



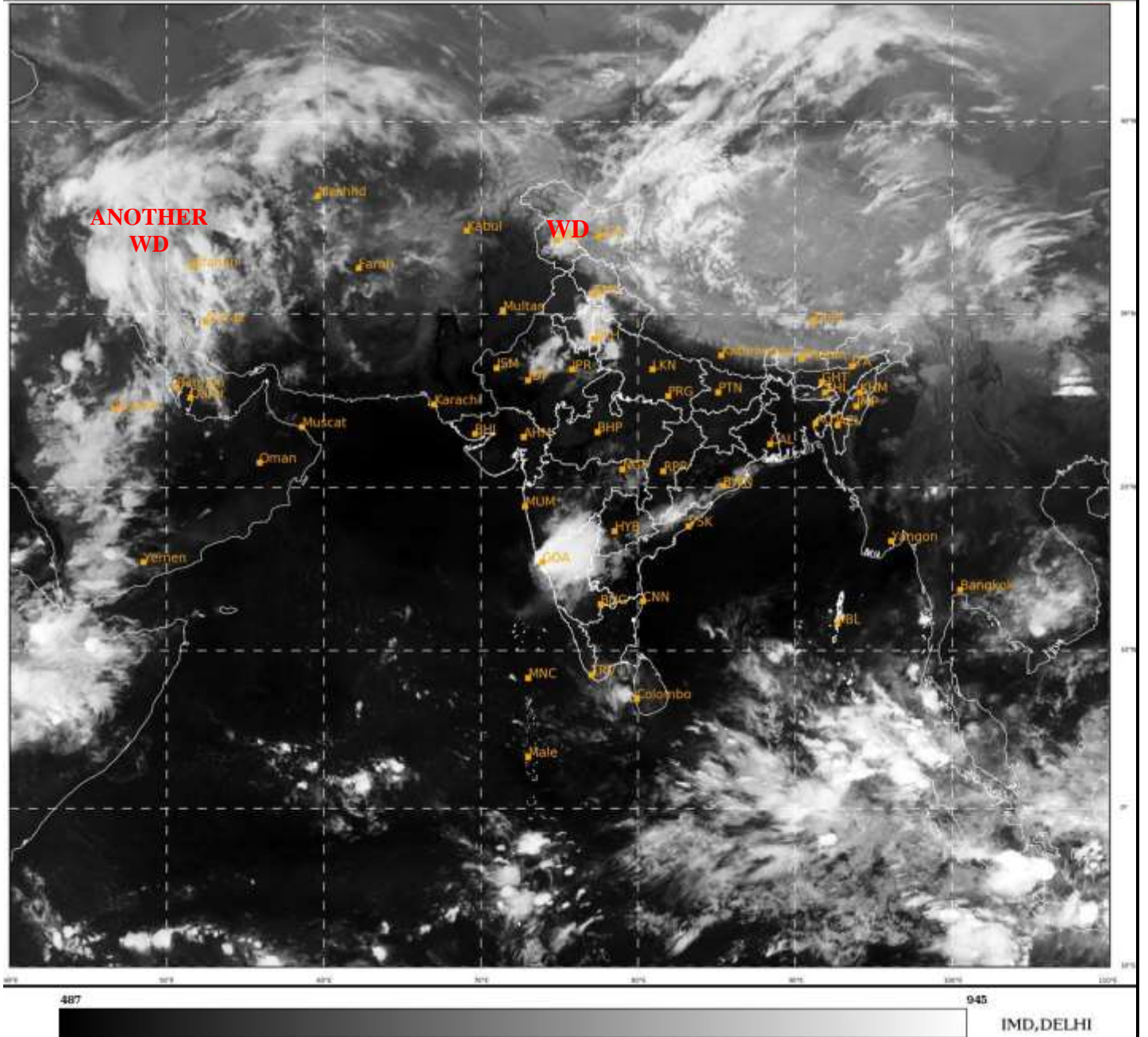
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
25.04.2022 TIME 1800 UTC

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

25-04-2022/(1700 to 1726) GMT
25-04-2022/(2230 to 2256) IST



TCIN50 DEMS 251800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 251700 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 MULTILAYERED CLOUDS OVER LADAKH J&K N HP 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 (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

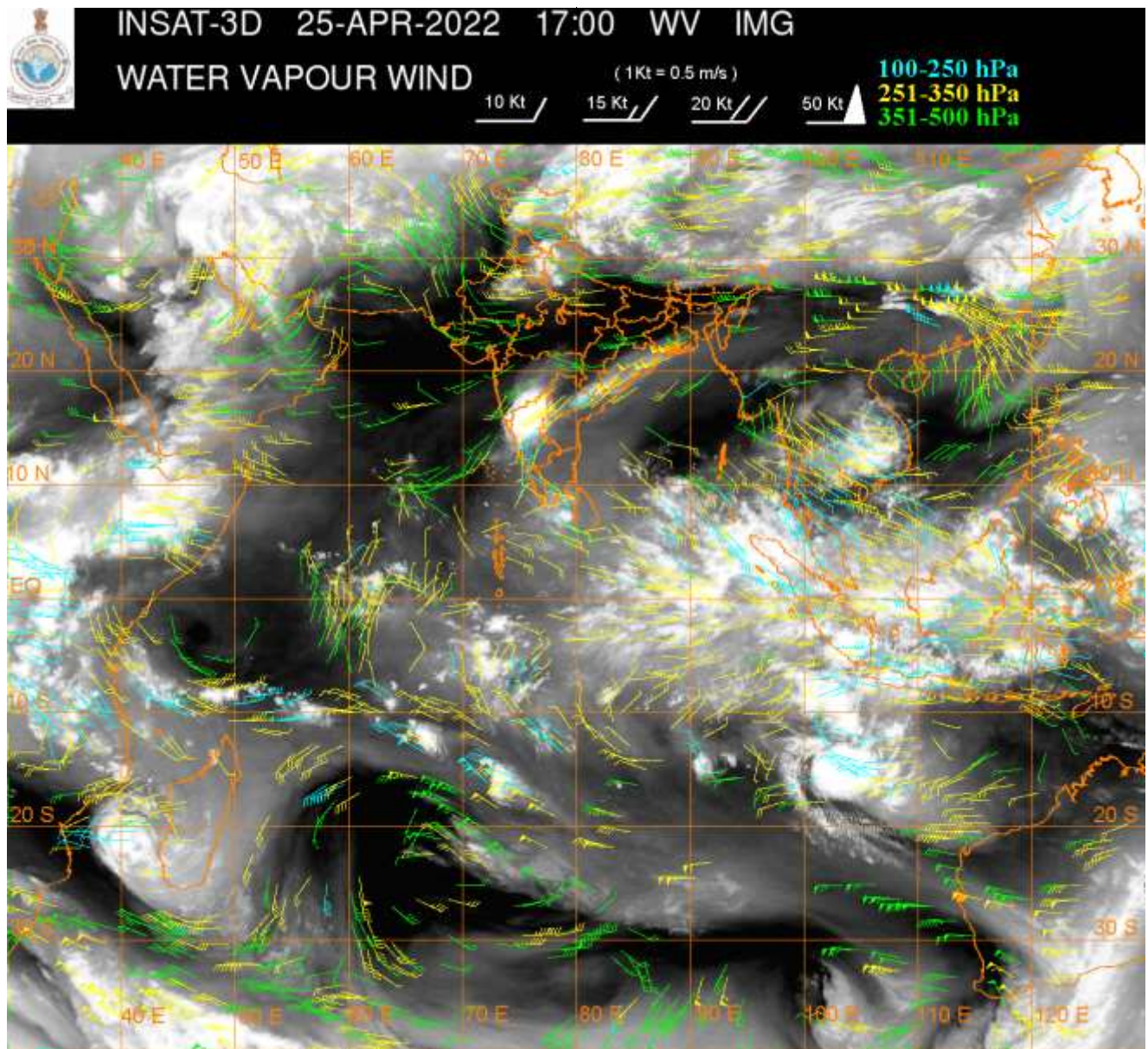
THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER LADAKH J&K S PJB HARY N RAJ SW ORS NIK ADJ SOUTH M MAHA GOA (.)

PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1600 UTC AT A LEAD TIME OF 03 HRS (MM/HR) :-

RAINFALL UPTO **5-12 MM** OBSERVED OVER EXT S CHTGH ADJ SE TLNGN NW NIK (.)

RAINFALL UPTO **0.5-5 MM** OBSERVED OVER J&K E ARUPR SOUTH M MAHA GOA EXT N KER (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K S HP SW UTRKND SE PJB SW & E HARY ADJ NW UP DLH (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER N HP REST UTRKND (.) ISOL TO SCT LOW/MED CLOUDS OVER E PJB SW UP REST HARY (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ORS ARUPR (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT S CHTGH E ORS SKM MEGHA N MANI (.) SCT LOW/MED CLOUDS OVER N CHTGH ASSAM NAGA MANI (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GOA ADJ S KKN (MINIMUM CTT MINUS **88** DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N RAJ SOUTH MADHYA MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER VID (.) SCT LOW/MED CLOUDS OVER SE RAJ S MP REST MAHA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NIK (MINIMUM CTT MINUS **91** DEG C) AND MOD TO INT CONVTN OVER N SIK N RYLSM (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SW TLNGN KER & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S TN LKSDP ANDAMAN ILS (.)

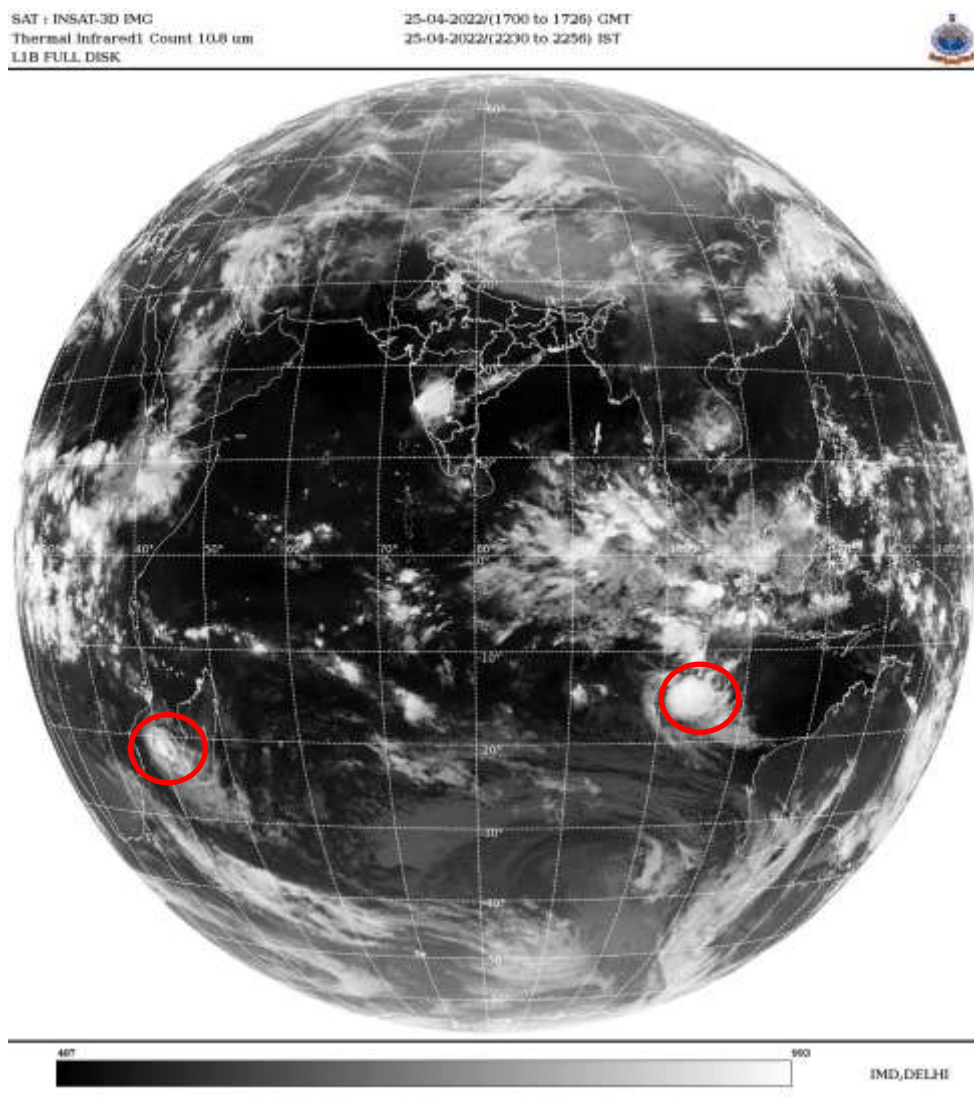
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONV TN OVER SE ARSEA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SE BAY S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (JASMINE) OVER SOUTH INDIAN OCEAN:-

VORTEX (**JASMINE**) OVER SOUTH INDIAN OCEAN (MOZAMBIQUE CHANNEL) WITH CENTERED NEAR **21.6S / 40.9E** (.) INTENSITY **T4.0/4.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER AREA BET LAT 19.0S TO 25.0S AND LONG 37.5E TO 42.0E (.)

ANOTHER VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN WITH CENTERED NEAR **14.1S / 102.3E** (.) INTENSITY **T2.5/2.5** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER AREA BET LAT 13.0S TO 16.0S AND LONG 101.0E TO 106.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SRI LANKA GULF OF MANNAR TIBET CHINA YELLOW SEA S THAILAND GULF OF THAILAND CAMBODIA S LAOS S VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA S MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 42.0E TO 110.0E (.)

TOO 25/2305 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH OR 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
	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