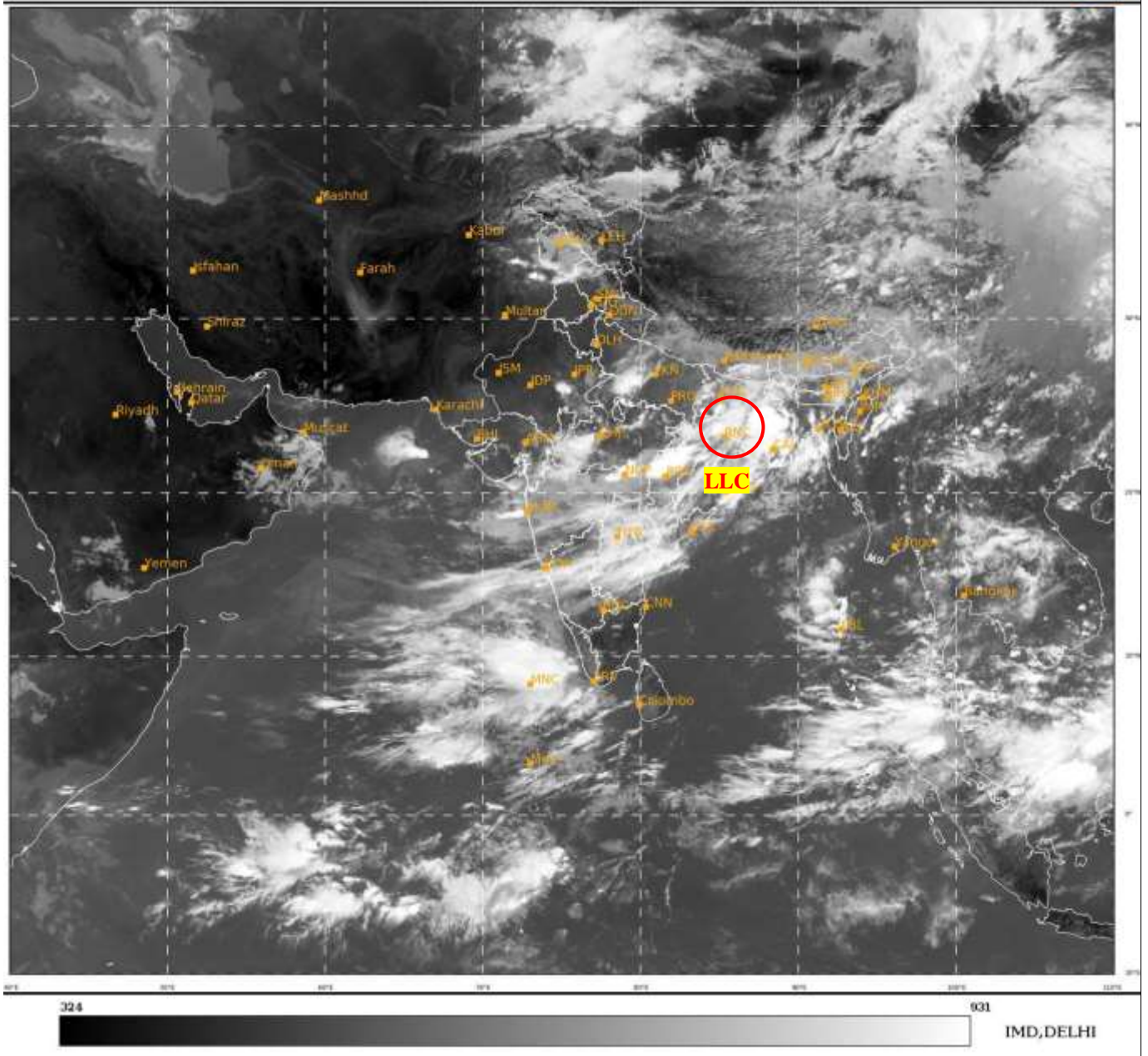




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
22.09.2023 TIME 0600 UTC

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

22-09-2023/(0600 to 0626) GMT
22-09-2023/(1130 to 1156) IST



TCIN50 DEMS 220600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 220600 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 JHARKHAND & N/HOOD :-

LOW LEVEL CIRCULATION (LLC) OVER JHRKND & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER JHRKND ADJ N CHTGH GWB N ORS (MINIMUM CTT MINUS 80 DEG CEL) (.)

CONVECTION OVER NORTH ARSEA & N/HOOD:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD ISOL INT TO V INT CONVTN OVER NORTH ARSEA & N/HOOD PERSISTS WITH MOVING SLIGHTLY IN WESTWARD DIRECTION (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER NW UP W MP N MADHYA MAHA TLNGN COTL AP N ORS N CHTGH JHRKND S BHR GWB (.)



INSAT-3DR 22-SEP-2023 06:15 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

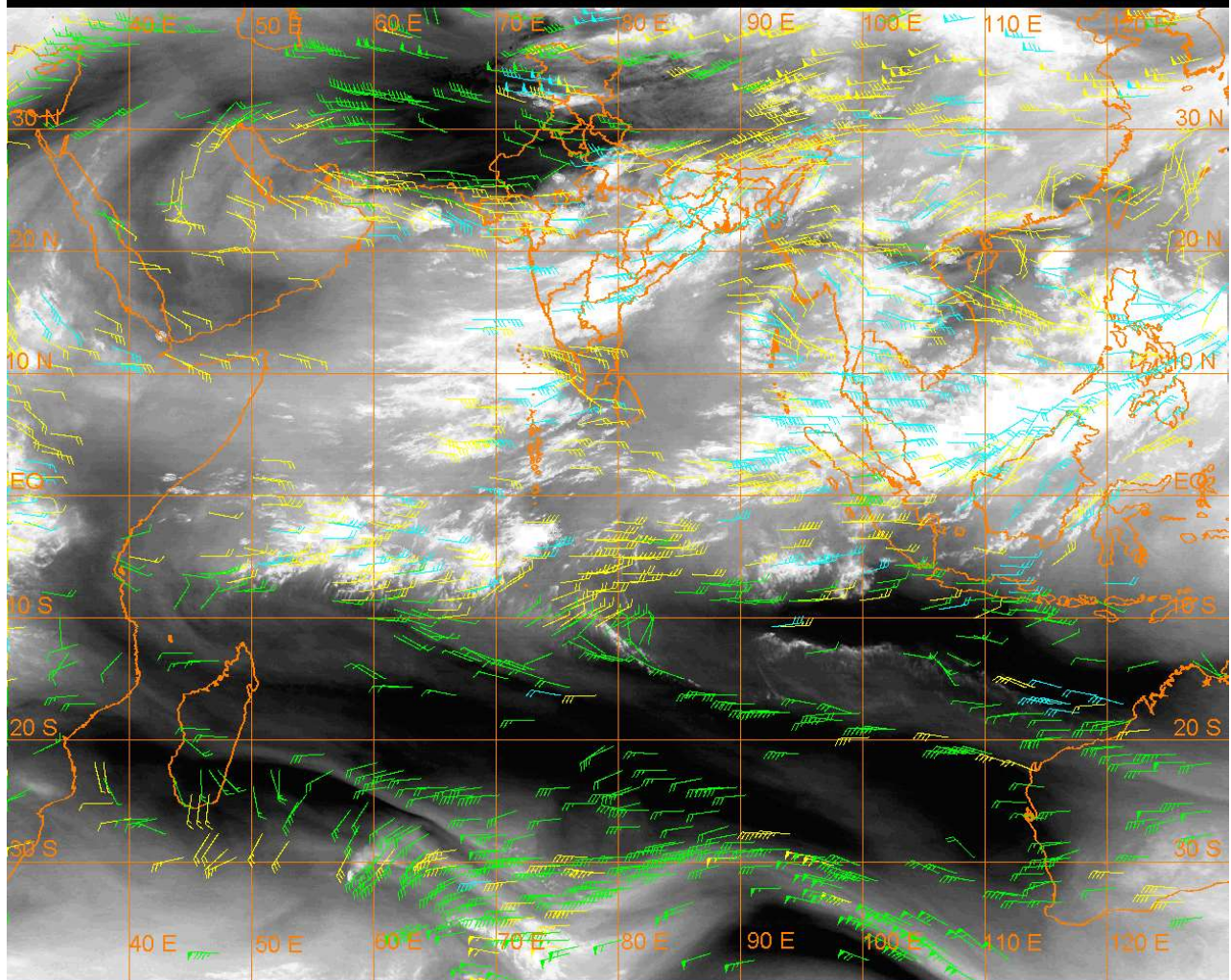
10 Kt

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 CONVNT OVER S J&K WC UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER LADAKH N J&K N HP E UP (.) SCT LOW/MED CLOUDS OVER S HP UTRKND PJB HARY (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER N CHTGH N JHRKND N GWB (MINIMUM **CTT MINUS 73 DEG CEL**) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER S CHTGH ORS S JHRKND BHR S GWB SHWB & BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER SKM REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER E GUJ MP NE RAJ MAHA GOA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVNTN OVER SE RAJ W GUJ (.) SCT LOW/MED CLOUDS OVER W RAJ (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER TLNGN RYLSMA COTL AP NIK EXT PARTS OF TN LKSDP ILS AND ISOL WK TO MOD CONVNTN OVER COTL KRNTK NORTH SIK ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER KER REST TN (.)

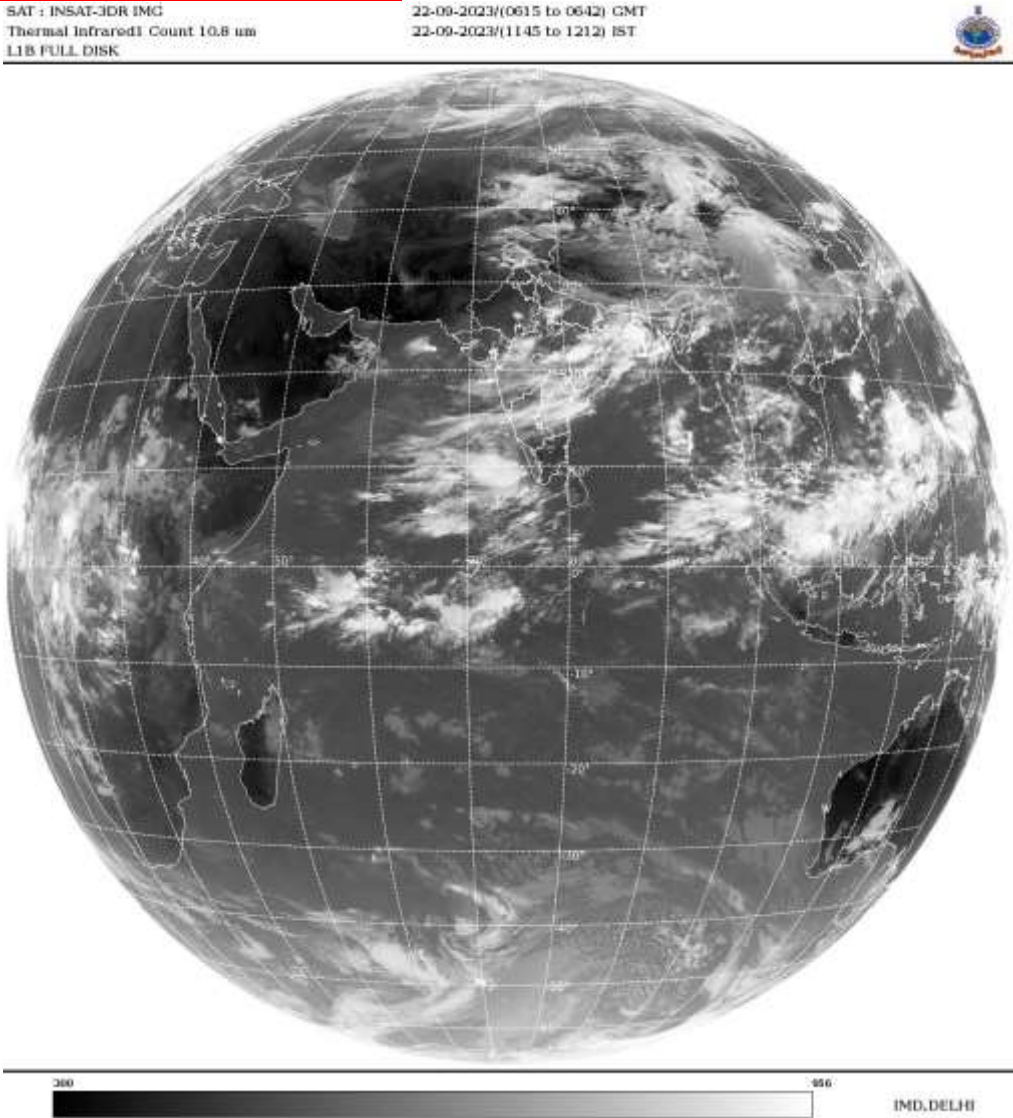
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER NC & EAST ARSEA LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER N BAY ANDAMAN SEA EC ADJ SE BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES TIBET CHINA NW MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS SUMATRA STR OF MALACCA MALAYSIA NORTH BORNEO SOUTH CHINA SEA CELEBES SEA PHILIPPINES YELLOW SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 7.0S LONG 51.0E TO 75.0E AND BET EQT TO LAT 5.0N EAST OF LONG 75.0E (.)

TOO 22/1245 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
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