

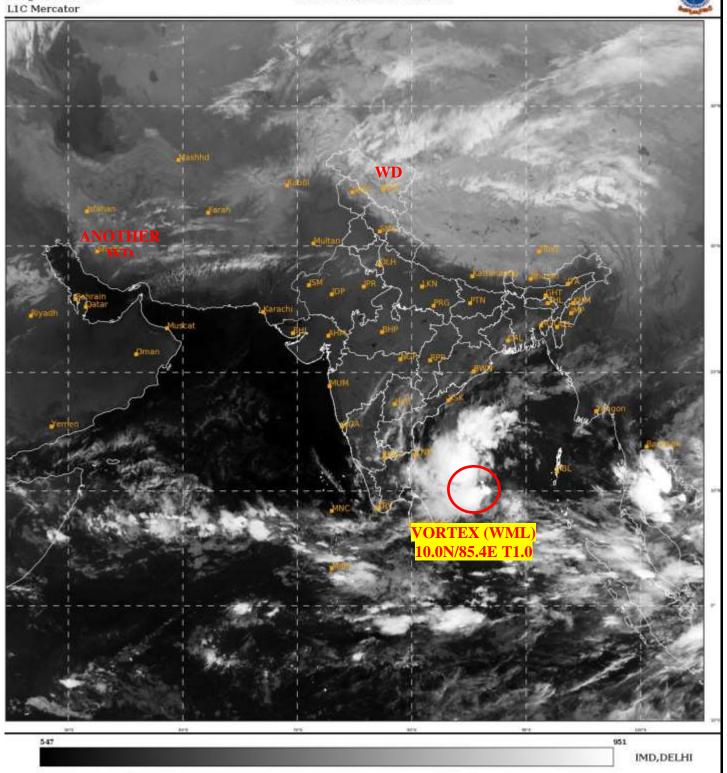
भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 19.11.2022 TIME 2100 UTC

SAT : INSAT-3D IMG IMG_TIR1 10.8 um 19-11-2022/(2100 to 2126) GMT 20-11-2022/(0230 to 0256) IST





TCIN50 DEMS 192100 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 192100 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

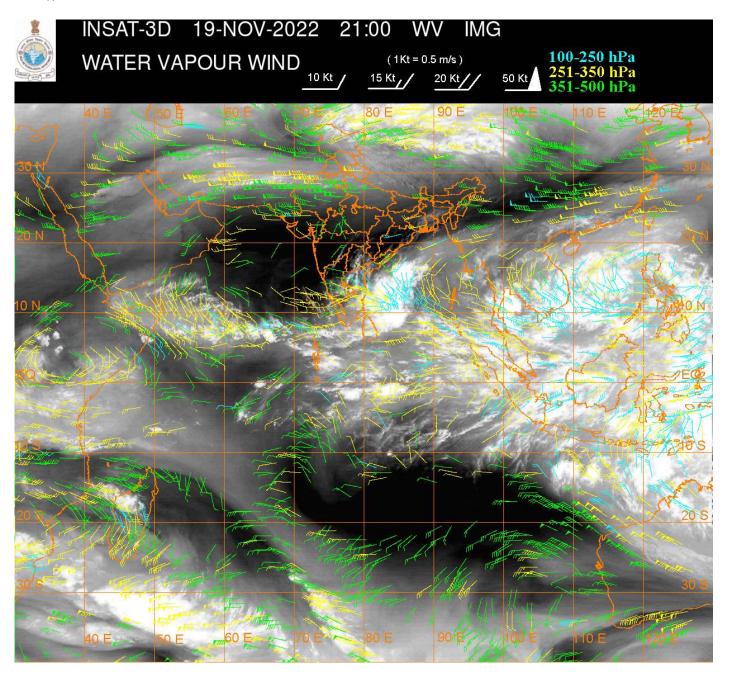
VORTEX (WML) OVER CENTRAL PARTS OF SOUTH BAY AND N/HOOD:-

VORTEX (WML) OVER CENTRAL PARTS OF SOUTH BAY & N/HOOD CENTERED WITHIN HALF A DEGREE OF 10.0N/85.4E (.) INTENSISTY T1.0 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ADJ CENTRAL BAY BET LAT 8.0 N TO 16.0N AND LONG 80.0E TO 87.0E (.)MINIMUM CTT MINUS 93 DEGREE CEL (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXTREME N PAK J&K LADAKH 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 LADAKH AND WK TO MOD CONVTN OVER REST LADAKH J&K N HP N UTRKND SW HARY (.) SCT LOW/MED CLOUDS OVER S HP S UTRKND SE HARY DLH NW UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER E ORS S GWB SKM & BD (.) SCT LOW/MED CLOUDS OVER S CHTGH REST ORS S JHRKND N GWB NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW RAJ S MRTHWD (.)

SOUTH:-

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

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA S MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 110.0E AND BET LAT 10.0S TO 20.0S LONG 108.0E TO 120.0E (.)

TOO 20/0420 HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	EAST	BHR JHRKND CHTGH OR WB SKM
	EASI	NORTH- EAST STATES
	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS

	T	T
	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
CLOUD DISTRIBUTION	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 &	ARUPR	ARUNACHAL PRADESH
UNION TERITORIES	BHR	BIHAR
	CHTGH	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH
	COTL KRNTK	COASTAL KARNATAKA
	1	1

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	CO	TL ORS	COASTAL ORISSA
HARY DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MANI MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MITHWD MARATHWADA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRAI NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL 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	GU	J	GUJARAT
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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	SHV	WB	SUB-HIMALAYAN WEST BENGAL
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SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA	UT	RKND	UTTARAKHAND
GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA	VII)	VIDHARBHA
ARSEA ARABIAN SEA	SHY	WB	SUB HIMALAYAN WEST BENGAL
	GW	VB	GANGETIC WEST BENGAL
ILS ISLANDS	ARS	SEA	ARABIAN SEA
	ILS	3	ISLANDS
MISCELLANEOUS ASSW IN ASSOCIATION WITH	LANEOUS ASS	SW	IN ASSOCIATION WITH
ASSTD ASSOCIATED	ASS	STD	ASSOCIATED
LLC LOW LEVEL CIRCULATION	LLC	c	LOW LEVEL CIRCULATION
EMBDD EMBEDDED	EM	IBDD	EMBEDDED
N/HOOD NEIGHBOURHOOD	N/H	HOOD	NEIGHBOURHOOD

EXT	EXTREME