



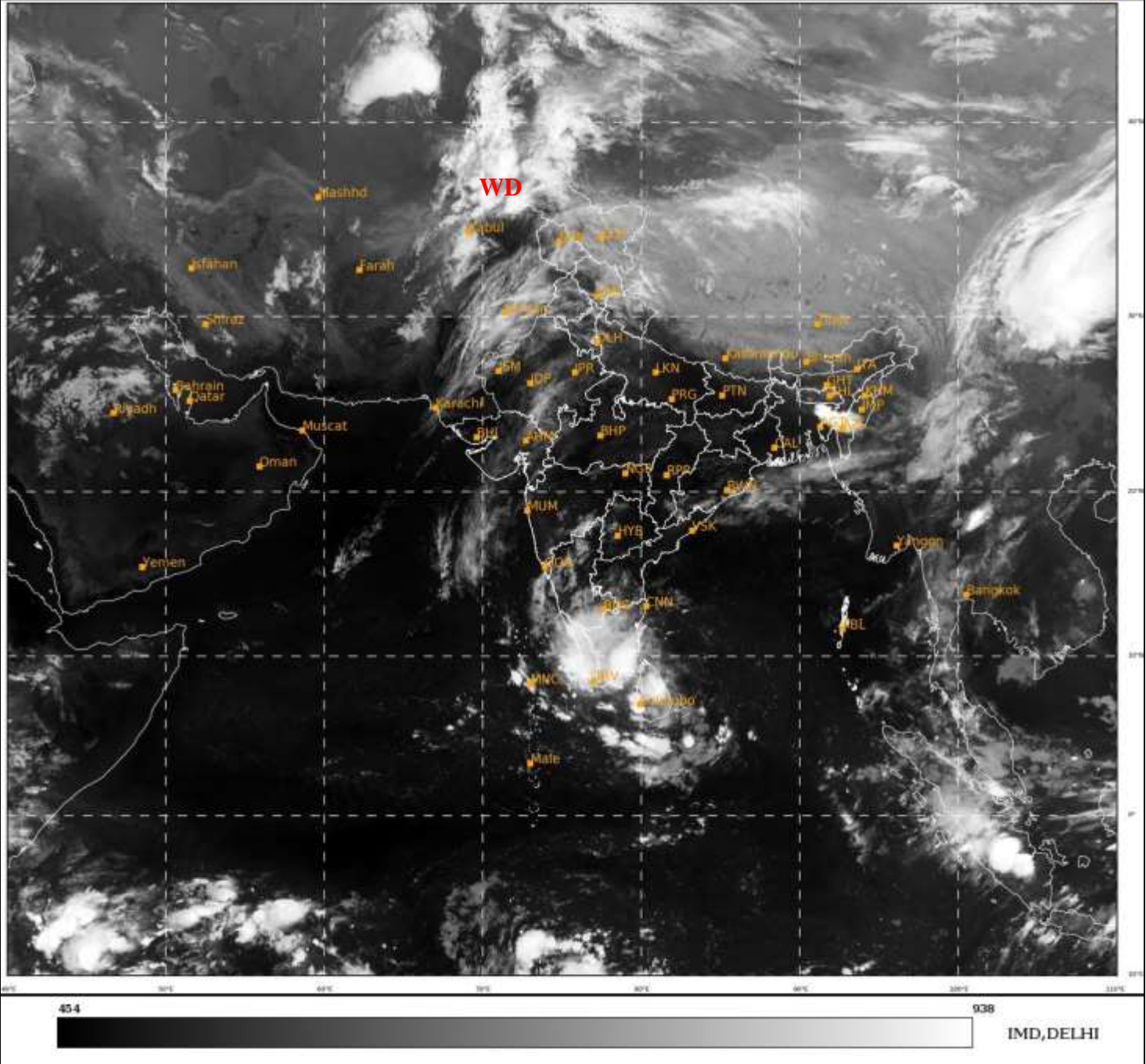
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
11.04.2022 TIME 1800 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

11-04-2022/(1715 to 1742) GMT
11-04-2022/(2245 to 2312) IST



TCIN50 DEMS 111800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 111700 UTC (.)

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

SALIENT FEATURES:-

CONVECTION OVER SW BAY OFF TAMILNADU-SRILANKA COASTS & N/HOOD:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY TN PALK STR GULF OF MANNAR SRILANKA PERSISTS (.) MINIMUM CTT MINUS 70 DEG C (.)

THUNDERSTORM/ CONVECTIVE ACTIVITIES:-

THUNDERSTORM/ CONVECTIVE ACTIVITIES OBSERVED OVER KERALA TN (MINIMUM CTT MINUS 75 DEG C) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER AFGAN PAK LADAKH AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

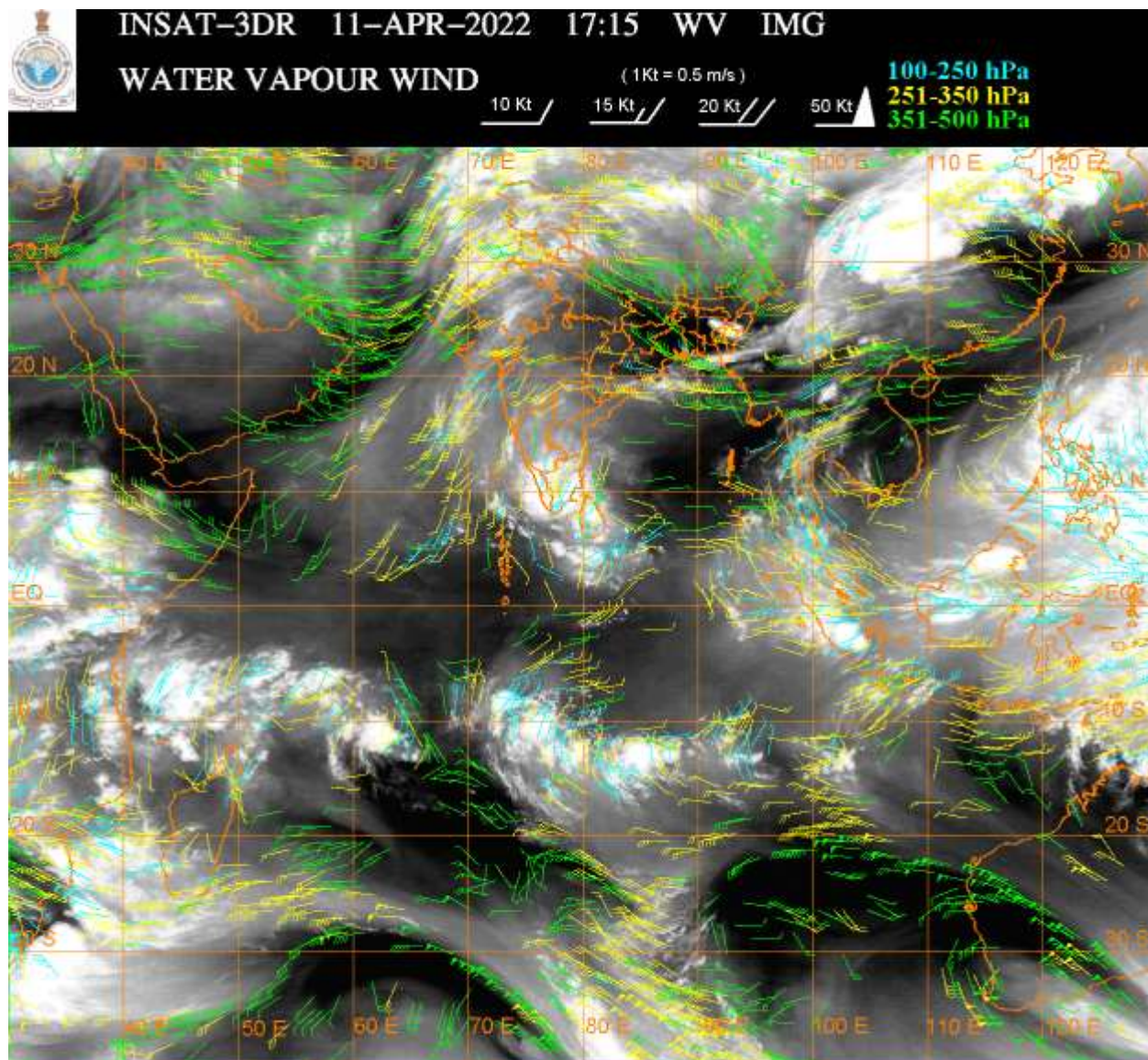
PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1700 UTC AT A LEAD TIME OF 03 HRS (MM/HR) :-

RAINFALL UPTO **10-15 MM** OBSERVED OVER NC KER SE TN (.)

RAINFALL UPTO **5-10 MM** OBSERVED OVER N TRP ADJ SE ASSAM N MIZO REST S TN S KER (.)

RAINFALL UPTO **2.0-05 MM** OBSERVED OVER WC KRNTK SW ORS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT SE ASSAM N MIZO N TRP AND ISOL WK CONVTN OVER S ORS SKM (.) SCT LOW/MED CLOUDS OVER CHTGH N ORS N JHRKND N SHWB REST NE STATES (.)

WEST:-

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

SOUTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE TN (MINIMUM CTT **-75**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KER SOUTH SIK REST TN AND WK TO MOD CONVTN OVER N TLNGN S RYLSM S COTL AP REST KRNTK (.)SCT LOW/MED CLOUDS OVER LKSDP ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

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

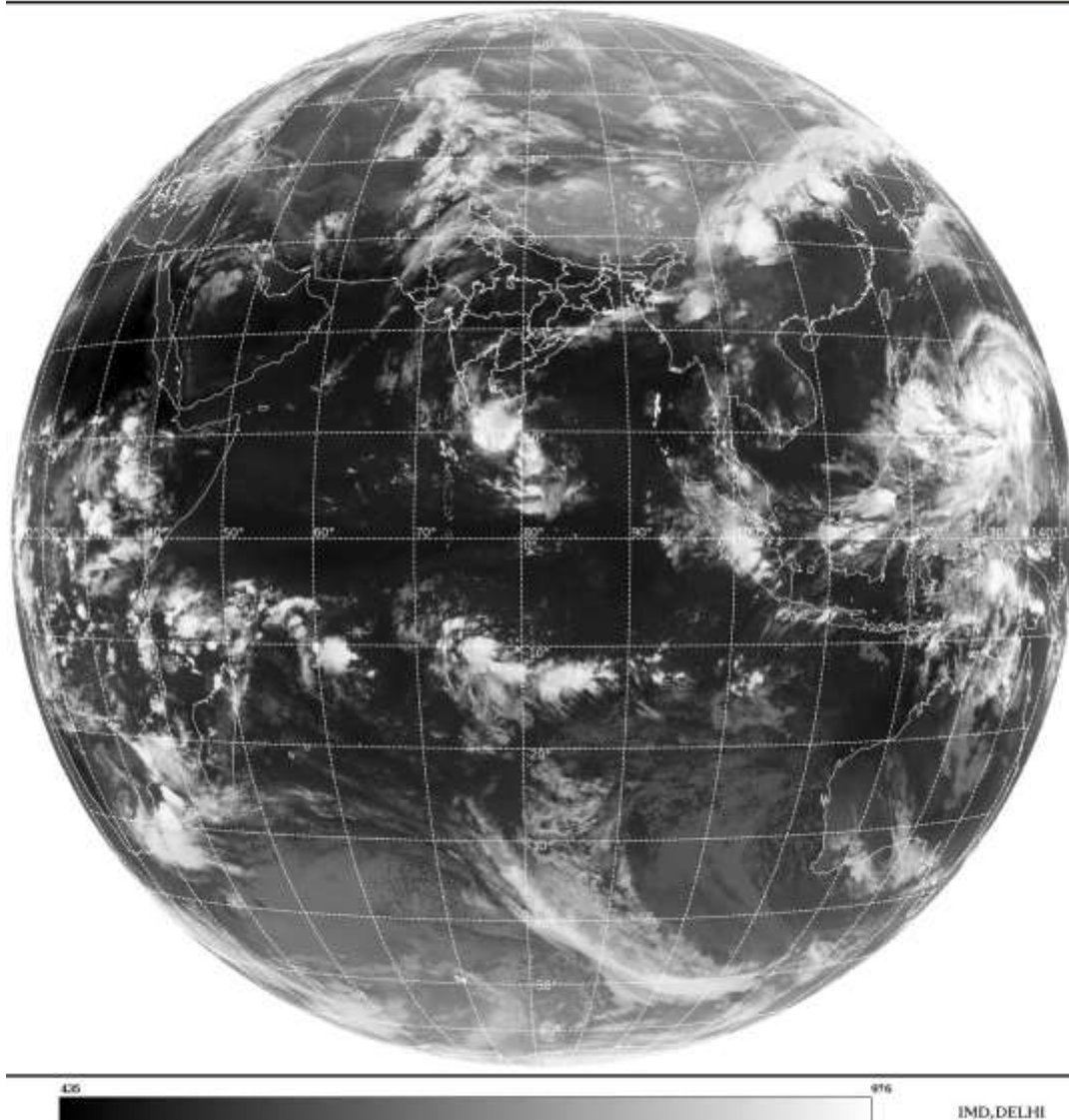
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY OFF TN COAST PALK STR GULF OF MANNAR & SRILANKA AND WK TO MOD CONVTN OVER NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
LIB FULL DISK

11-04-2022/(1500 to 1527) GMT
11-04-2022/(2030 to 2057) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA PALK STR GULF OF MANNAR TIBET CHINA N MYANMAR THAILAND CAMBODIA SUMATRA ADJ W COAST STR OF MALACCA MALAYSIA BORNEO S CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA NE MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0S TO 18.0S LONG 40.0E TO 103.0E AND BET LAT 20.0S TO 30.0S LONG 75.0E TO 90.0E (.)

TOO 11/2330 HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
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REGION	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
	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