

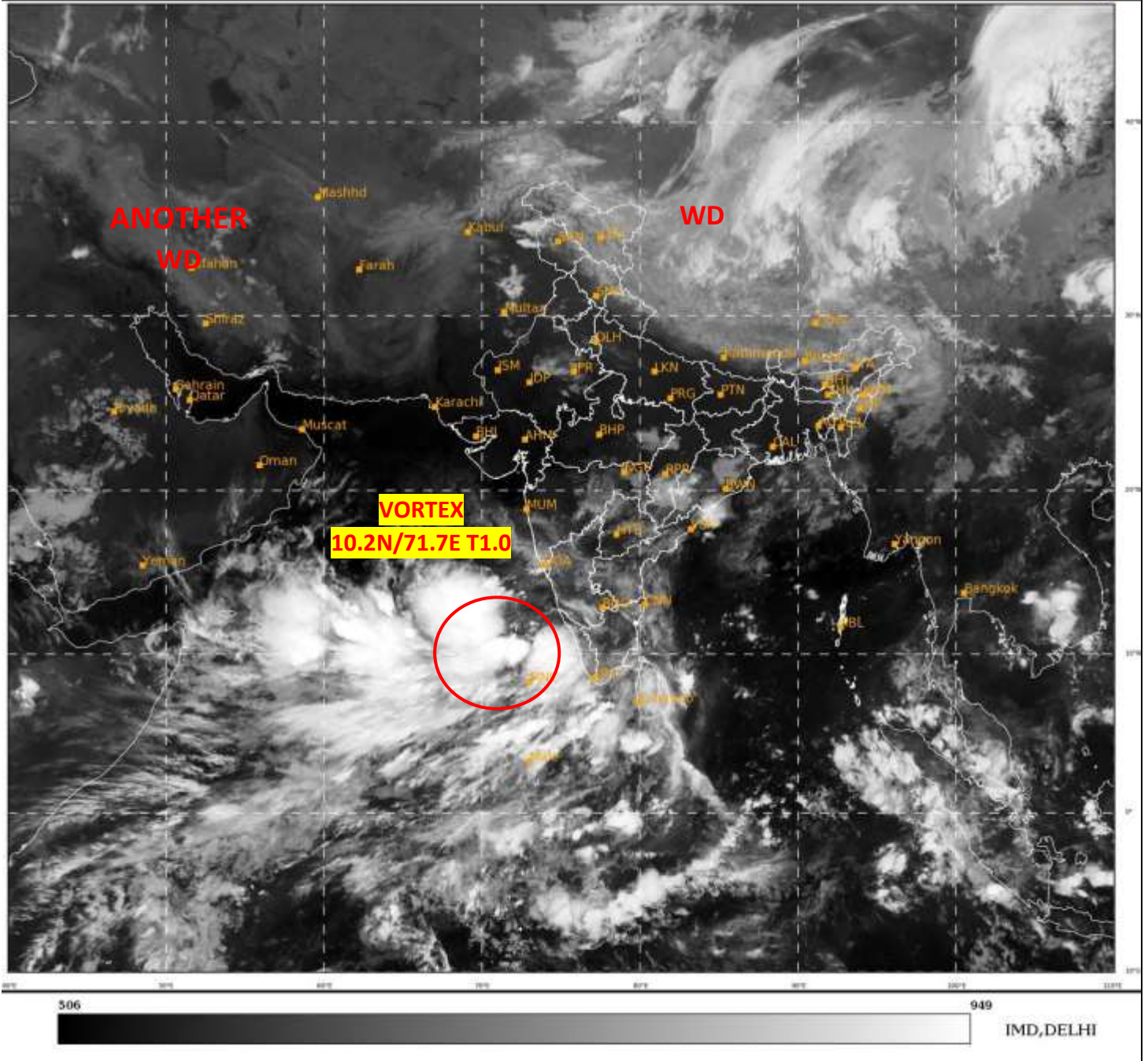


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

14.05.2021 TIME 0000 UTC

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

14-05-2021/(0000 to 0026) GMT
14-05-2021/(0530 to 0556) IST



TCIN50 DEMS 140000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 140000 UTC (.)

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

SALIENT FEATURES:-

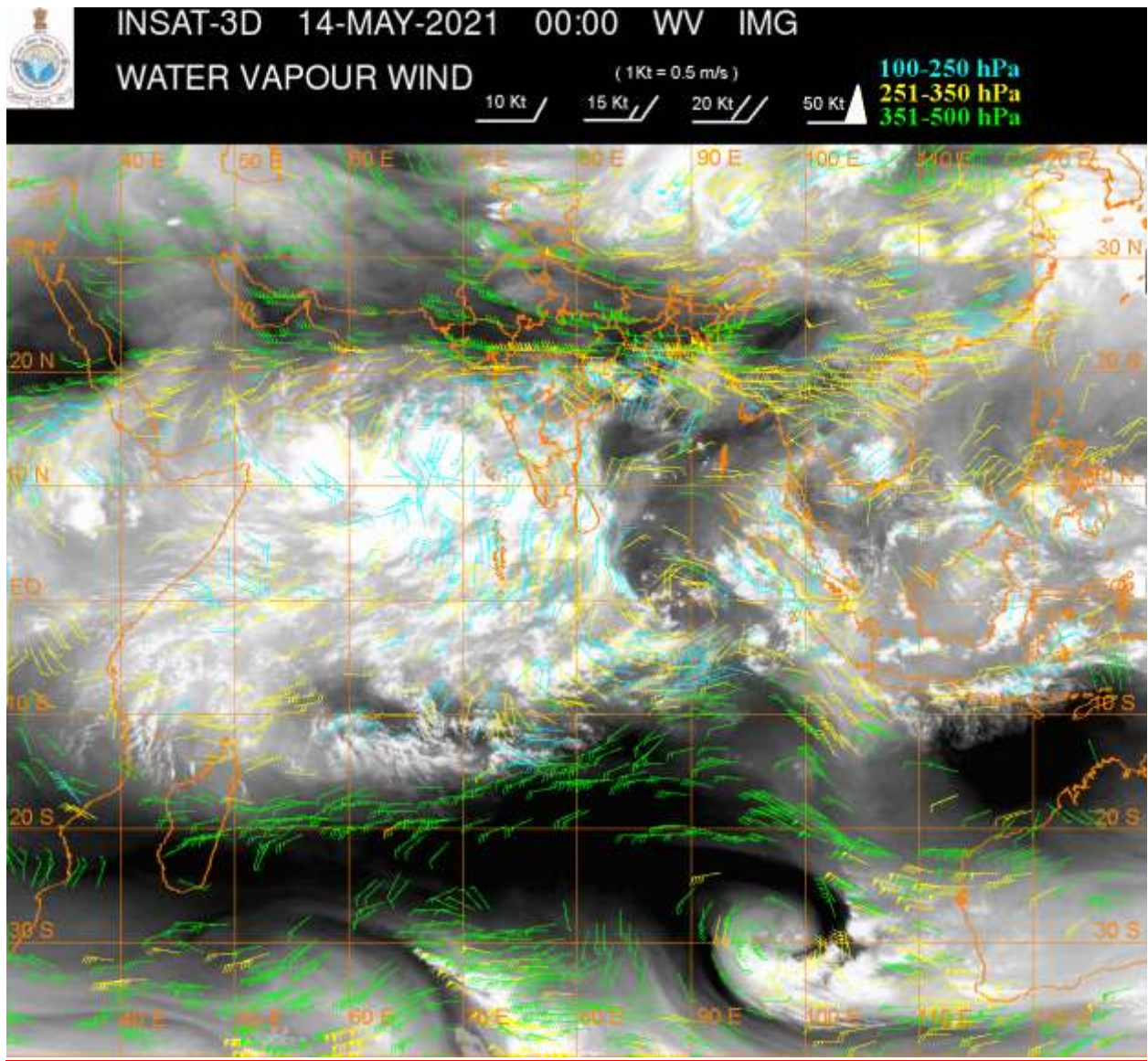
VORTEX OVER SE ARSEA ADJ LAKSHADWEEP AREA:-

VORTEX OVER SE ARSEA ADJ LAKSHADWEEP AREA CENTERED **WITHIN HALF A DEG OF 10.2N/71.7E** (.) INTENSITY **T1.0** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA ADJ LAKSHADWEEP AREA BET LAT 6.0N TO 12.0N LONG 57.0E TO 76.0E (.) MINIMUM CTT MINUS 93 DEG C (.)

WESTERN DISTURBANCE (WD):-

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

SCT MULTILAYERED CLOUDS OVER IRAN & N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT SE ORS S CHTGH (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST ORS SKM ARUPR ASSAM MEGHA NAGA MANI MIZO N TRP JHRKND S GWB & BD (.) SCT LOW/MED CLOUDS OVER SHWB REST CHTGH REST GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER GOA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NC RAJ E MP VID MRTHWD M MAHA E MP & REST GOA (.) SCT LOW/MED CLOUDS OVER REST MP SE RAJ (.)

SOUTH:-

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

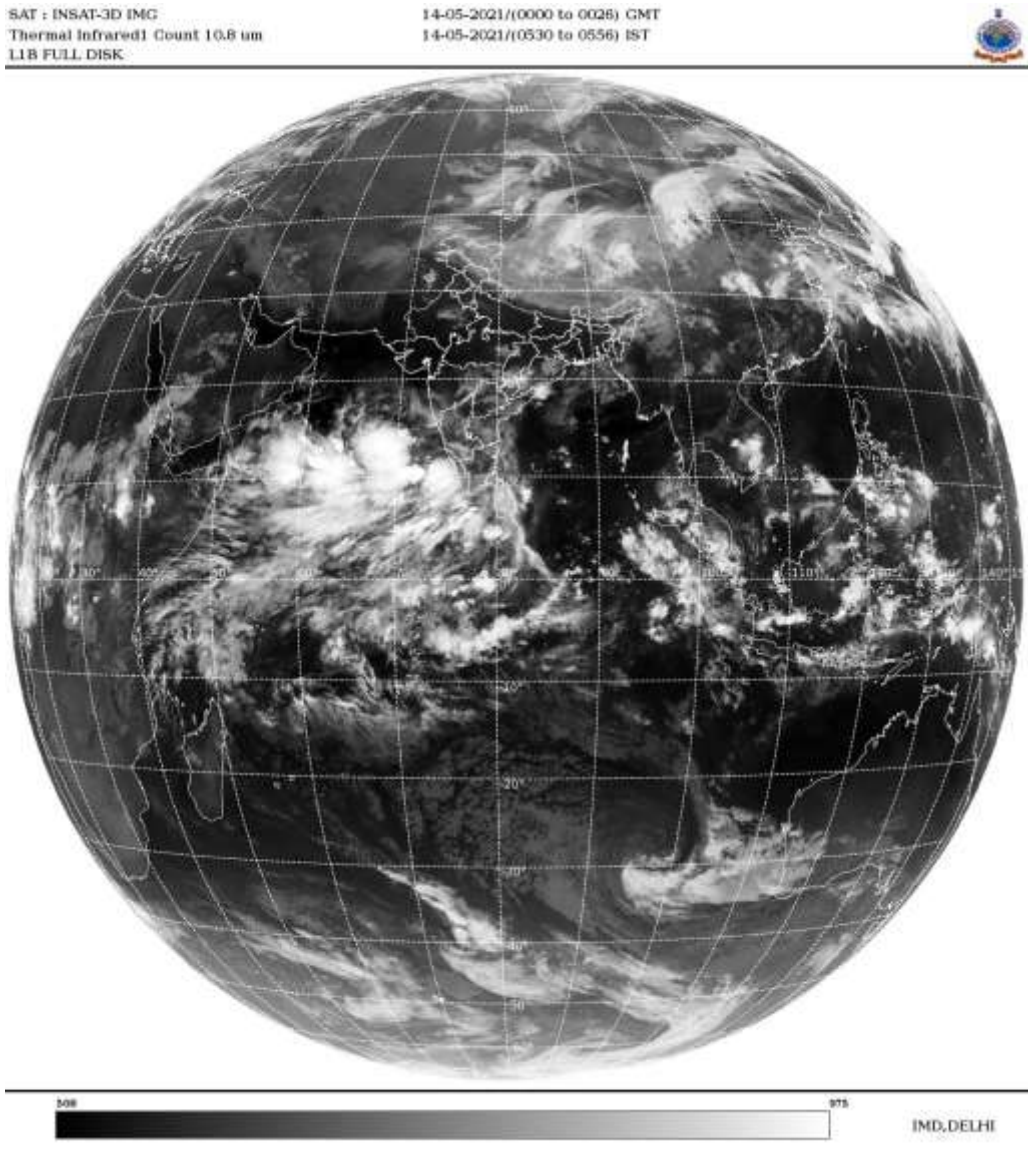
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC & EC ARSEA & SOUTH ARSEA ADJ EQUATORIAL INDIAN OCEAN (MINIMUM CTT MINUS 93 DEG C) MALDIVES & COMORIN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER OFF MAHA COAST (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY AND ISOL MOD TO INT CONVTN OVER N BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA GULF OF MANNAR PALK STR MALDIEVES N PAK W NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND CAMBODIA LAOS VIETNAM SUMATR STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS S PHILIPPINES TAIWAN E CHINA SEA AND INDIAN OCEAN BET LAT 5.0N TO 13.0S LONG 45.0E TO 84.0E (.)

TOO 14/0650EF=

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
	UTRKN D	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