SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
10.10.2021 TIME 0900 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
L1C Mercator

10-10-2021/(0900 to 0926) GMT
10-10-2021/(1430 to 1456) IST

320   943

IMD,DELHI

TCIN50 DEMS 100900
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 100900 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 30.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTI-LAYERED CLOUDS OVER NE PAK NW LADAKH & N/HOOD IN ASSW WD OVER THE AREA (.)

INSAT-3D   10-OCT-2021   09:00   WV   IMG
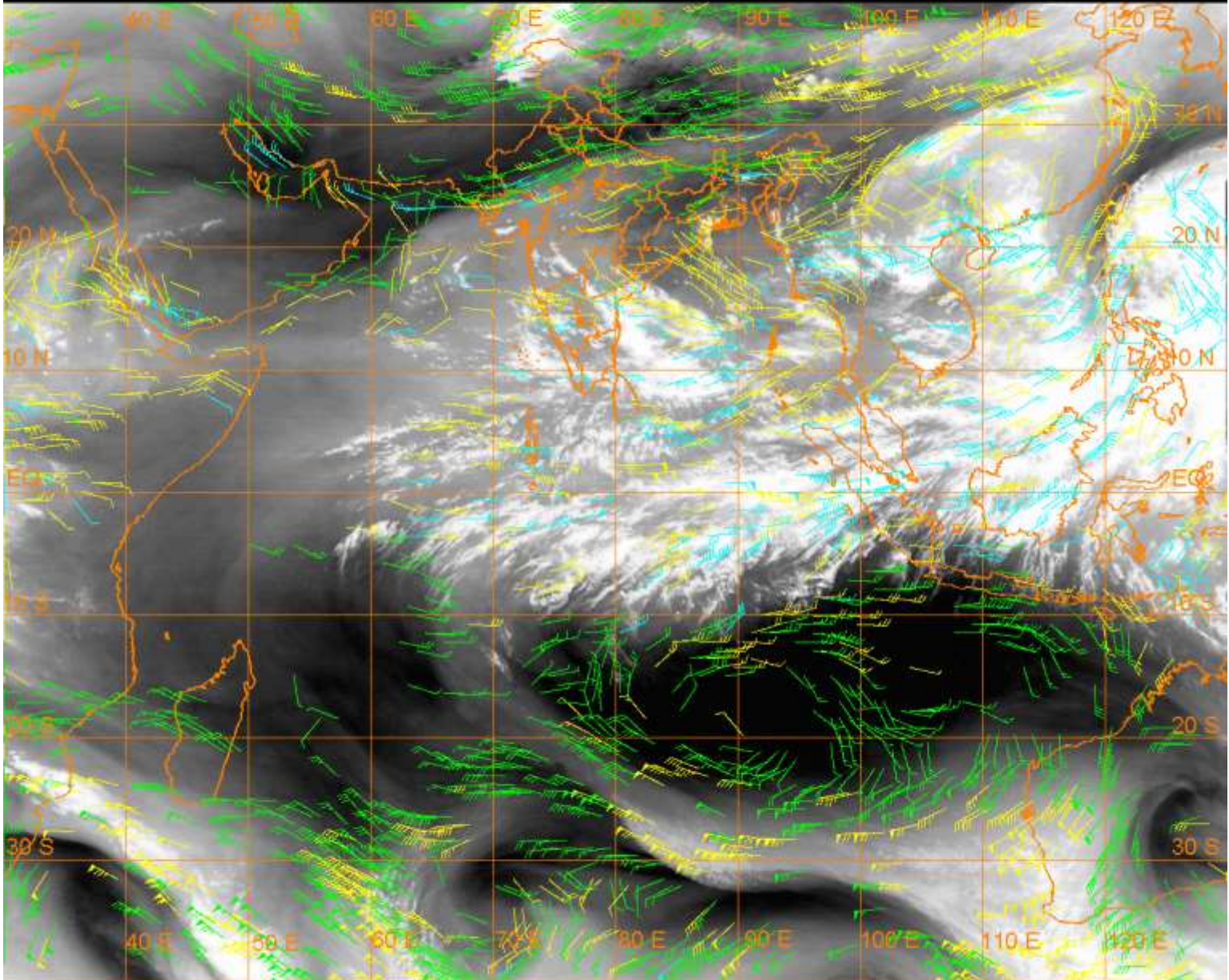WATER VAPOUR WIND   (1Kt = 0.5 m/s)
10 Kt   15 Kt   20 Kt   50 Kt
100-250 hPa
251-350 hPa
351-500 hPa

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT M/LAYERED CLOUDS OVER NW LADAKH N J&K (.) SCT LOW/MED CLOUDS OVER HP AND UTRKND (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER E ASSAM SKM ARUPR (.) SCT LOW/MED CLOUDS OVER NAGA MANI SE MEGHA (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MRTHWD N MAHA S GUJ W MP & GOA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S RAJ N GUJ REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S COTL AP N KER N RYLSM LKSDP NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S TLNGN RYLSM ANDAMAN ILS NE TN SIK (.) SCT LOW/MED CLOUDS OVER REST KRNTK REST AP (.0

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER SE ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER C ARSEA REST SOUTH ARSEA AND
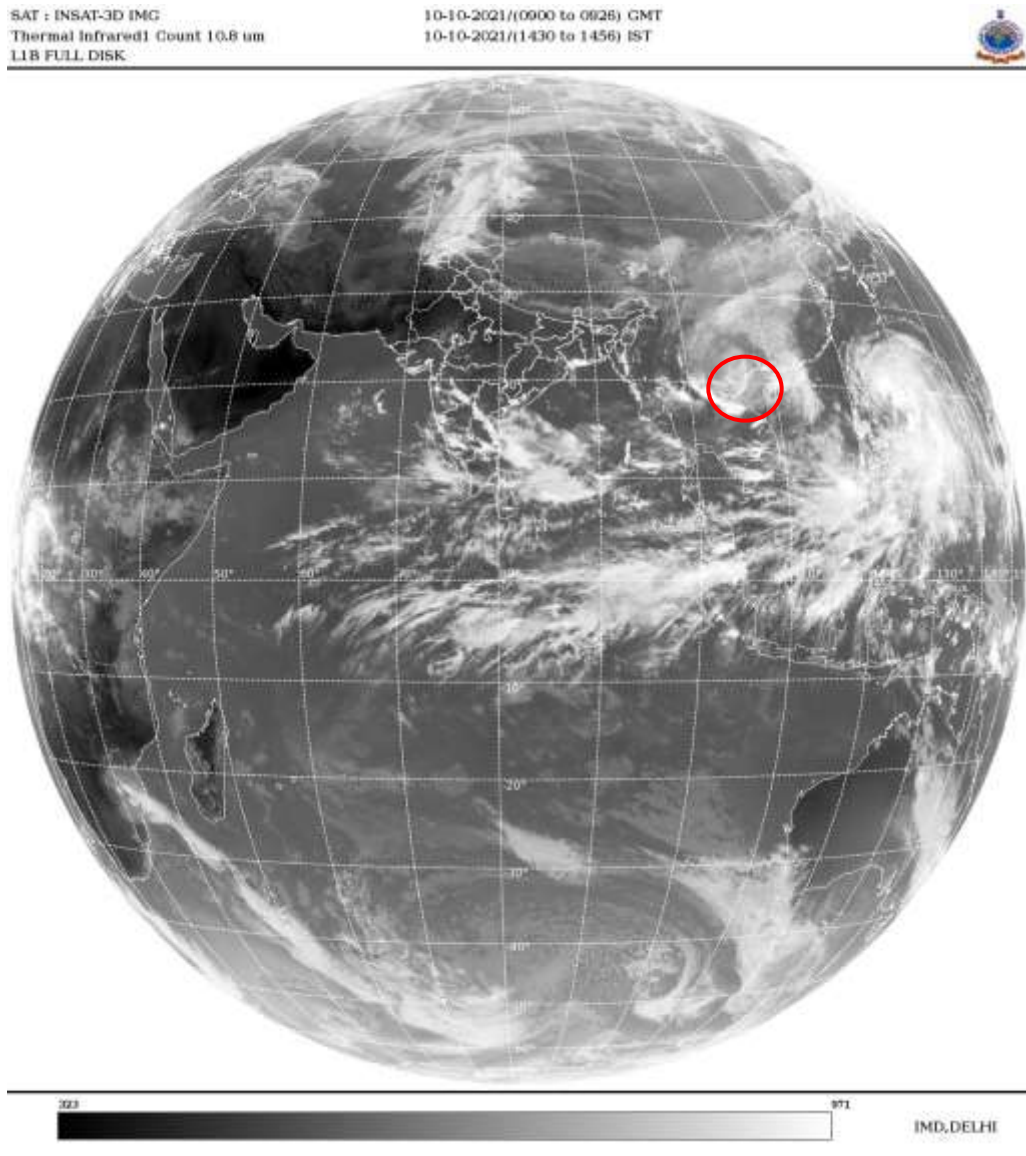
COMORIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY SOUTH OF LAT 15.0 ANDAMAN SEA AND MOD TO INT CONVTN OVER S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

VORTEX (LIONROCK) OVER GULF OF TONKIN & N/HOOD:-

VORTEX (LIONROCK) OVER GULF OF TONKIN & N/HOOD CENTERED OVER LAND NOW (.) INTENSITY N/A DUE TO LLCC OVER COAST (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 19.5N TO 23.0N LONG 104.5E TO 109.0E N VIETNAM ADJ CHINA GULF OF TONKIN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES YELLOW SEA E CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 8.5S EAST OF LONG 67.0E (.)

TOO 10/1540EF=

 NNNN

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 TERITORIES	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