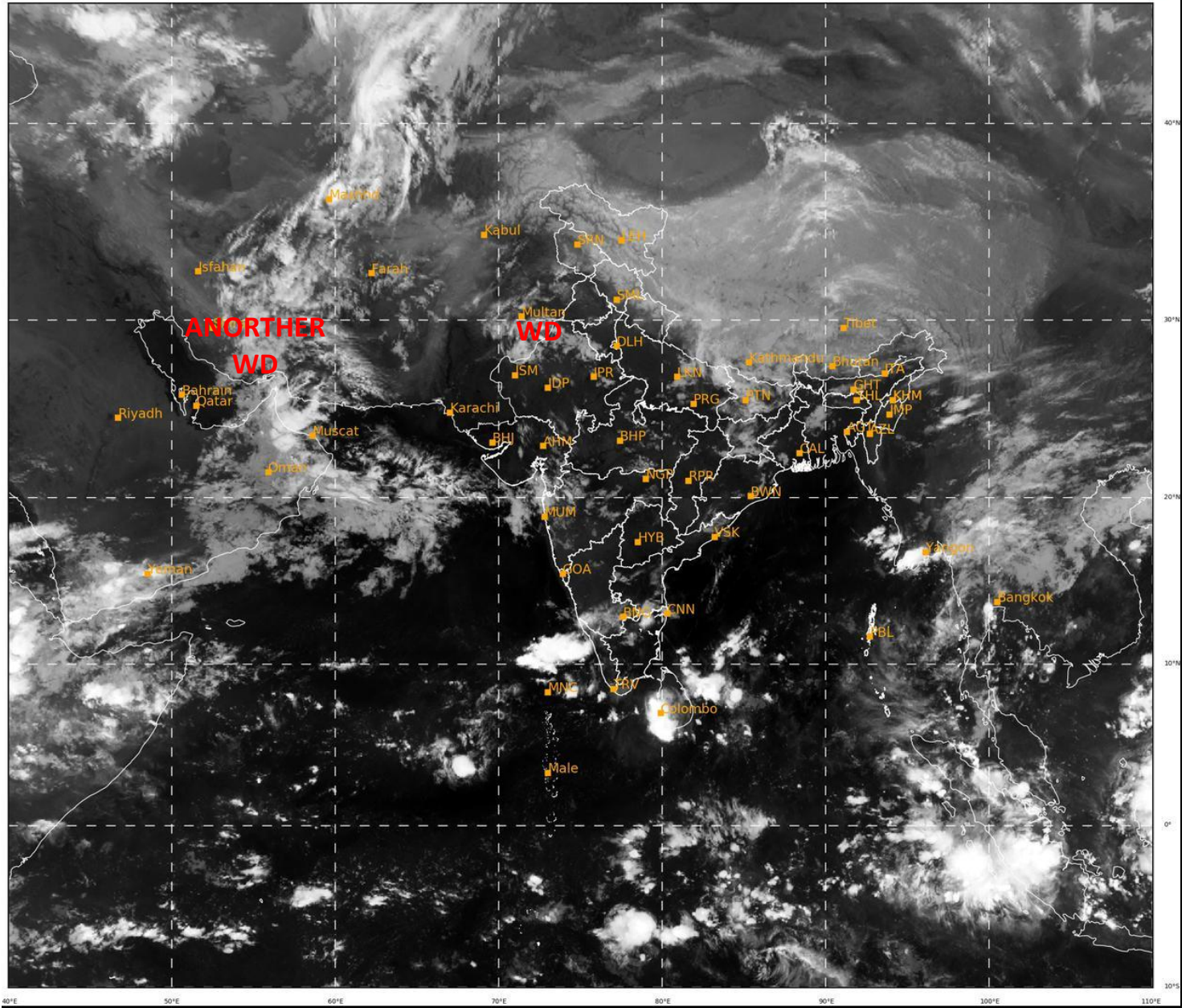


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
 AND PRODUCTS**

30.04.2021 TIME 0000 UTC

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

30-04-2021/(0000 to 0026) GMT
 30-04-2021/(0530 to 0556) IST



508

935

IMD, DELHI

TCIN50 DEMS 300000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 300000 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 C PAK J&K N RAJ SW HARY IN ASSW **WD** OVER THE AREA (.)

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



INSAT-3D 30-APR-2021 00:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

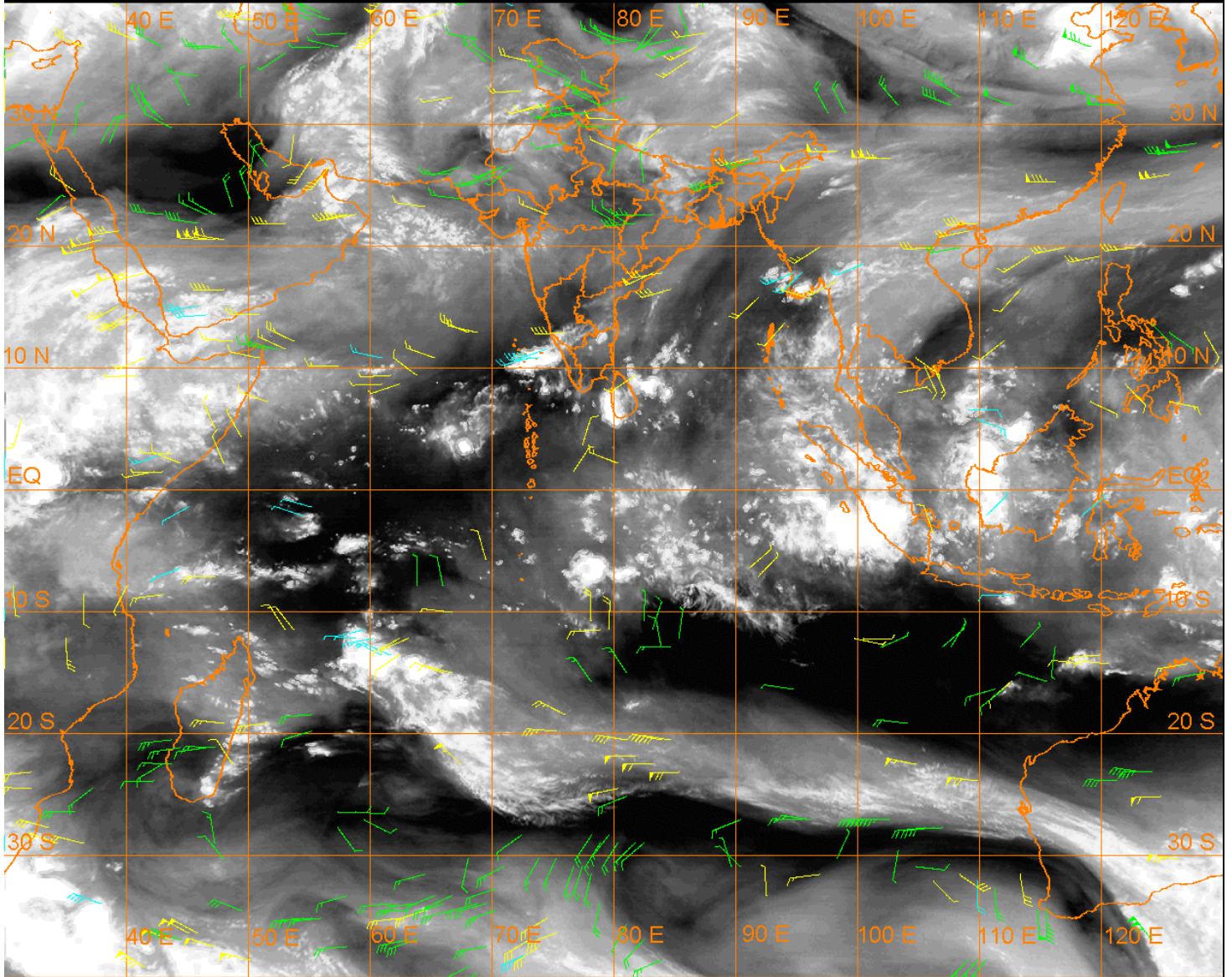
10 Kt

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 ISOL MOD TO INT CONVTN OVER NE UP NEPAL (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND SW HARY S UP (.) SCT LOW/MED CLOUDS OVER PJB REST HARY (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD TO INT CONVTN OVER BHR JHRKND & NW BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER NE ORS GWB SKM ARUPR W ASSAM (.) SCT LOW/MED CLOUDS OVER N CHTGH REST ORS SHWB E ASSAM MEGHA NAGA MANI (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD TO INT CONVTN OVER N RAJ E GUJ N KKN NORTH MADHYA MAHA W VID MRTHWD (.) SCT LOW/MED CLOUDS OVER S RAJ MP REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER LKSDP (MINIMUM CTT MINUS 76 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EXT S COTL AP SIK N KER N TN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN REST COTL AP RYLSM NIK S KER S TN & ANDAMAN ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER LKSDP & N/HOOD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S PARTS OF NORTH ARSEA ADJ C ARSEA (.)

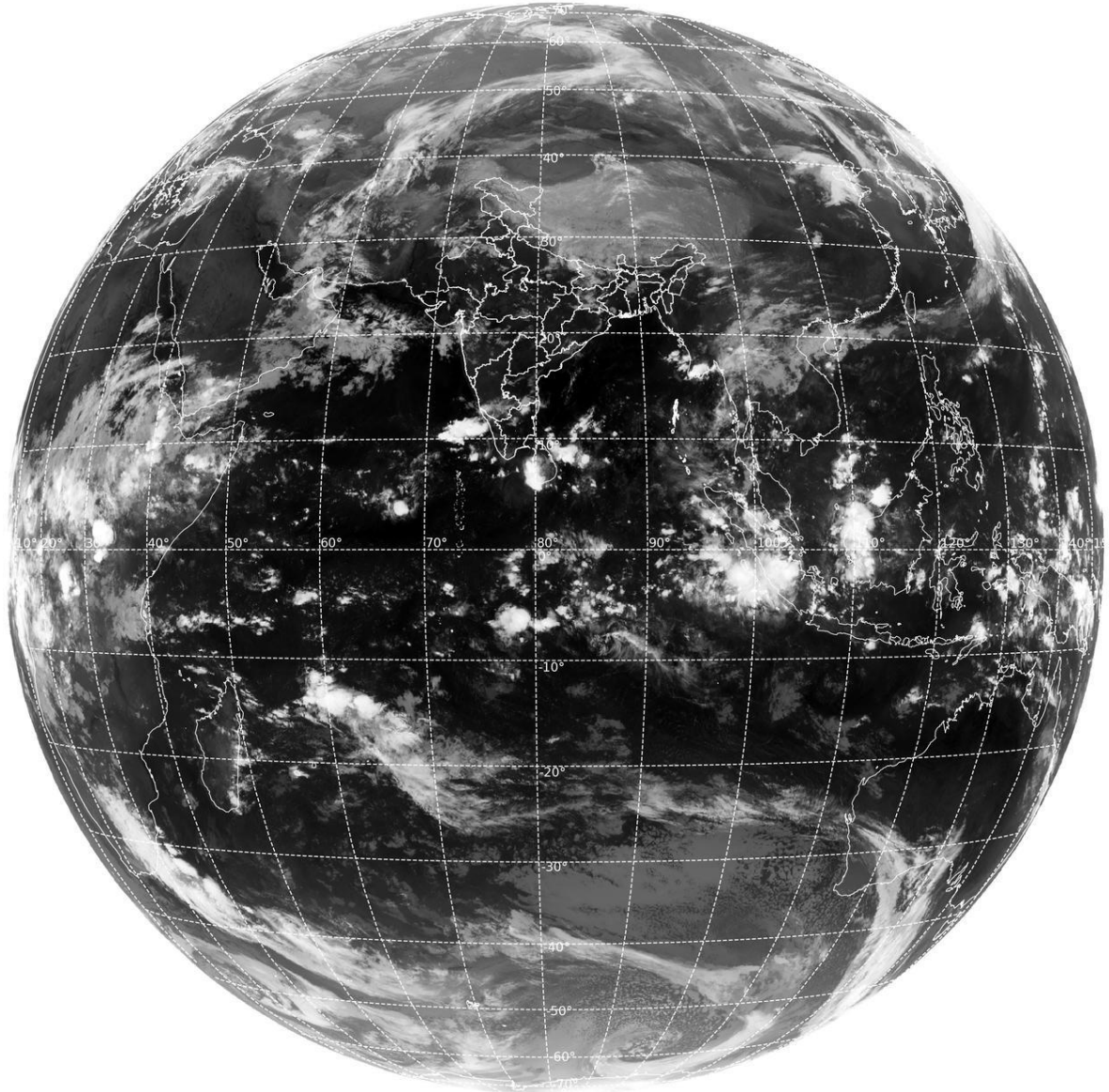
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

30-04-2021/(0000 to 0026) GMT
30-04-2021/(0530 to 0556) IST



514

976

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA C PAK NEPAL TIBET CHINA MYANMAR THAILAND GULF OF THAILAND LAOS N VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO MADAGASCAR AND OVER INDIAN OCEAN BET 5.0N TO LAT 10.0S LONG 40.0E TO 100.0E AND BET LAT 10.0S TO 24.0S LONG 50.0E TO 80.0E (.)

TOO 30/0630EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKMNORTH-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