

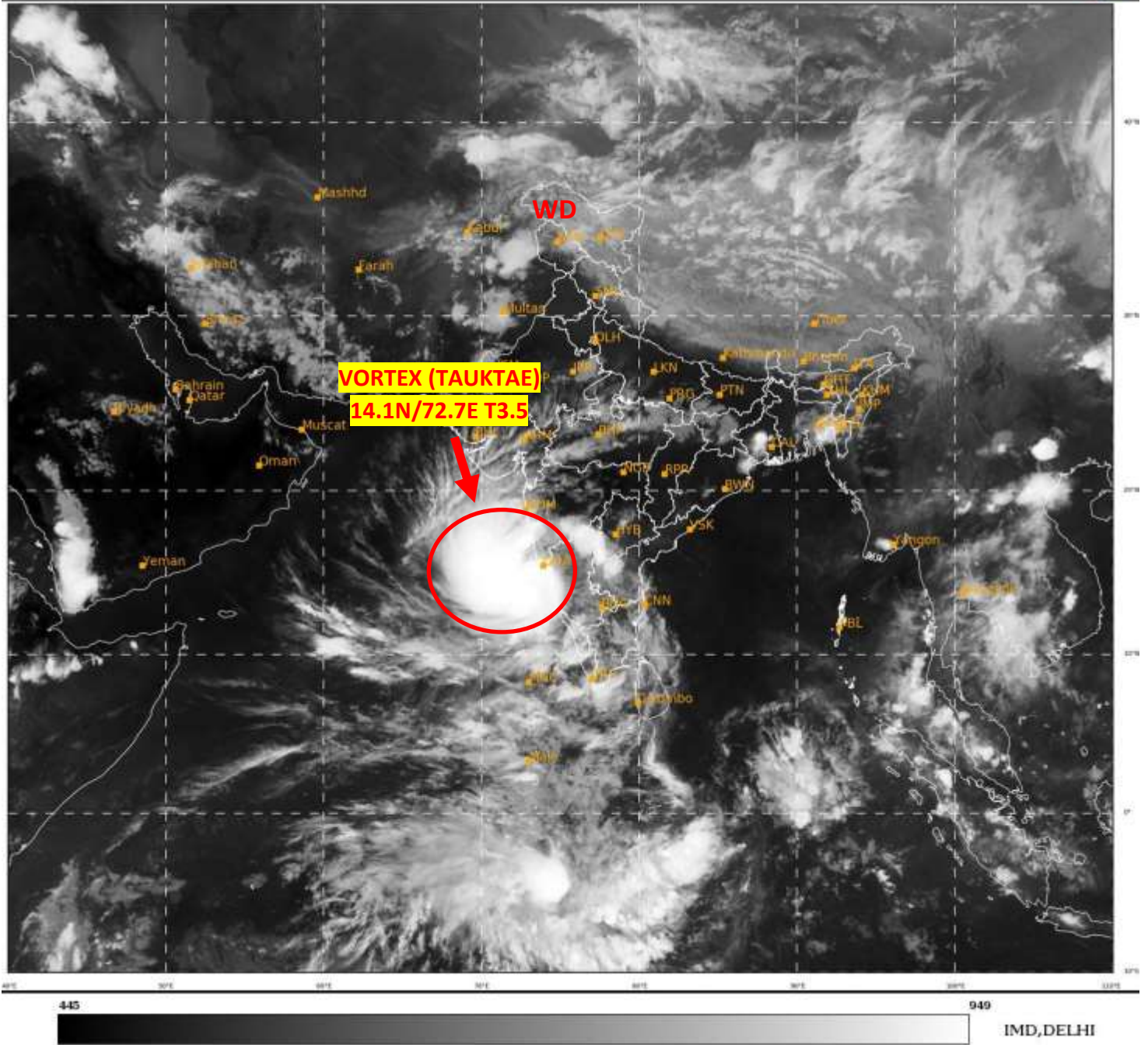


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

15.05.2021 TIME 1500 UTC

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

15-05-2021/(1500 to 1526) GMT
15-05-2021/(2030 to 2056) IST



ZCZC 1500

TCIN50 DEMS 151500

SATELLITE BULLETIN BASED ON INSAT-3D PICOV 151500 UTC (.)

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

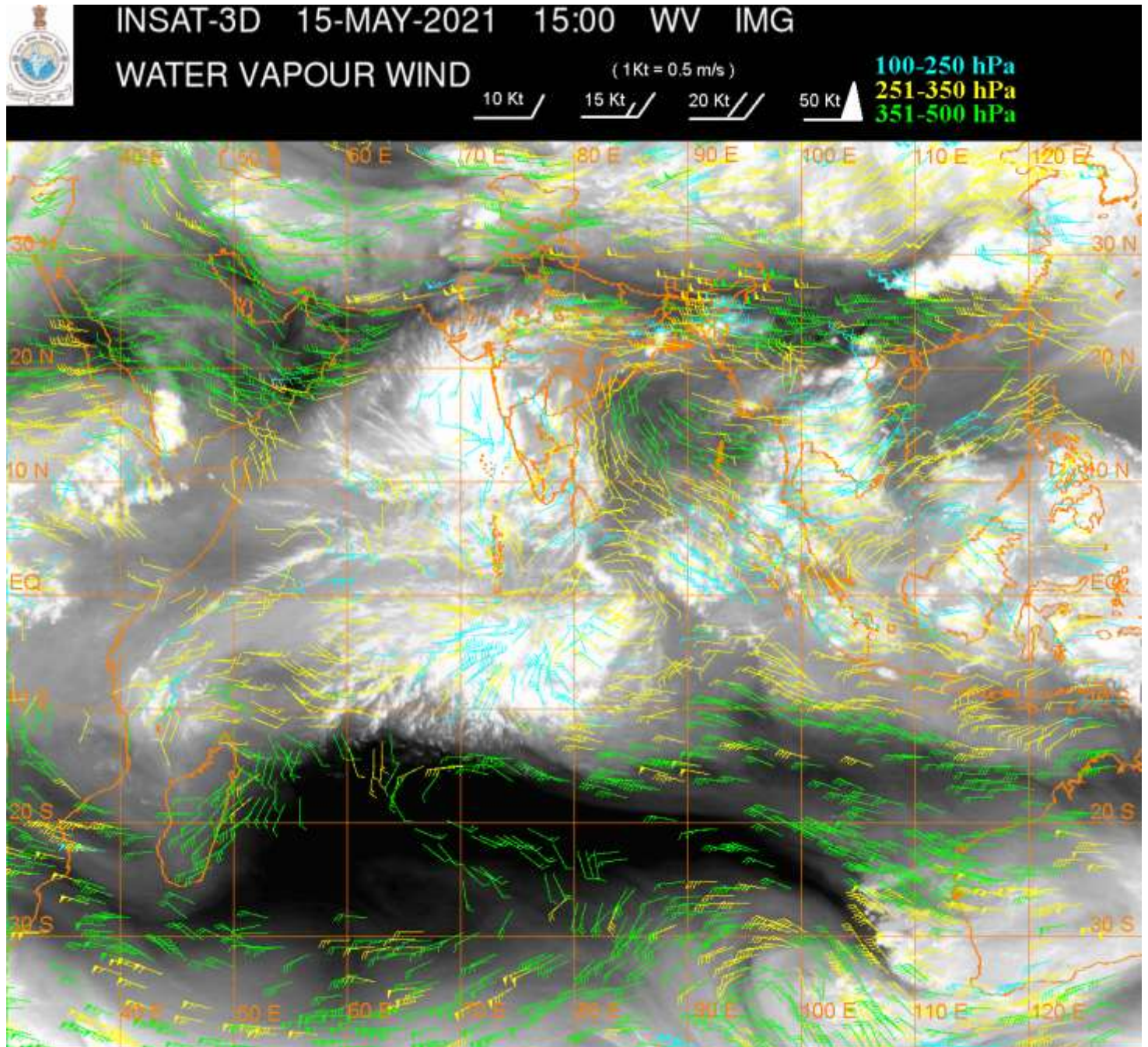
SALIENT FEATURES:-

VORTEX (TAUKTAE) OVER EAST-CENTRAL ARSEA & N/HOOD :-

VORTEX (**TAUKTAE**) OVER EC ARSEA & N/HOOD NOW LAY CENTERED NEAR **14.1N/72.7E** (.)
INTENSITY **T3.5** RPT **T3.5** (.) CDO PATTERN (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD
INT TO V INT CONVTN OVER EC ARSEA BET LAT 12.0N TO 19.0N AND EAST OF LONG 68.0E
ALSO OVER MAHA COAST GOA COASTAL KARNATAKA (.) MINIMUM CTT MINUS 93 DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER J&K HP UTRKND S UP (.) SCT LOW/MED CLOUDS OVER NW UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GWB (MINIMUM CTT MINUS 80 DEG C) AND MOD TO INT CONVTN OVER NE ORS N MIZO TRP ADJ SE BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MODCONVTN OVER N CHTGH JHRKND SW BHR SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST ORS SHWB (.)

WEST:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KKN GOA (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INTCONVTN OVER GUJ MP MADHYA MAHA MRTHWD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RAJ W VID (.)SCT LOW/MED CLOUDS OVER E VID (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER COTL KRNTK NIK RYLSM (MINIMUM CTT MINUS 93 DEG C) LKSDP (MINIMUM CTT MINUS 80 DEG C) KER (MINIMUM CTT MINUS 73 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN SIK TN (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S COTL AP (.) SCT LOW/MED CLOUDS OVER N COTL AP ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

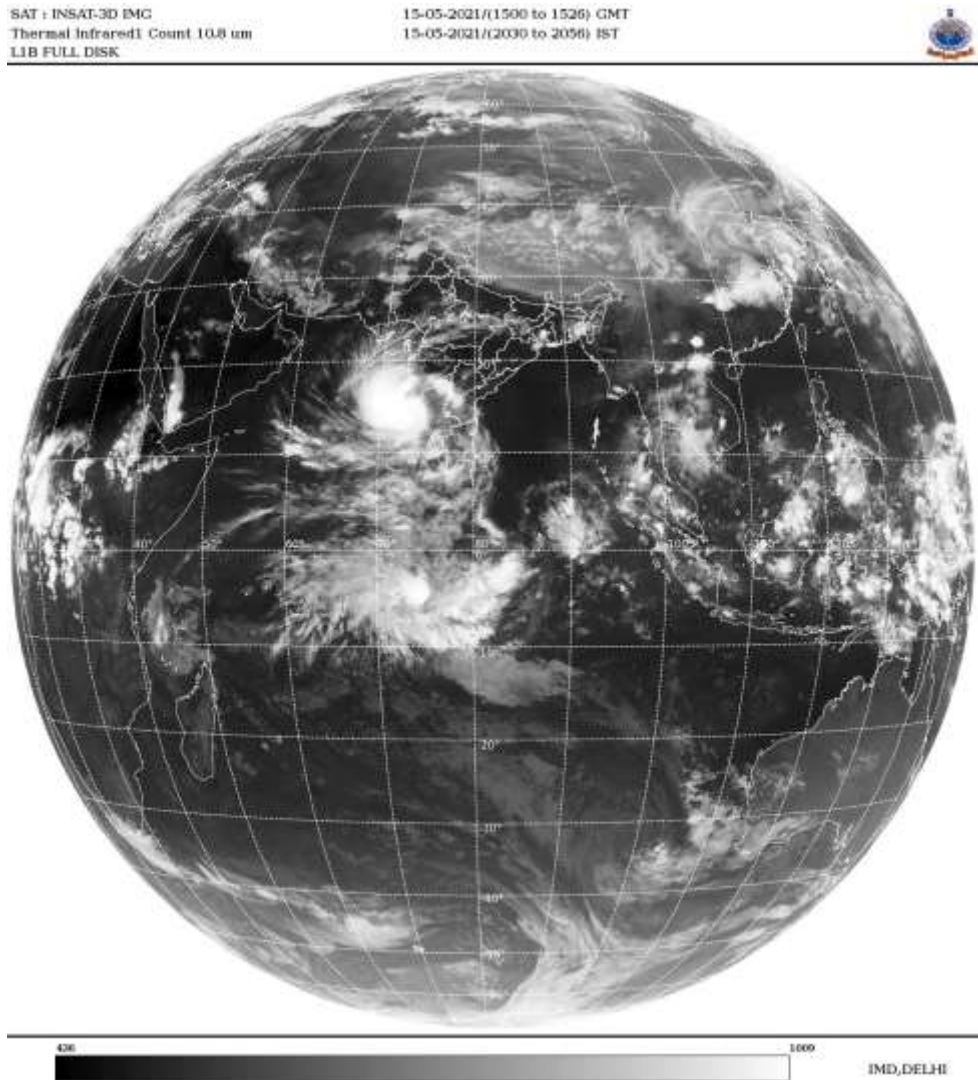
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA BET LAT 12.0N TO 19.0N AND EAST OF LONG 68.0E ALSO OVER MAHA COAST GOA & COASTAL KARNATAKA (.) MINIMUM CTT MINUS 93 DEG C (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ARSEA EAST OF LONG 60.0E & LAKSKADWEEP (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY S ANDAMAN SEA(.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA GULF OF MANNAR PALK STR PAK TIBET CHINA YELLOW SEA E CHINA SEA S MYANMAR THAILAND NE CAMBODIAGULF OF THAILAND S LAOS S VIETNAM SUMATRA STR OF MALACCA MALAYSIABORNEO S CHINA SEA JAVA SEA CELEBES ILS& SEAPHILIPPINESSULU SEA EXT N MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 60.0E TO 85.0E (.)

TOO15/2210EF=

NNNN

LEGEND:-

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