

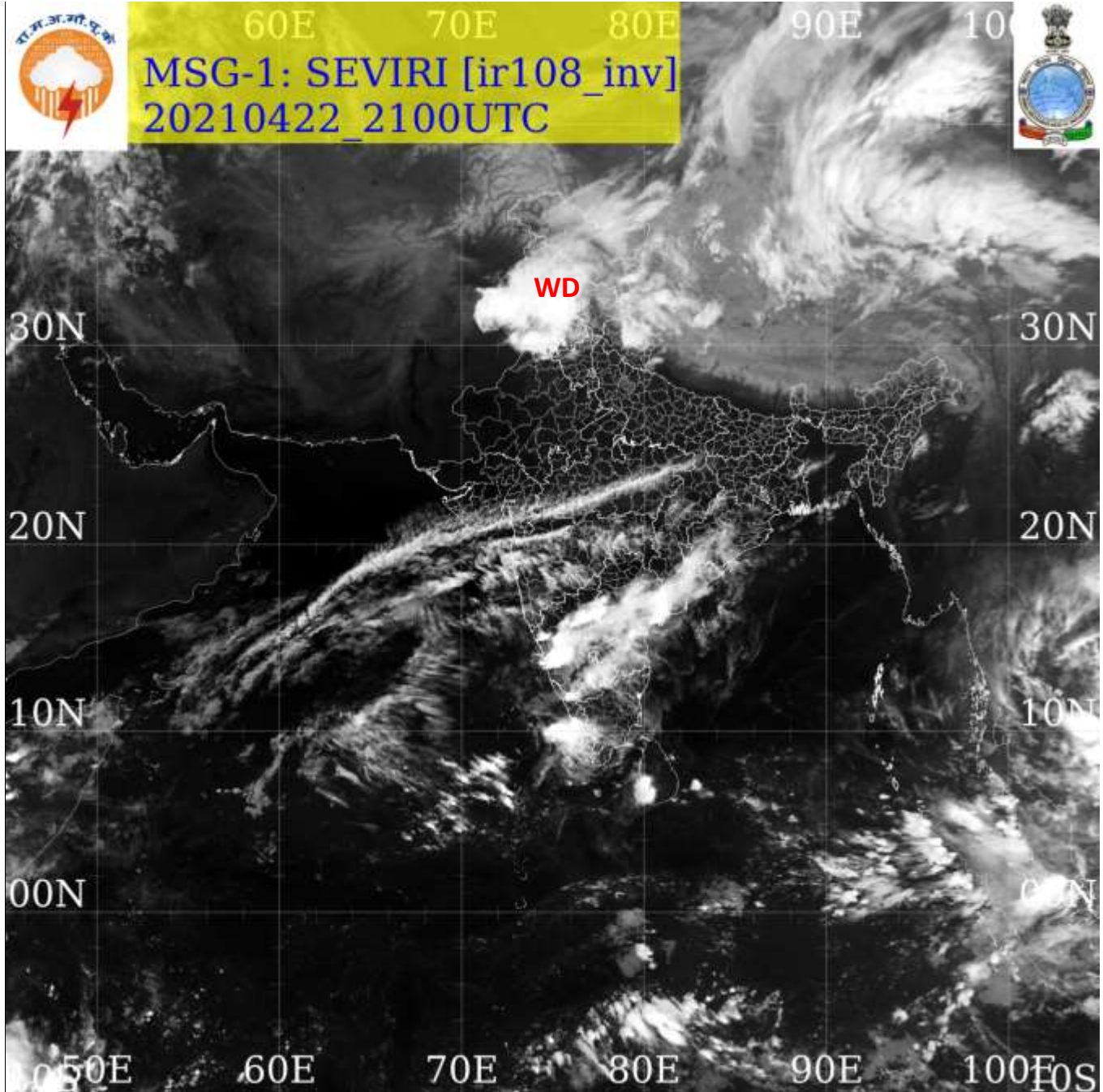


भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



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

22.04.2021 TIME 2100 UTC



TCIN50 DEMS 222100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 222100 UTC (.)

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

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

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

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

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S J&K NC UTRKND W PJB ADJ NE PAK (.)SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE LADAKH N J&K (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST LADAKH HP E PJB (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW ORS ADJ EXT SE CHTGH(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC CHTGH SKM ARUPR (.) SCT LOW/MED CLOUDS OVER REST ORS N GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT SE GUJ MAHA SC MP (.)SCT LOW/MED CLOUDS OVER GOA (.)

SOUTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE OF SIK SOUTH OF NIK NC&S KER S TLNGN RYLSM N COTL AP (.)SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S COTL AP (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST TN REST KER REST KRNTK & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN & LKSDP ILS(.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT SE ARSEA (.)SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER EXT WC ADJ SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

VORTEX(SURIGAE) OVER PHILIPPINES SEA :-

VORTEX (SURIGAE) OVER PHILIPPINES SEA & N/HOOD CENTERED NEAR **21.3N/127.4E** (.) INTENSITY **T4.5/5.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CIRCULAR CONVECTIVE CLOUDS MASS OVER AREA BET LAT 16.5N TO 25.0N LONG 126.0E TO 131.5E (.)

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N PAK TIBET GULF OF THAILAND CAMBODIA S LAOS S VIETNAM SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO CELEBES ILS & SEA SULU SEA PHILIPPINE N MEDAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 3.0S TO 28.0S LONG 41.0E TO 74.0E AND BET LAT 02.0S TO 30.0S LONG 75.0E TO 102.0E (.)

TOO 23/0240EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	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 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
	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