

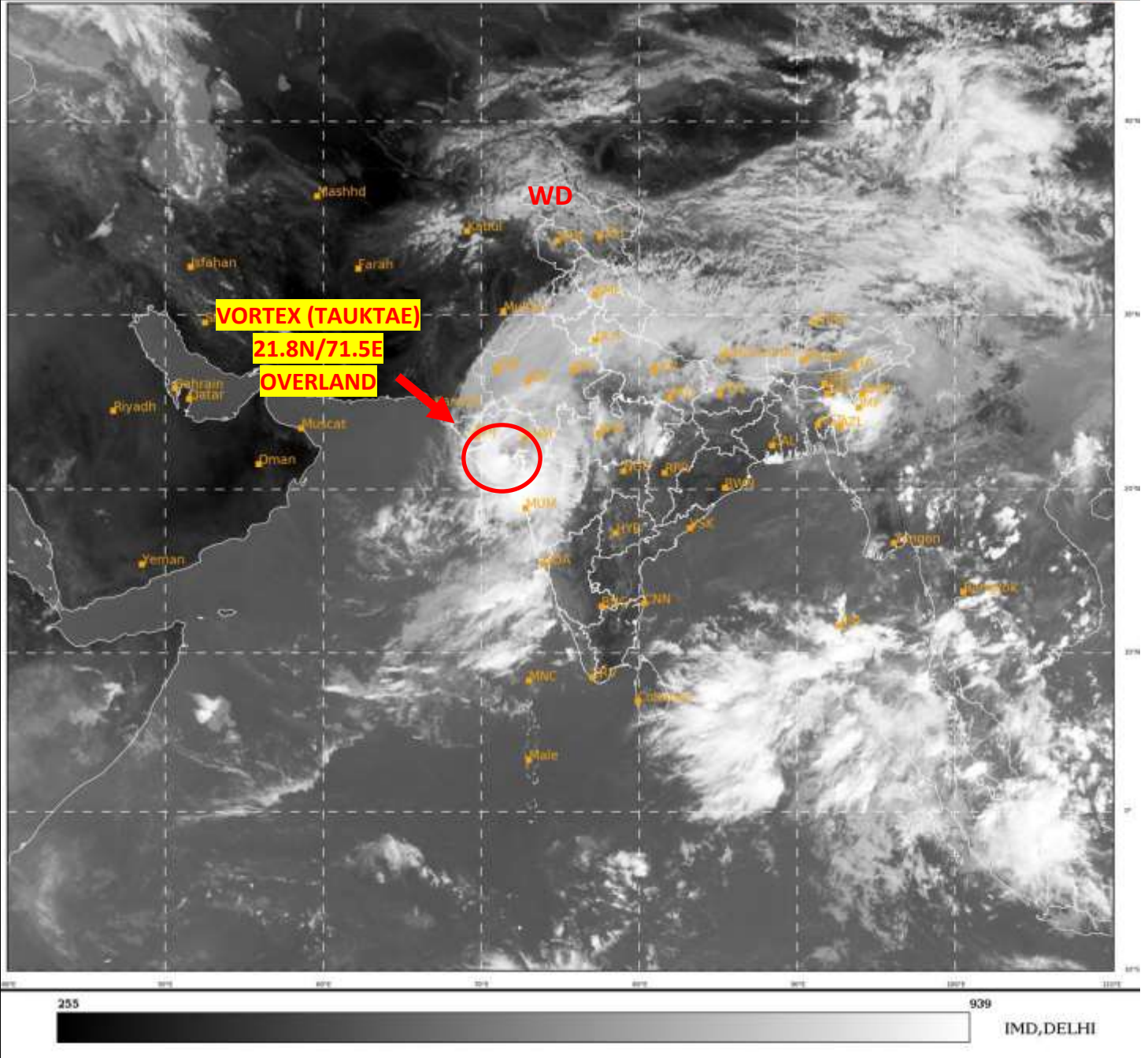


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

18.05.2021 TIME 0600 UTC

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

18-05-2021/(0600 to 0627) GMT
18-05-2021/(1130 to 1157) IST



TCIN50 DEMS 180600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 180600 UTC (.)

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

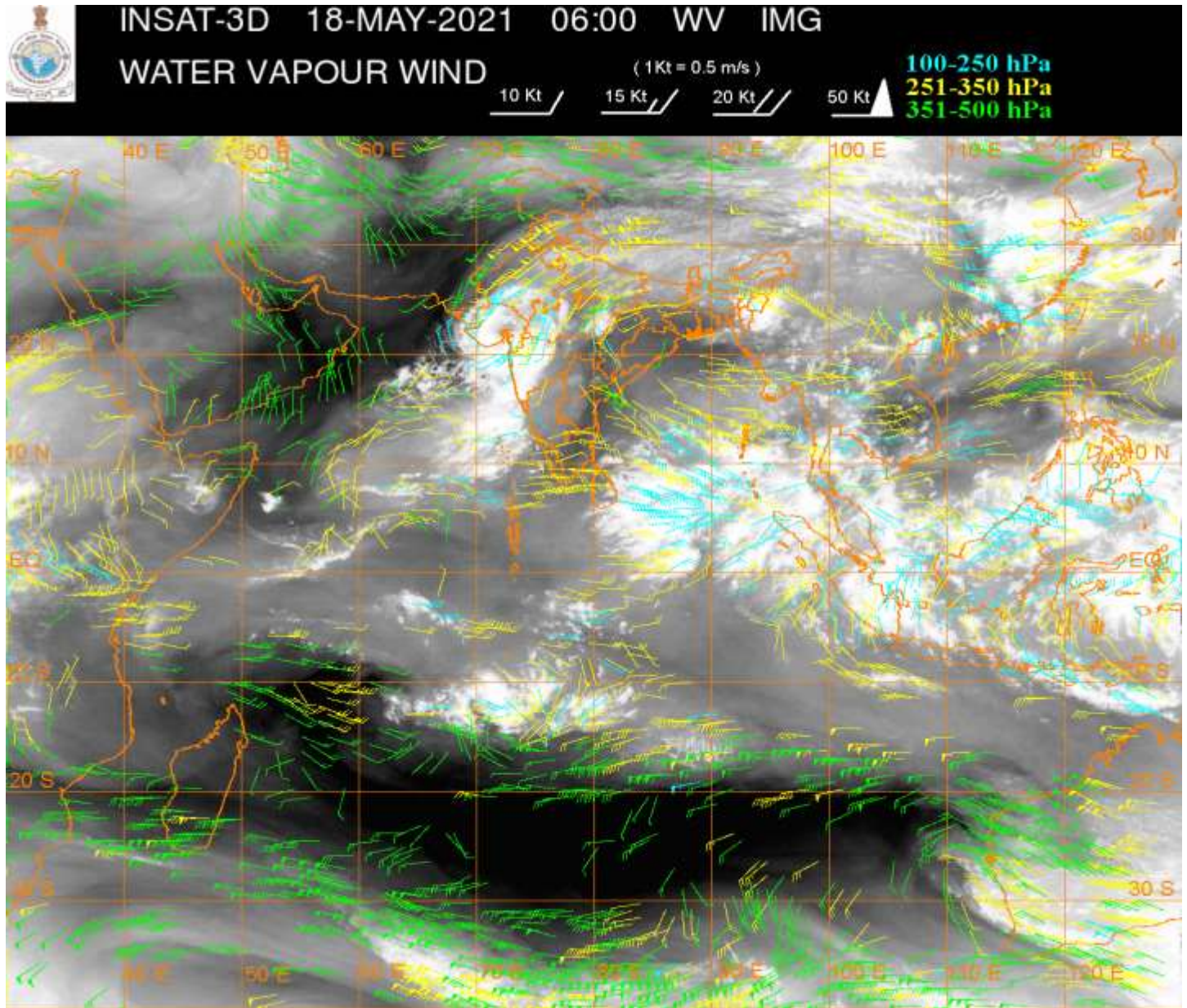
SALIENT FEATURES:-

VORTEX (TAUKTAE) OVER SAURASHTRA (SW GUJARAT) & N/HOOD:-

VORTEX (**TAUKTAE**) OVER SAURASHTRA & N/HOOD CENTERED NEAR **21.8N/71.5E** (.) **OVERLAND** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SAURASHTRA N KKN ADJ EC ARSEA (MINIMUM CTT MINUS **93** DEG) AND MOD TO INT CONVTN OVER GUJ S RAJ GULF OF KUTCH GULF OF CAMBAY S KONKAN MADHYA MAHA W VID SW MP AND EC ADJ NE ARSEA BET LAT 18.0N TO 23.0N EAST OF LONG 69.0E (MINIMUM MINUS **65** DEG C) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXTREME N PAK N LADAKH & N/HOOD IN ASSW WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND PJB HARY DLH UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E MEGHA S ASSAM MANI S NAGA N MIZO EXT NE BD (MINIMUM CTT MINUS 90 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW CHTGH AND WK TO MOD CONVTN OVER BHR SHWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST CHTGH ORS JHRKND (.)

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LKSDP ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER TLNGN (.) SCT LOW/MED CLOUDS OVER RYLSM COTL AP KRNTK KER TN (.)

ARABIAN SEA:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA OFF NORTH KONKAN COAST & N/HOOD (MINIMUM CTT MINUS 93 DEG C (.))

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF KUTCH GULF OF CAMBAY EC ADJ NE ARSEA ALSO OVER SE ARSEA (.))

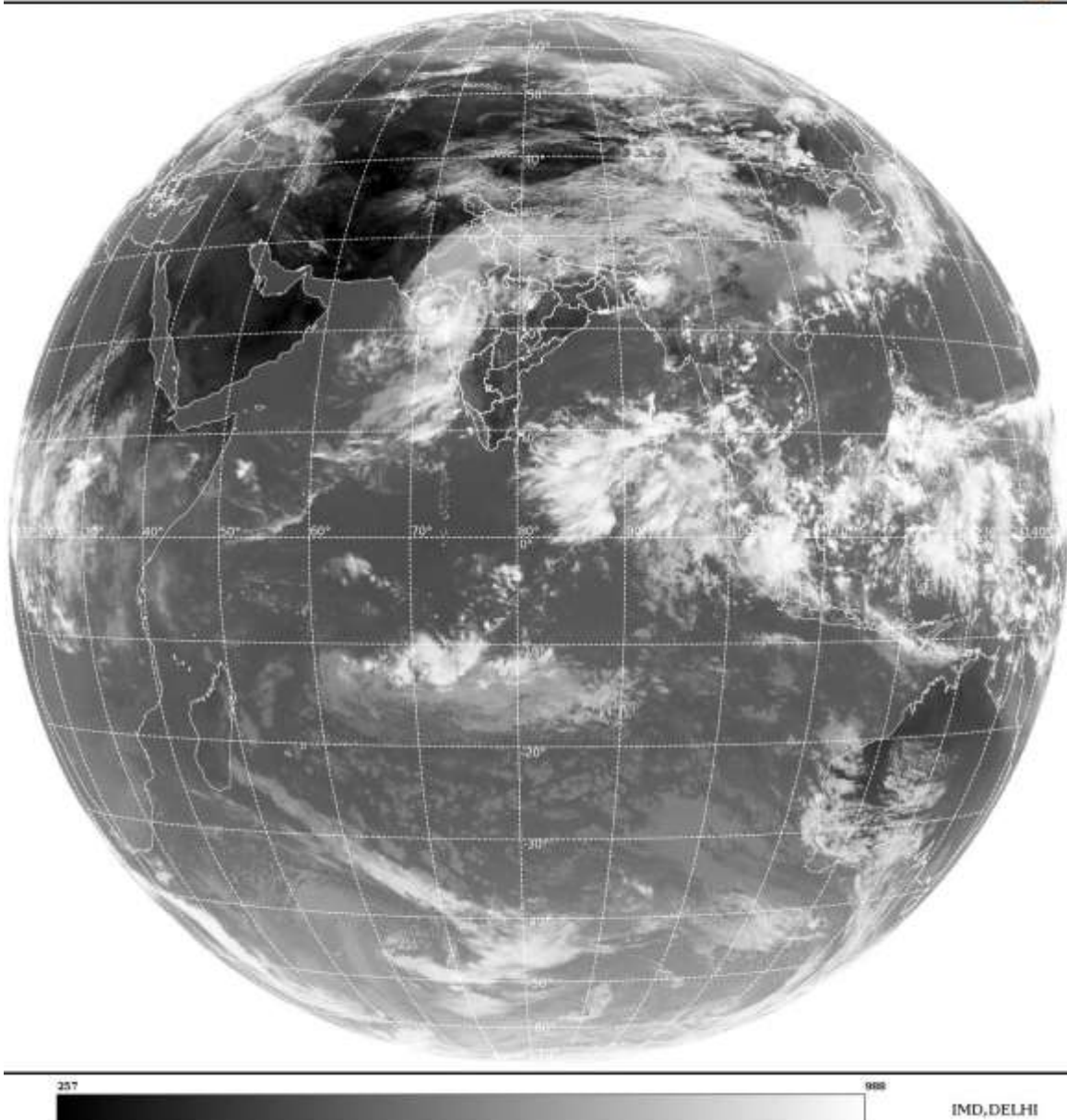
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN & ANDAMAN SEA (MINIMUM CTT MINUS 90 DEG C (.))

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

18-05-2021/(0600 to 0627) GMT
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SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NEPAL TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA ADJ W COAST STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES E CHINA SEA YELLOW SEA AND INDIAN OCEAN BET LAT EQ TO LAT 5.0N EAST OF LONG 82.0E AND BET LAT 9.0S TO 15.0S LONG 63.0E TO 82.0E (.))

TOO 18/1230EF=

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	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