

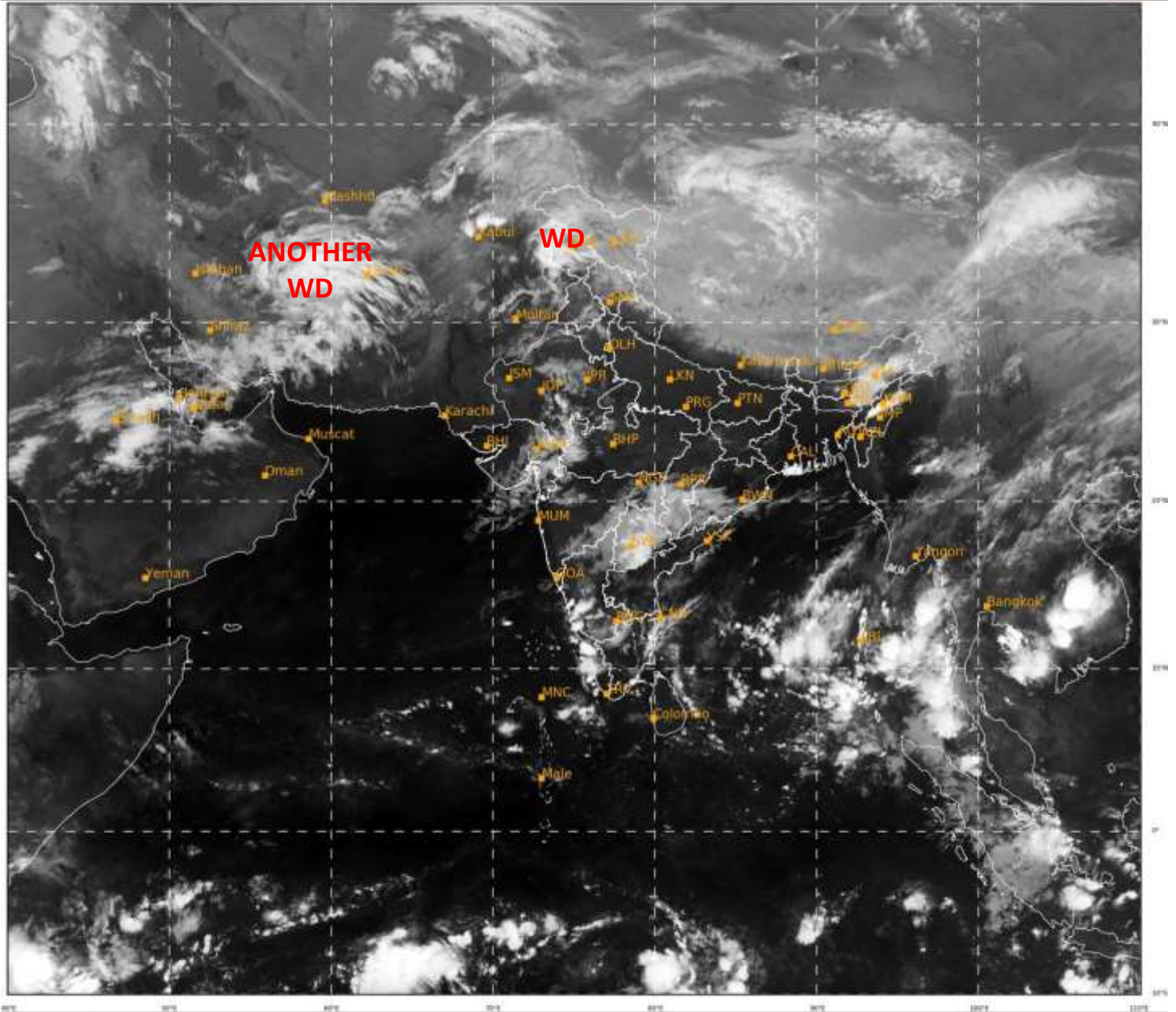


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

14.04.2021 TIME 0000 UTC

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

14-04-2021/(0015 to 0042) GMT
14-04-2021/(0545 to 0612) IST



514

937

IMD, DELHI

TCIN50 DEMS 140000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 140015 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 N PAK LADAKH J&K HP PJB N HARY N RAJ IN ASSW **WD** OVER THE AREA (.)

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



INSAT-3DR 14-APR-2021 00:15 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

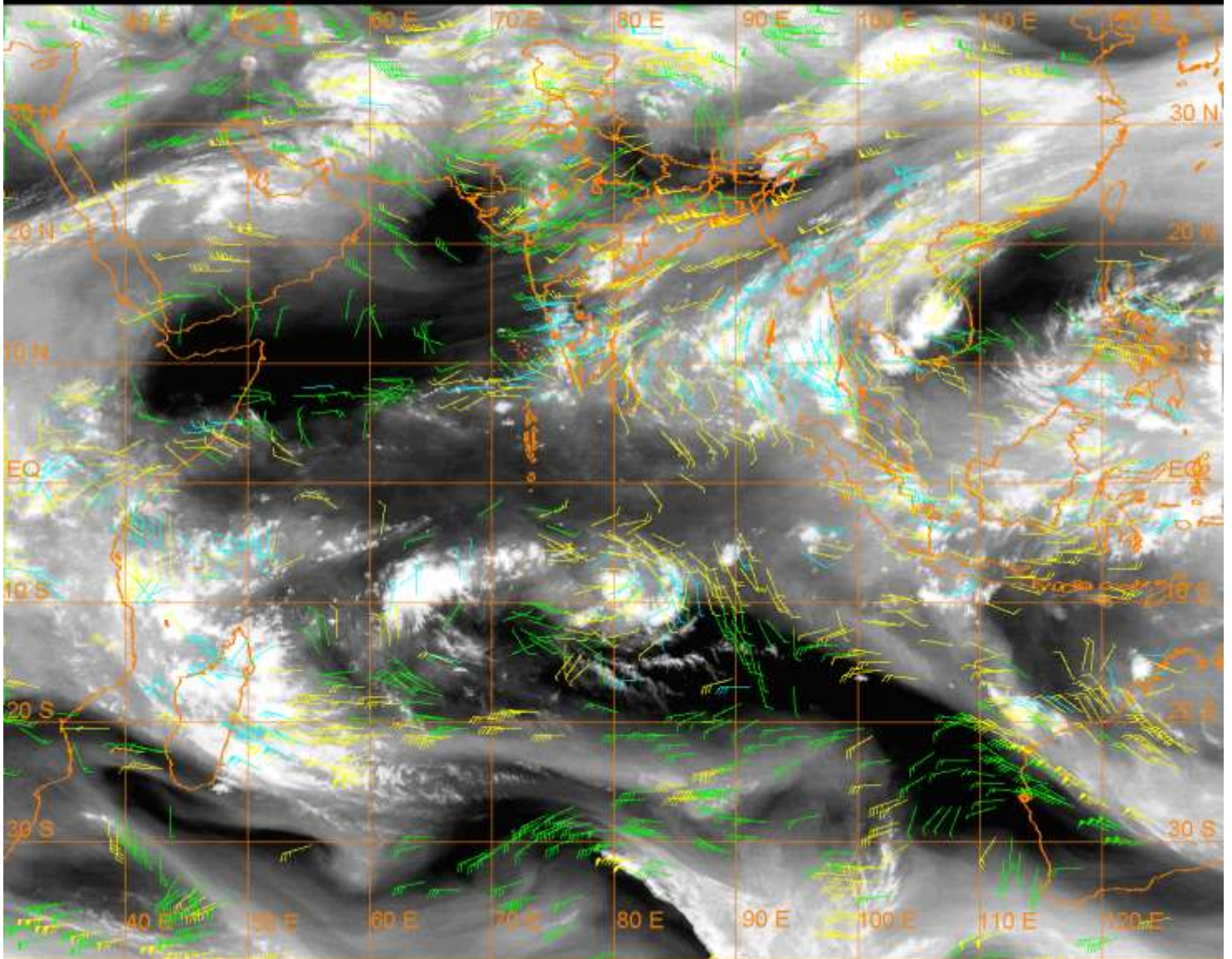
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ARUPR ASSAM E MEGHA
NAGA N MANI (MINIMUM CTT MINUS 65 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD WK
TO MOD CONVTN OVER S CHTGH S ORS SKM (.) SCT LOW/MED CLOUDS OVER N CHTGH N
ORS JHRKND GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SE RAJ E GUJ ADJ SW
MP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N RAJ ADJ NW MP
VID MRTHWD MADHYA MAHA (.) SCT LOW/MED CLOUDS OVER SW GUJ REST MAHA GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN (MINIMUM CTT
MINUS 65 DEG C) SIK COTL KRNTK N KER (MINIMUM CTT MINUS 66 DEG C) N TN & S COTL
TN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N COTL AP NIK
ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER RYLSM S COTL AP S KER S TN &
LKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA OFF KRNTK-KER COASTS (.)

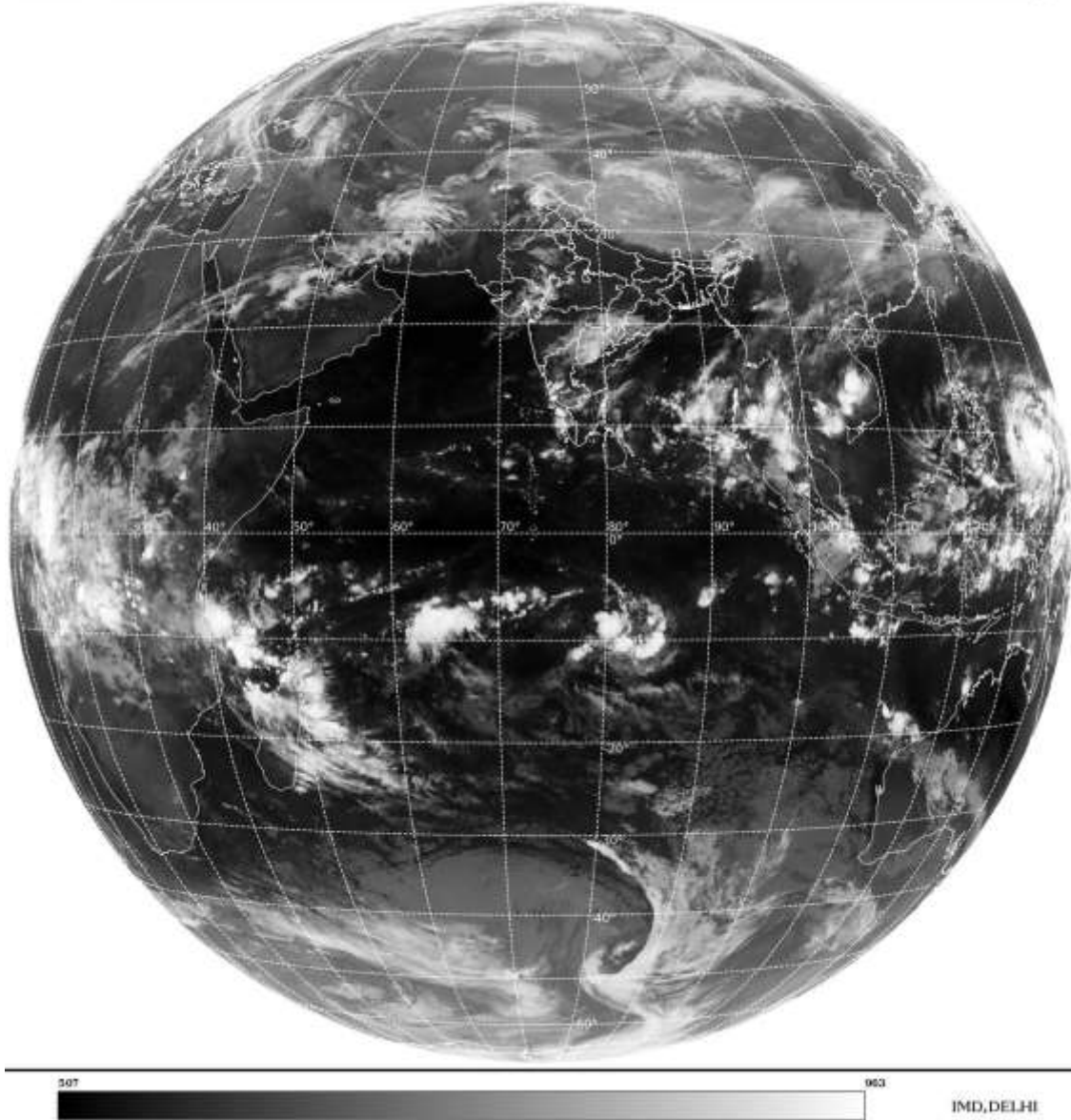
BAY OF BENGAL & ANDAMAN SEA:-

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ANDAMAN SEA (.)
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY & SOUTH PARTS OF C BAY (.)**

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

14-04-2021/(0015 to 0042) GMT
14-04-2021/(0545 to 0612) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N PAK TIBET CHINA E MYANMAR THAILAND GULF OF THAILAND LAOS CAMBODIA VIETNAM SUMATRA STR OF MALACCA BORNEO CELEBES ILS & SEA SULU SEA PHILIPPINES E CHINA SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0S TO 12.0S LONG 40.0E TO 85.0E (.)

TOO 14/0640EF=

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
	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