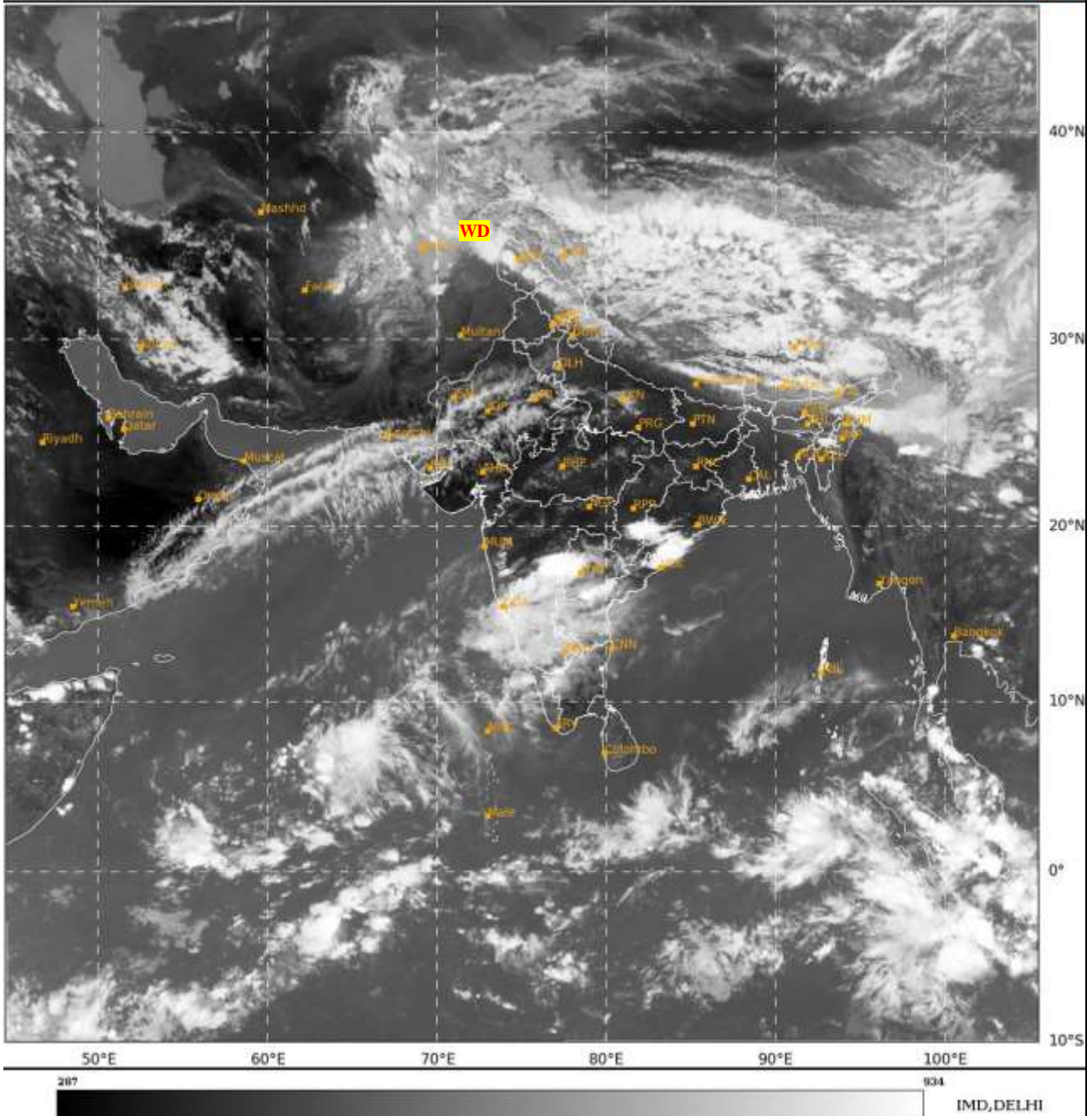




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
20.04.2024 TIME 0900 UTC

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

20-04-2024/(0900 to 0926) GMT
20-04-2024/(1430 to 1456) IST



TCIN50 DEMS 200900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 200900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

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

THUNDERSTORM/CONVECTIVE ACTIVITIES:-

INTENSE TO VERY INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER NE NIK S MRTHWD (MINIMUM **CTT MINUS 90 DEG CEL**) (.)

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER S CHTGH N COTL AP S ORS REST KRNTK TLNGN N RYLSM ARUPR S ASSAM NAGA LKSDP ILS AREA (MINIMUM **CTT MINUS 55-65 DEG CEL**) (.)



INSAT-3D 20-APR-2024 09:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

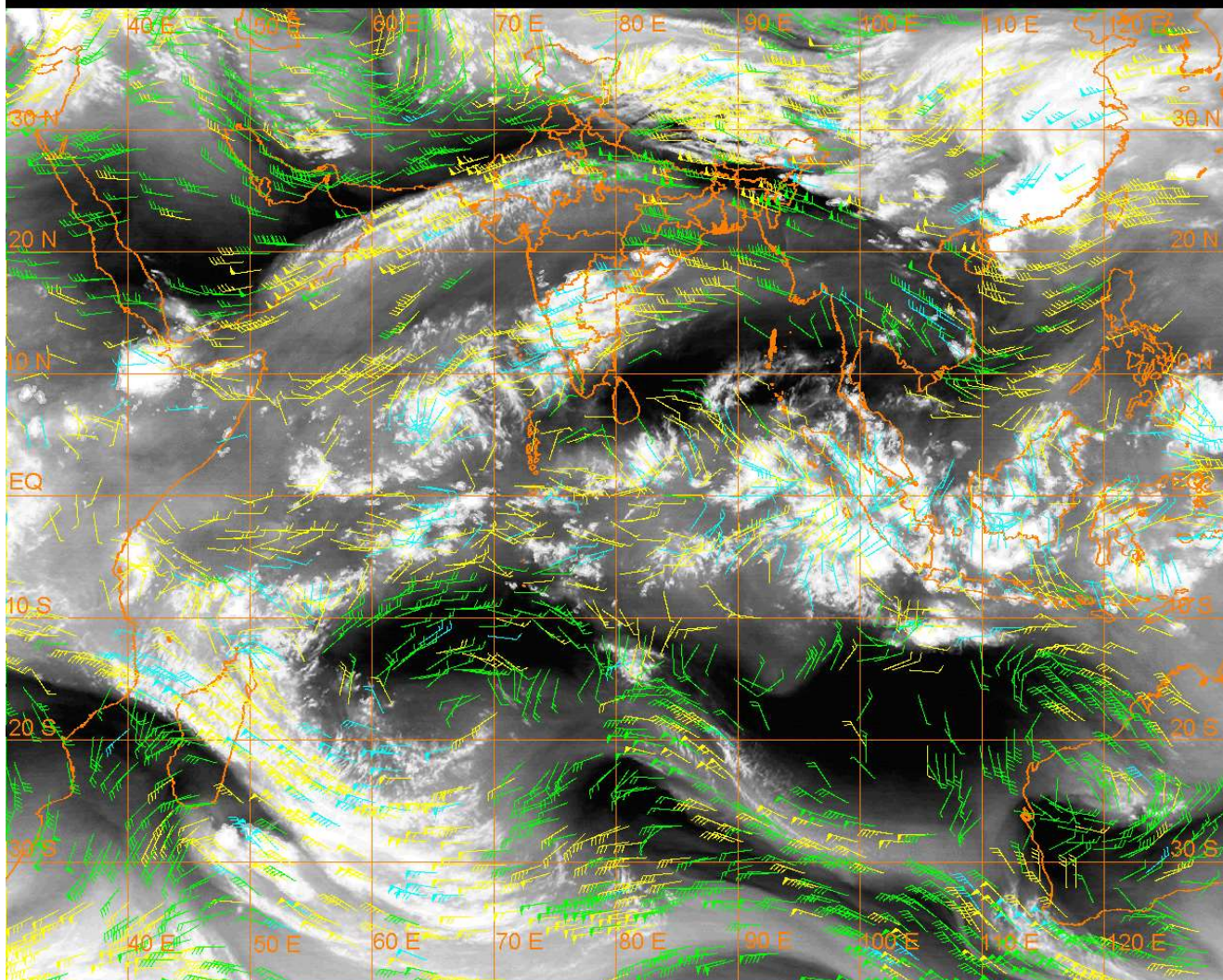
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT CONVTN OVER S CHTGH S ORS (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SKM ARUPR ASSAM NAGA (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER MANI N SHWB (.) SCT LOW/MED CLOUDS OVER BHR JHRKND N CHTGH W GWB N ORS REST SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT S MRTHWD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S KKN GOA RAJ N GUJ NW MP AND WK TO MOD CONVTN OVER S GUJ REST MP REST MAHA (.) SCT LOW/MED CLOUDS OVER NW GUJ REST RAJ MP REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE NIK N COTL AP W & S TLNGN (MINIMUM **CTT MINUS 88 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST KRNTK REST TLNGN RYLSM S COTL AP N KER LKSDP ILS AND WK TO MOD CONVTN OVER NW TN NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S KER REST TN ANDAMAN ILS (.)

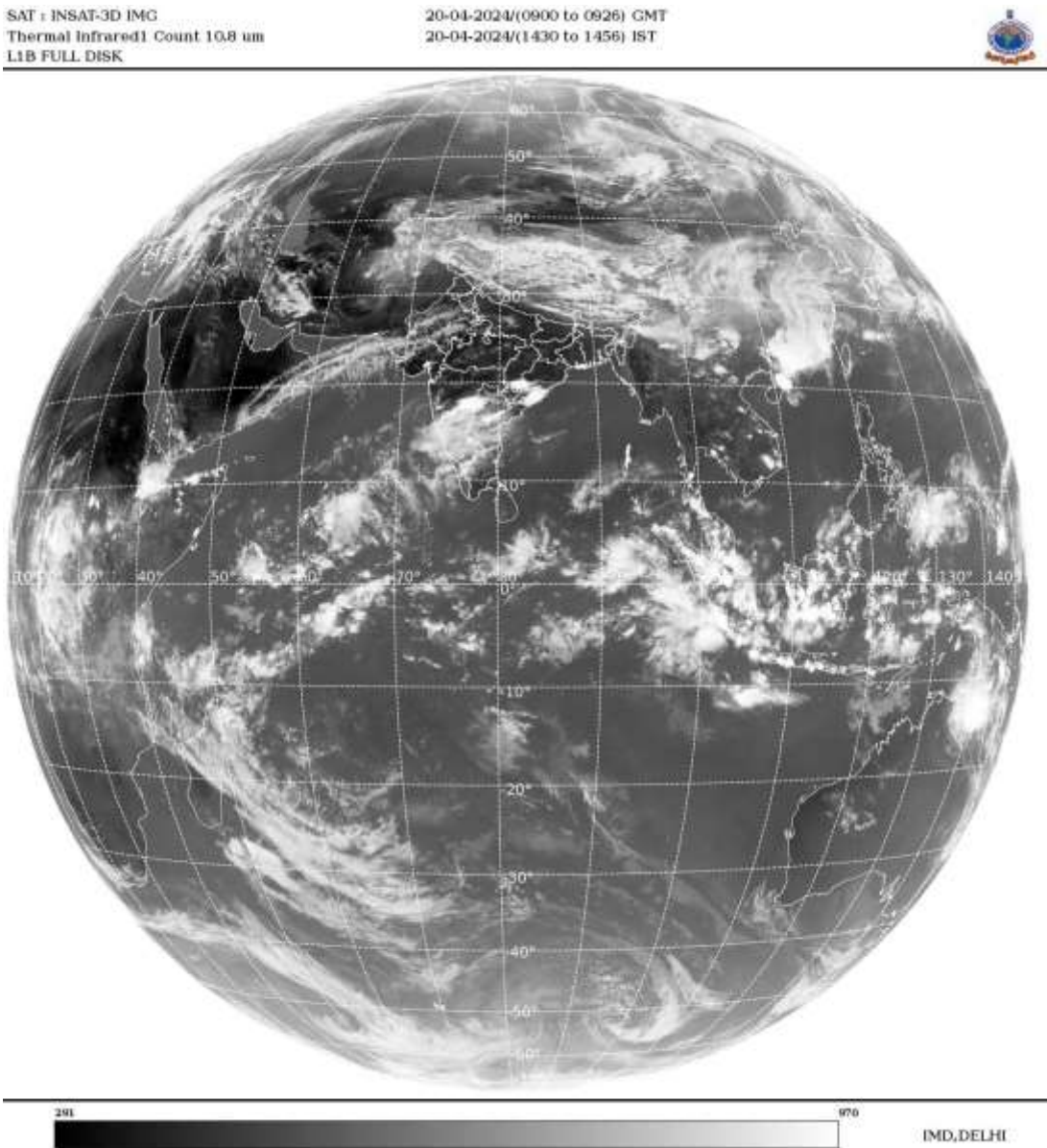
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N ARSEA EC ARSEA ADJ KRNTK COAST SE ARSEA OFF N KER COAST AND ALSO OVER SOUTH CENTRAL ARSEA SOUTH OF LAT 10.0N & LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY & ANDAMAN SEA
(.)**

CLOUDS DESCRIPTION OUTSIDE INDIA:-



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES N PAK TIBET
NEPAL BHUTAN N MYANMAR CHINA YELLOW SEA EAST CHINA SEA TAIWAN S THAILAND S
VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS &
SEA CELEBES ILS & SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN
BET LAT 5.0N TO 12.0S LONG 40.0E TO 110.0E AND BET LAT 12.0S TO 35.0S LONG 40.0E TO 70.0E
(.)**

TOO 20/1530 HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
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REGION	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 TERITORIES	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