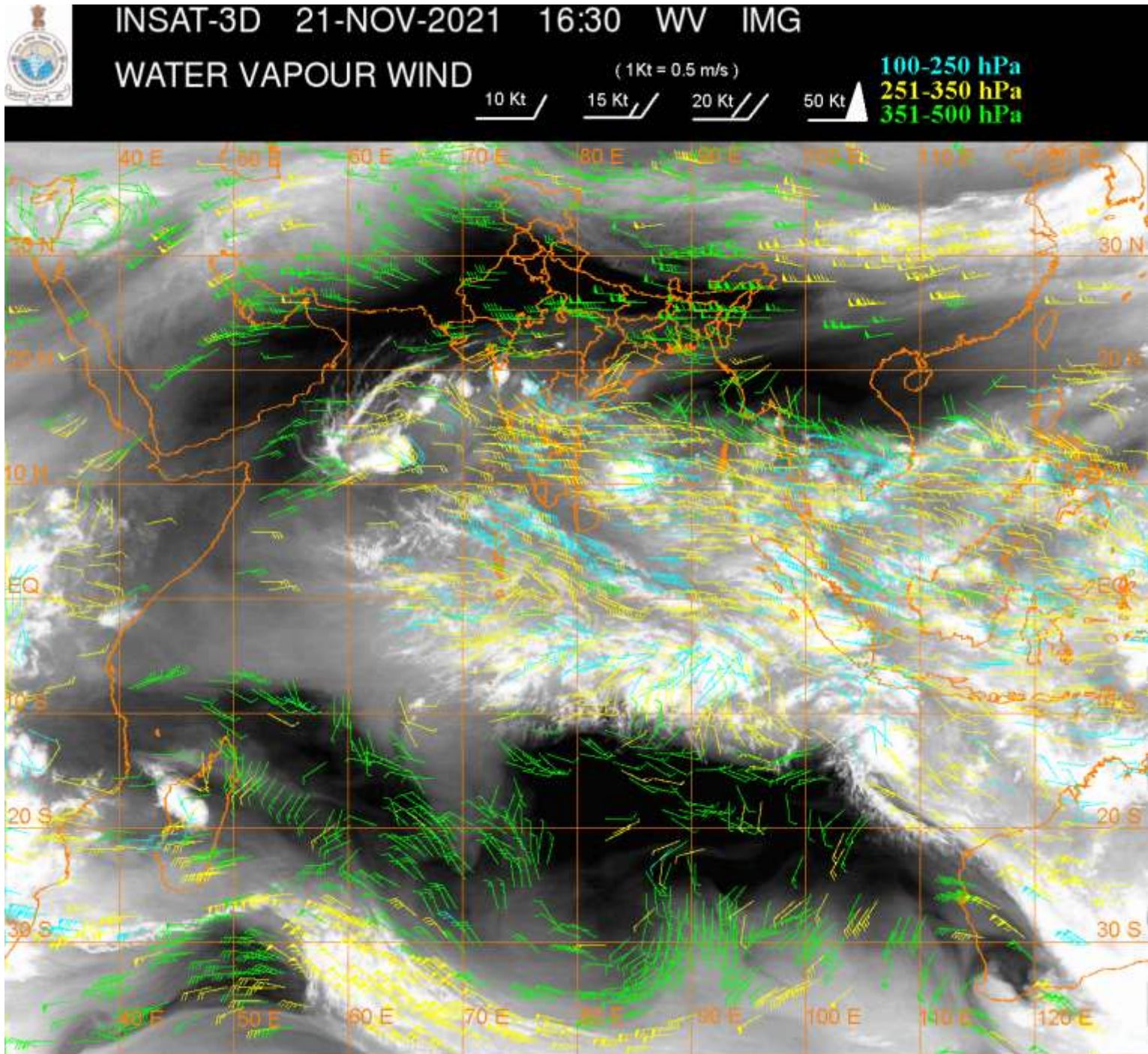
SALIENT FEATURES:-

VORTEX (WML) OVER EC ARSEA:-

VORTEX (WML) OVER EC ARSEA CENTERED WITHIN HALF A DEGREE OF **12.1N/66.3E** (.) INTENSITY **T1.0** (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL ADJ S ARSEA BET LAT 10.0N TO 15.0N LONG 61.0E TO 67.0E (.) MINIMUM CTT MINUS **90** DEG C (.) THE ASSOCIATED CONVECTION HAS SLIGHTLY INCREASED IN SW SECTOR TO THE CENTRE DURING LAST 3 HRS (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER S CASPIAN SEA NW IRAN AND N/HOOD IN ASSW **WD** OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KKN N MADHYA MAHA (MINIMUM CTT MINUS 93 DEG) AND ISOL MOD TO INT CONVTN OVER MRTHWD S MP SE GUJ (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SE RAJ REST GUJ REST MP REST MAHA & GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S TLNGN N RYL SM COTL AP NE NIK N TN AND ISOL WK TO MOD CONVTN OVER SIK ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN S RYL SM REST KRNTK KER S TN & LKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL ADJ S ARSEA
BET LAT 10.0N TO 18.0N LONG 60.0E TO 70.0E (.) MINIMUM CTT MINUS 90 DEG C (.)

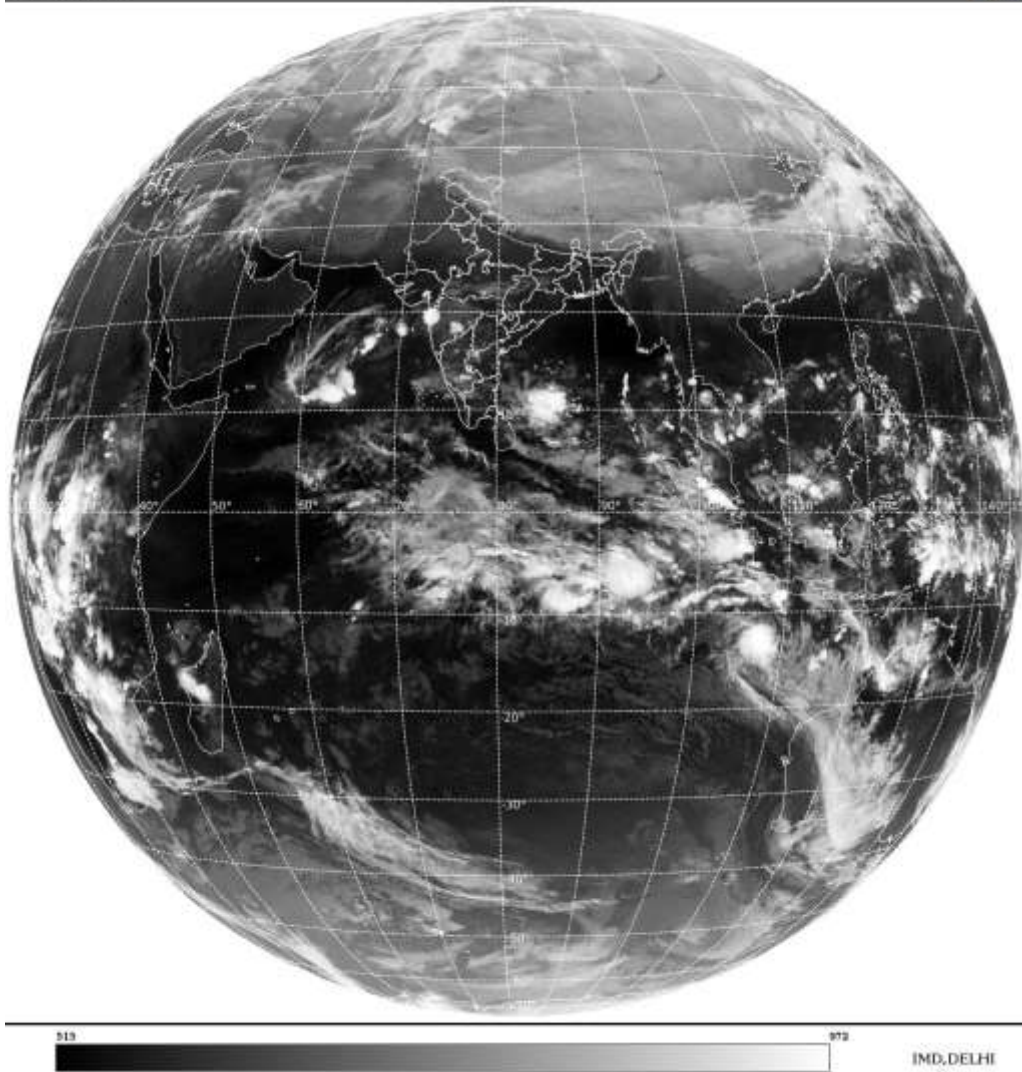
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER C PARTS OF S BAY AND
MOD TO INT CONVTN OVER REST S BAY WC BAY & ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

21-11-2021/(1630 to 1656) GMT
21-11-2021/(2200 to 2226) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES TIBET
THAILAND GULF OF THAILAND CAMBODIA S VIETNAM SUMATRA STR OF MALACCA
MALAYSIA JAVA ILS & SEA CELEBES ILS & SEA BORNEO SOUTH CHINA SEA PHILIPPINES
SULU SEA E CHINA SEA YELLOW SEA AND OVER INDIAN OCEAN AND BET LAT 5.0N TO 10.0S
EAST OF LONG 63.0E AND BET LAT 10.0S TO 20.0S LONG 100.0E TO 120.0E (.)

TOO 21/2320EF=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
--	-------	-------------------------------

REGION	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 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