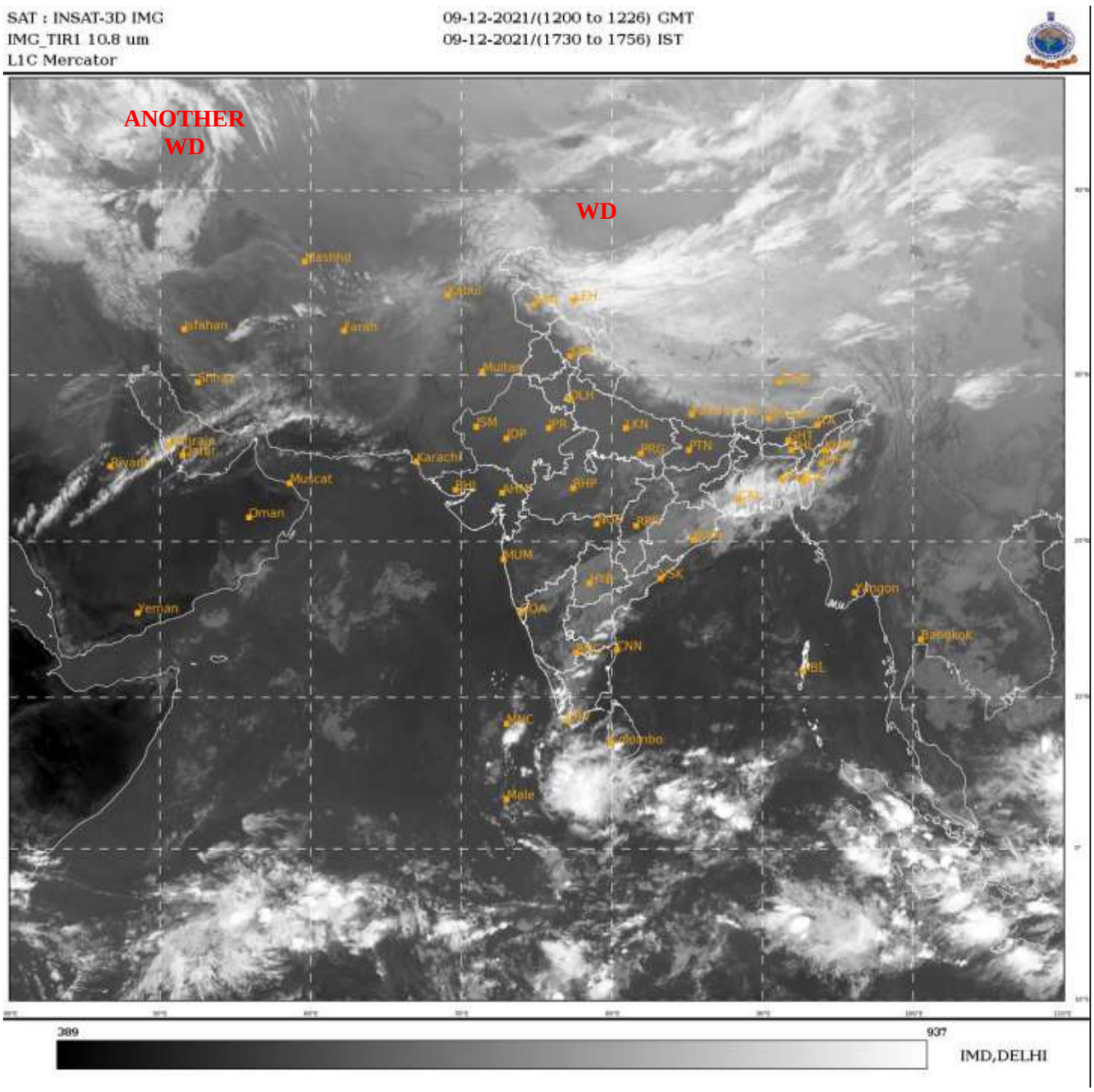
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

09.12.2021 TIME 1200 UTC



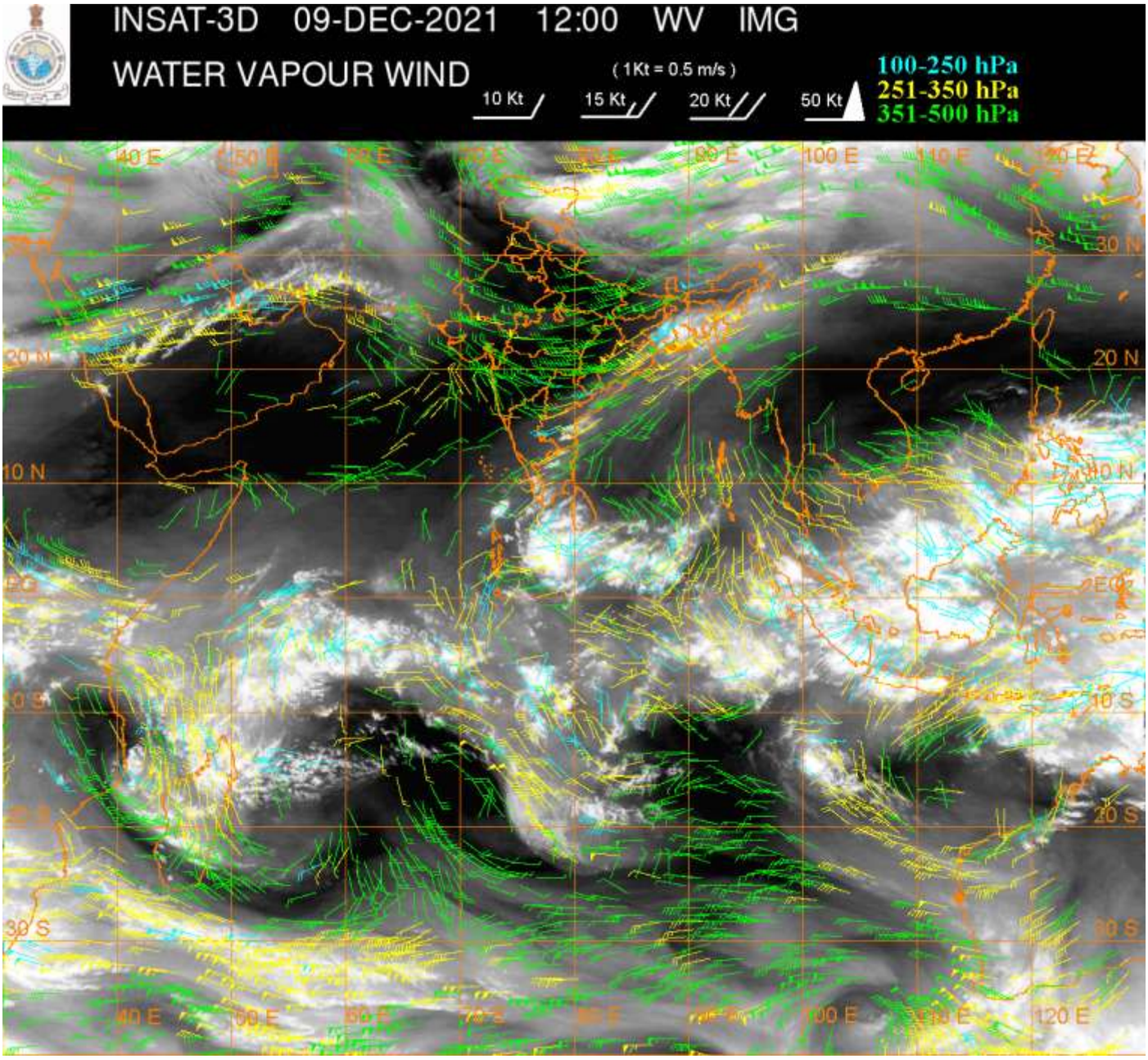
TCIN50 DEMS 091200
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 091200 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 30.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH NW TIBET ADJ CHINA AND N/HOOD IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER CASPIAN SEA IRAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER LADAKH AND ISOL WK CONVTN OVER J&K (.) SCT LOW/MED CLOUDS OVER N HP N UTRKND EXT SE UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N ORS S GWB ADJ BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER REST GWB NMMT MEGHA SE ASSAM ARUPR SKM (.) SCT LOW/MED CLOUDS OVER CHTGH REST ORS JHRKND W BHR (.)

WEST:-

ISOL LOW/MED CLOUDS OVER MP E GUJ AND MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER S COTL AP N TN S KER (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S TN RYLSM N KER (.) SCT LOW/MED CLOUDS OVER REST AP TLNGN KRNTK (.)

ARABIAN SEA:-

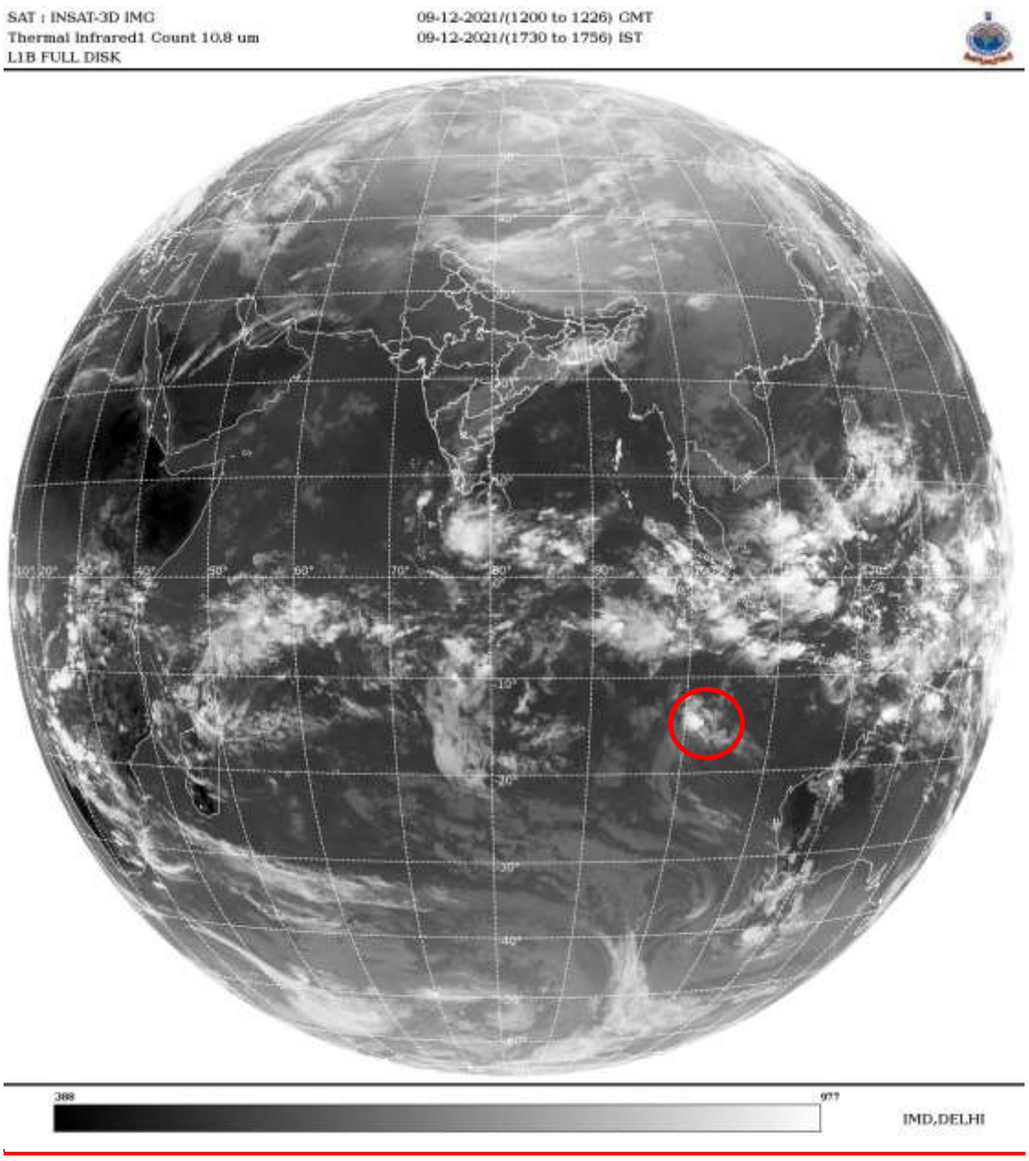
SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SE ARSEA OFF CENTRAL KER COAST AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

VORTEX (TERATAI) OVER SOUTH INDIAN OCEAN:-



VORTEX (TERATAI) OVER SOUTH INDIAN OCEAN CENTERED NEAR 14.6S / 103.0E (.) INTENSITY T1.0/1.5 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 12.0S TO 17.0S LONG 101.0E TO 104.0E (.) MINIMUM CTT MINUS 93 DEG C (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA YELLOW SEA GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA SOUTH CHINA SEA BORNEO JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA N MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 18.0S LONG 40.0E TO 100.0E (.)

TOO 09/1820EF=

NNNN

LEGEND:-

	NORTH	**J&K HP PJB HARY DLH UP UTRKND**

REGION	EAST	BHR JHRKND CHTGH ORS WB SKM NORTH- 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**