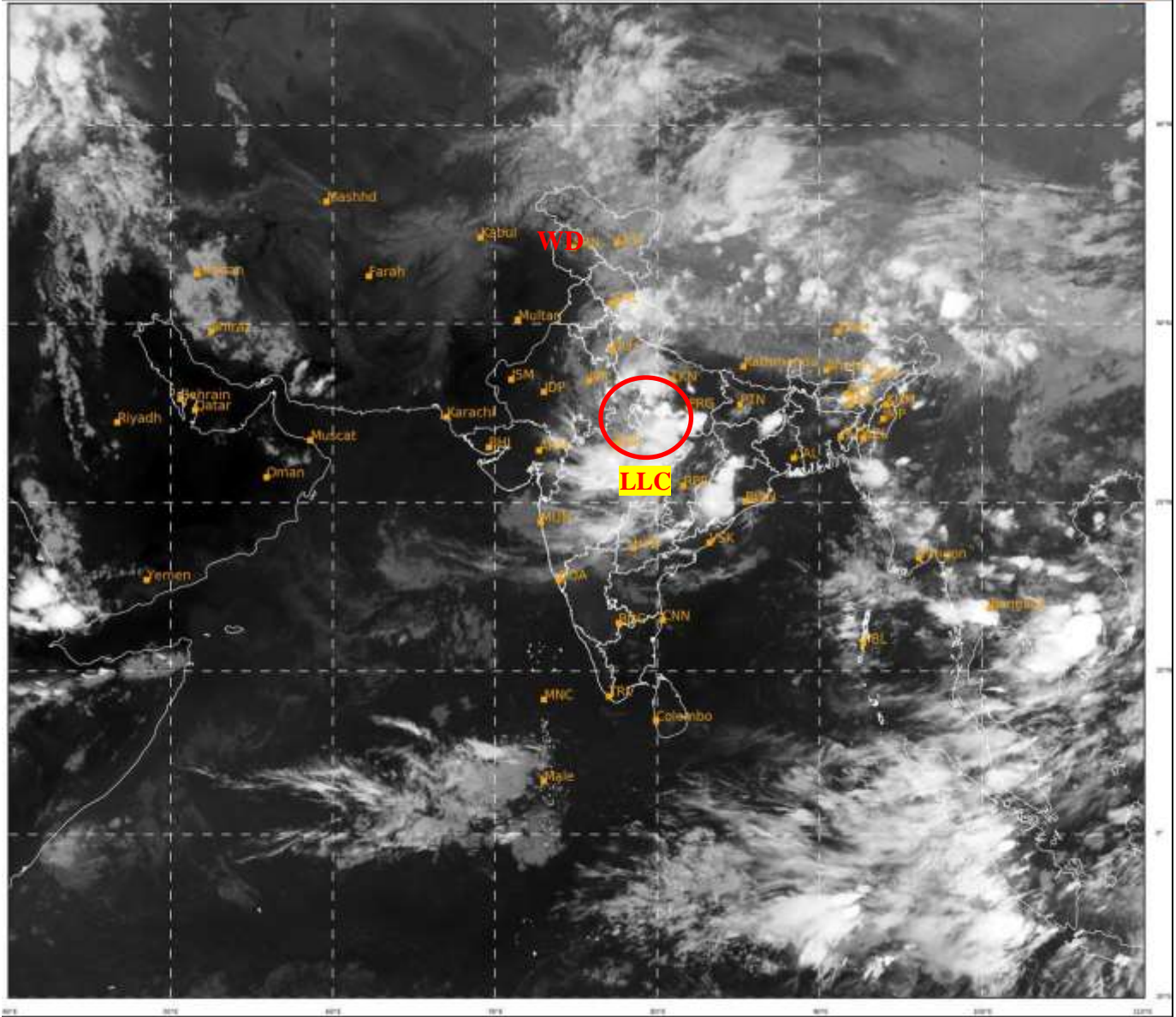




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.09.2022 TIME 1500 UTC

SAT : INSAT-3D IMG
IMG TIR1 10.8 um
LIC Mercator

21-09-2022/(1500 to 1526) GMT
21-09-2022/(2030 to 2056) IST



IMD, DELHI

TCIN50 DEMS 211500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 211500 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

LLC OVER NE ADJ NW MP AND SOUTH UP:-

LOW LEVEL CIRCULATION (LLC) OVER NE ADJ NW MP & SOUTH UP (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP UP (.) MINIMUM CTT MINUS 93 DEG C (.)

WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH HP PJB HARY UTRKND TIBET ADJ CHINA AND N/HOOD IN ASSW WD OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER SE HP UTRKND UP NE JHRKND S CHTGH W ORS N ASSAM ARUPR MP SE RAJ N VID ADJ NORTH MADHYA MAHA MRTHWD N TLNGN (.)



INSAT-3D 21-SEP-2022 15:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

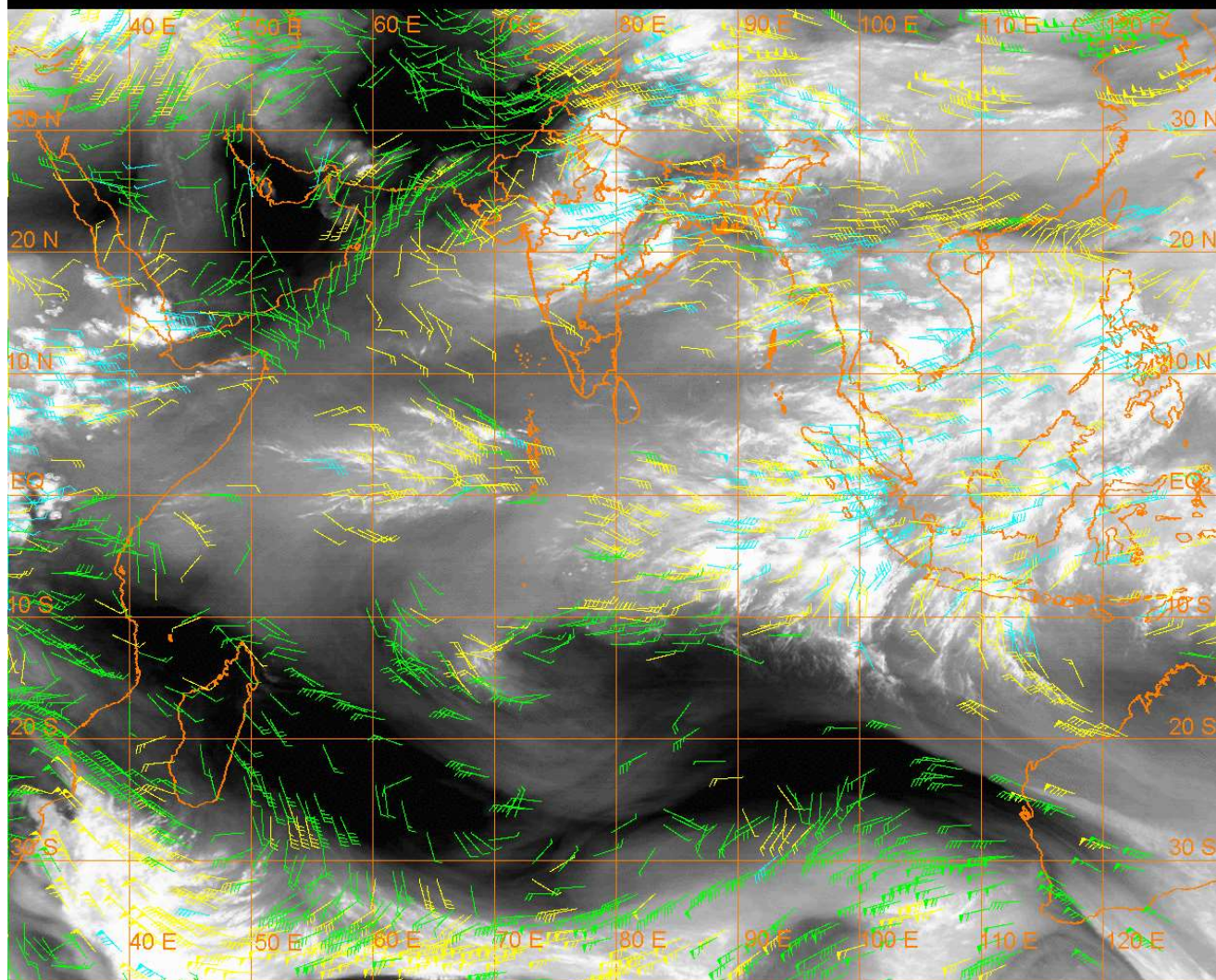
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W UTRKND (MINIMUM CTT MINUS 73 DEG C) S UP (MINIMUM CTT MINUS 93 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE HP E UTRKND NW ADJ NE UP AND WK TO MOD CONVTN OVER LADAKH REST HP E PJB HARY (.) SCT LOW/MED CLOUDS OVER J&K W PJB (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BHR ADJ NE & SE JHRKND EXT S CHTGH W ORS NC ASSAM W ARUPR (MINIMUM CTT MINUS 85 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT N CHTGH W N MEGHA N NAGA S MIZO (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER W BHR REST CHTGH COTL ORS SKM E ARUPR S MEGHA TRP (.) SCT LOW/MED CLOUDS OVER NE BHR REST JHRKND NE ORS (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE RAJ E & SW MP (MINIMUM CTT MINUS 85 DEG C) N VID (MINIMUM CTT MINUS 80 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST E RAJ MADHYA MAHA MRTHWD S VID NE GUJ (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SE GUJ KKN (.) SCT LOW/MED CLOUDS OVER W RAJ & GOA (.)

SOUTH:-

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

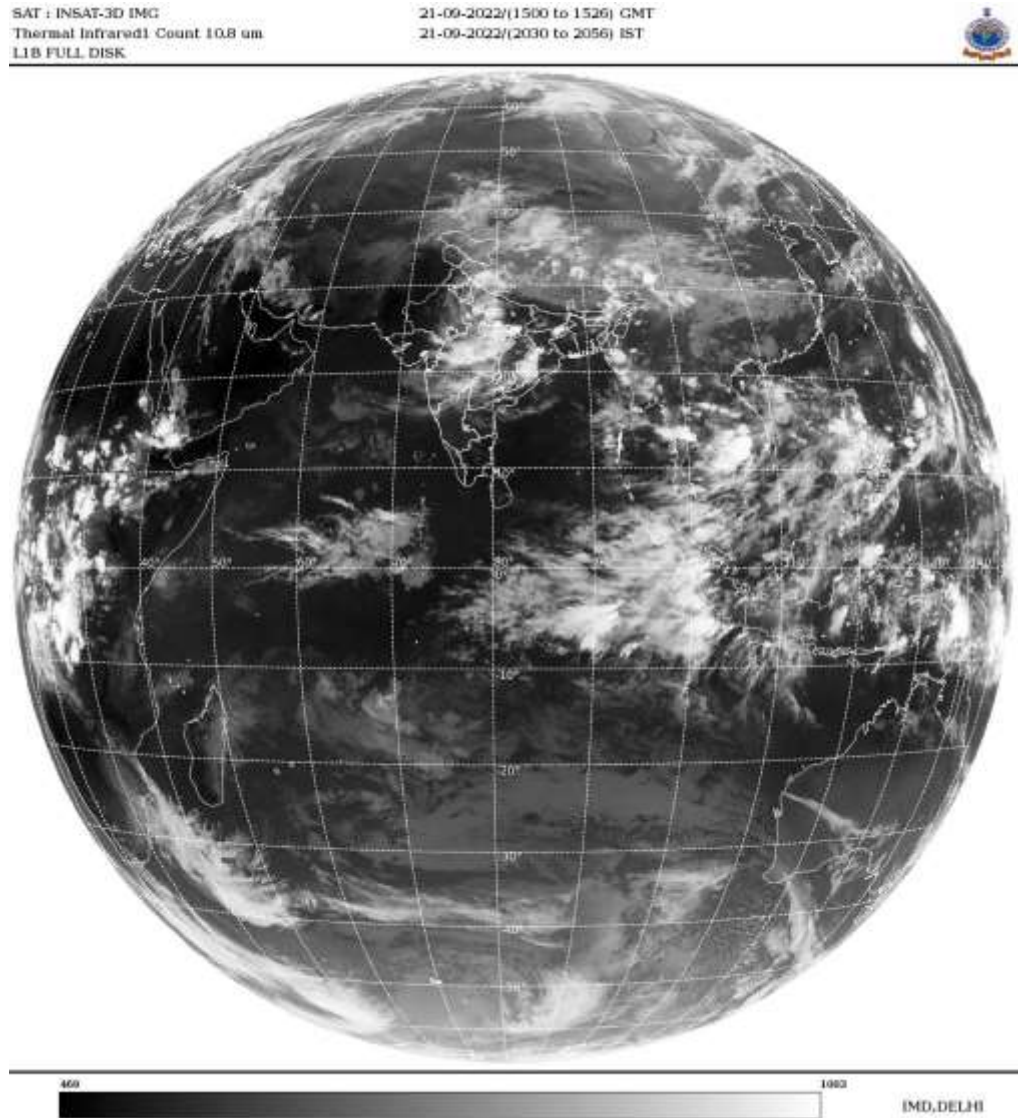
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER EC ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ARAKAN COAST
CENTRAL BAY SE BAY ARAKAN COAST GULF OF MARTABAN AND TENASSERIM COAST
(.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHUTAN TIBET CHINA
MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN
HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS &
SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 7.0N TO
2.0S LONG 53.0E TO 75.0E AND BET LAT 5.0N TO 15.0S LONG 75.0E TO 115.0E (.)

TOO 21/2130 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	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
	ISOL	ISOLATED (LESS THAN 25%)

CLOUD DISTRIBUTION	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