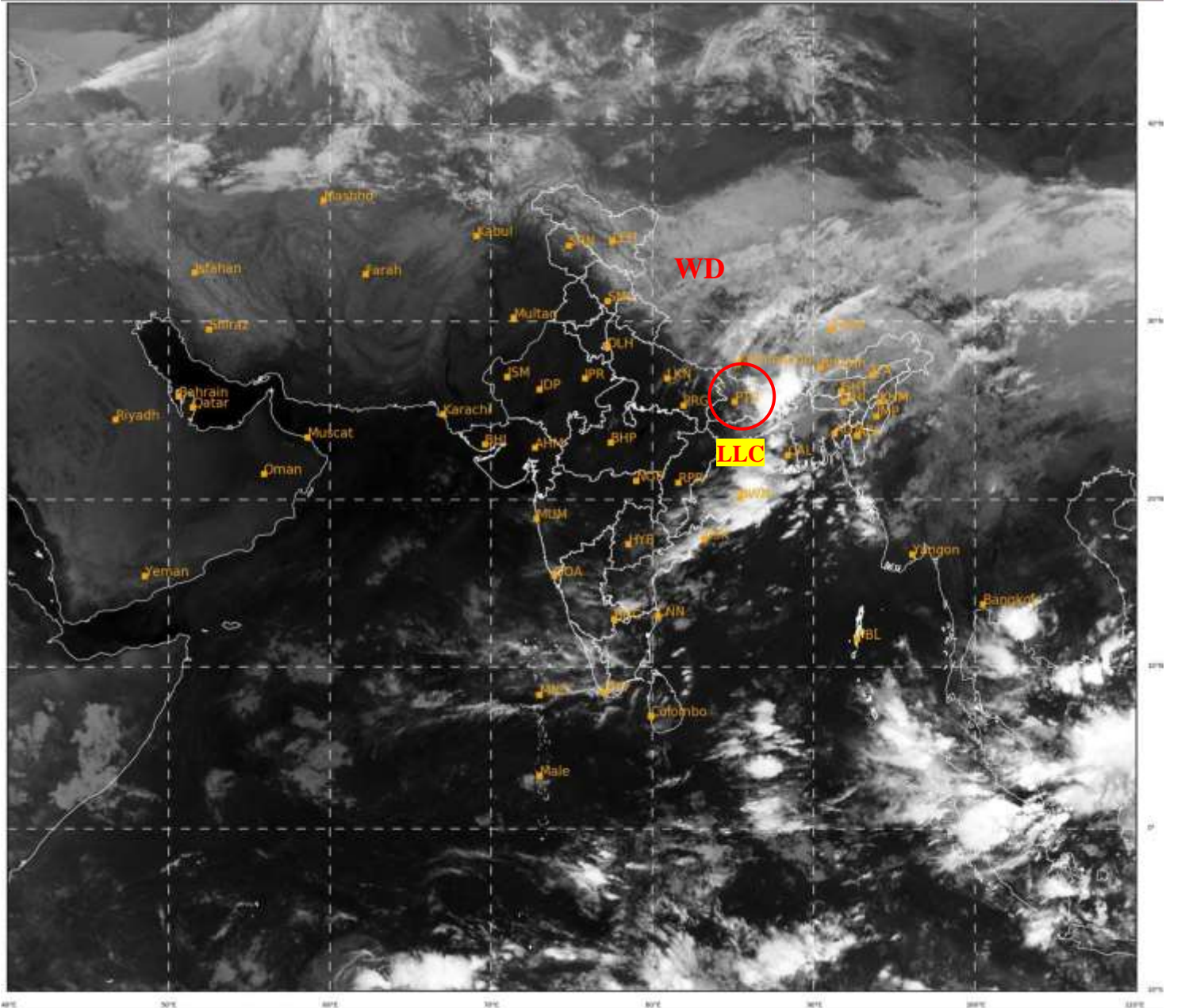




SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
20.10.2021 TIME 0300 UTC

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

20-10-2021/(0300 to 0326) GMT
20-10-2021/(0830 to 0856) IST



512

935

IMD, DELHI

TCIN50 DEMS 200300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 200300 UTC (.)

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

SALIENT FEATURES:-

LLC OVER BHR & N/HOOD :-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR NE JHRKND N GWB SHWB & N/HOOD IN ASSW **LLC** OVER THE AREA (.) MINIMUM CTT MINUS **84** DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER E UP NEPAL TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)



INSAT-3D 20-OCT-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

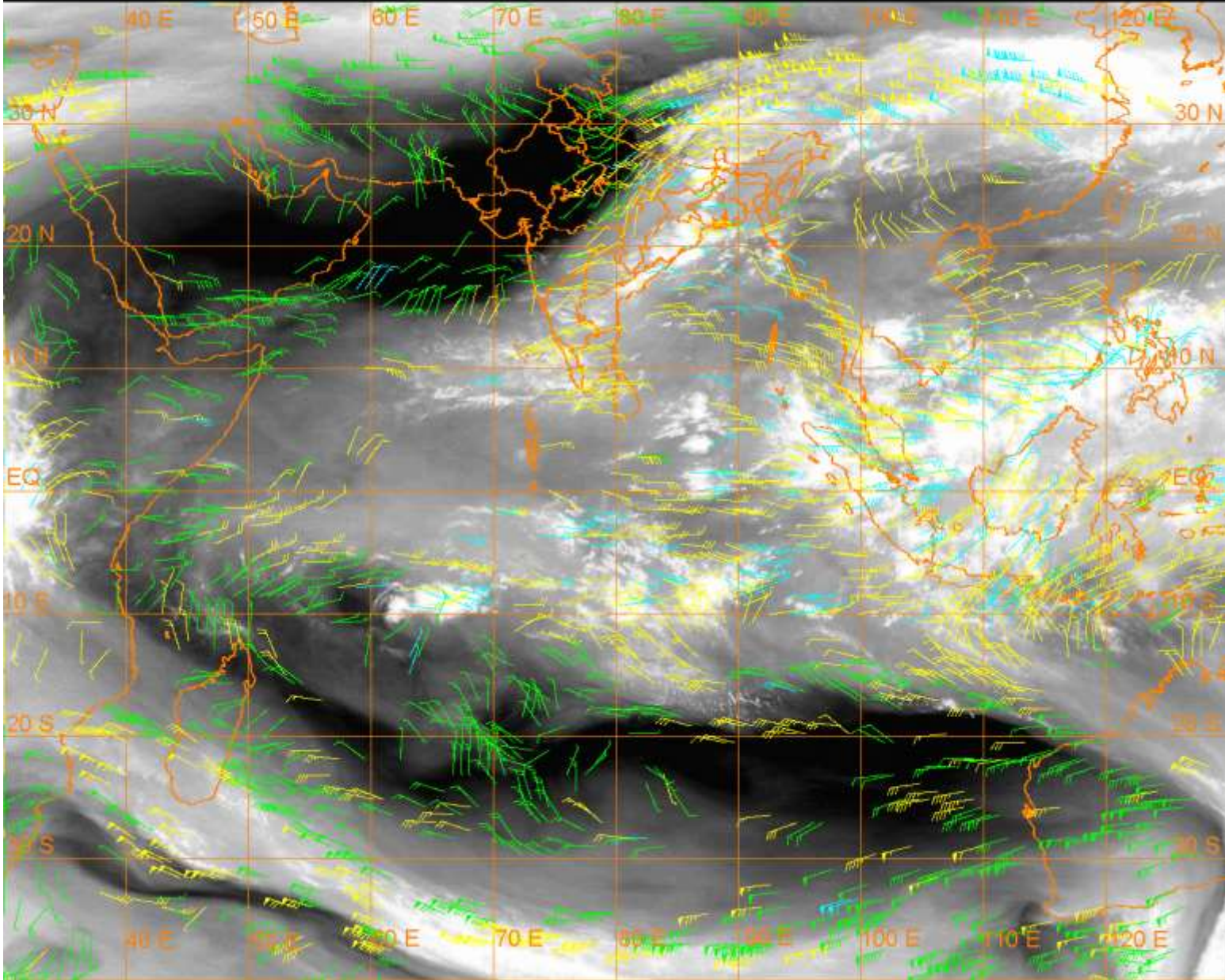
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NE UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER LADAKH N HP N UTRKND REST E UP (.) SCT LOW/MED CLOUDS OVER J&K S HP S UTRKND (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E BHR EXT NE JHRKND N COTL ORS N GWB SHWB & NW BD (MINIMUM CTT MINUS 86 DEG) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S COTL ORS SW GWB SKM AND WK TO MOD CONVTN OVER REST BHR REST E JHRKND S CHTGH REST ORS REST GWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK ISOL CONVTN OVER NE MP M MAHA (.) ISOL TO SCT LOW/MED CLOUDS OVER REST MP MRTHWD (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N COTL AP N KER (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S NIK N & SE SIK S RYLSM REST COTL AP REST KER TN LKSDP NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER REST KRNTK TLNGN REST RYLSM (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONV TN OVER SE ARSEA OFF KER COAST & COMRIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

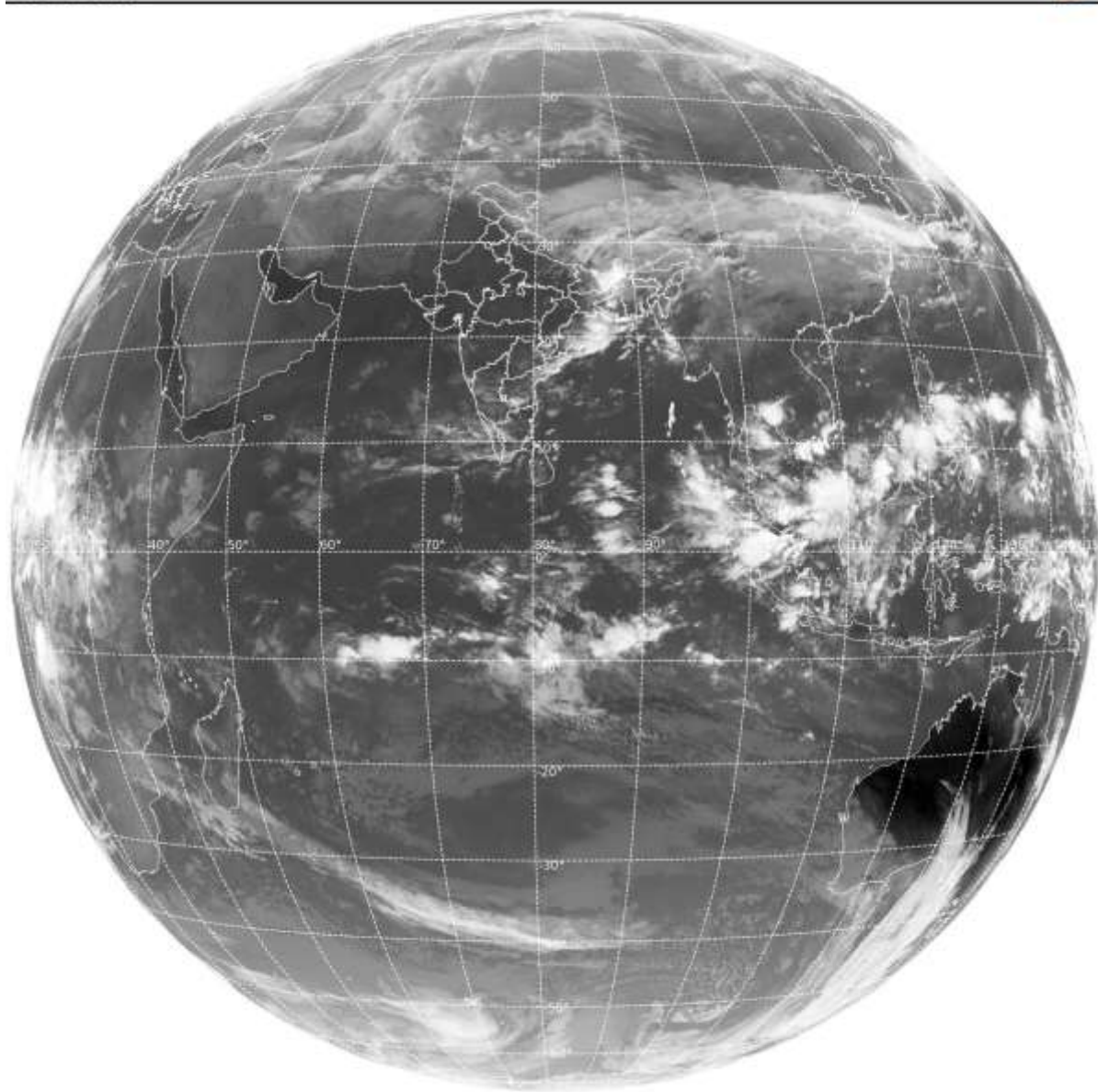
SCT LOW/MED CLOUDS WITH EMBDD ISOL INT TO V INT CONV TN OVER NW & SC BAY S ANDAMAN SEA AND MOD TO INT CONV TN OVER NE & SW BAY N ANDAMAN SEA

(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONV TN REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

20-10-2021/(0300 to 0326) GMT
20-10-2021/(0830 to 0856) IST



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IMD, DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SRI LANKA N PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA MYANMAR THAILAND S VIETNAM SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 16.5S LONG 61.0E TO 109.0E (.)

TOO 20/0945EF=

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
	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