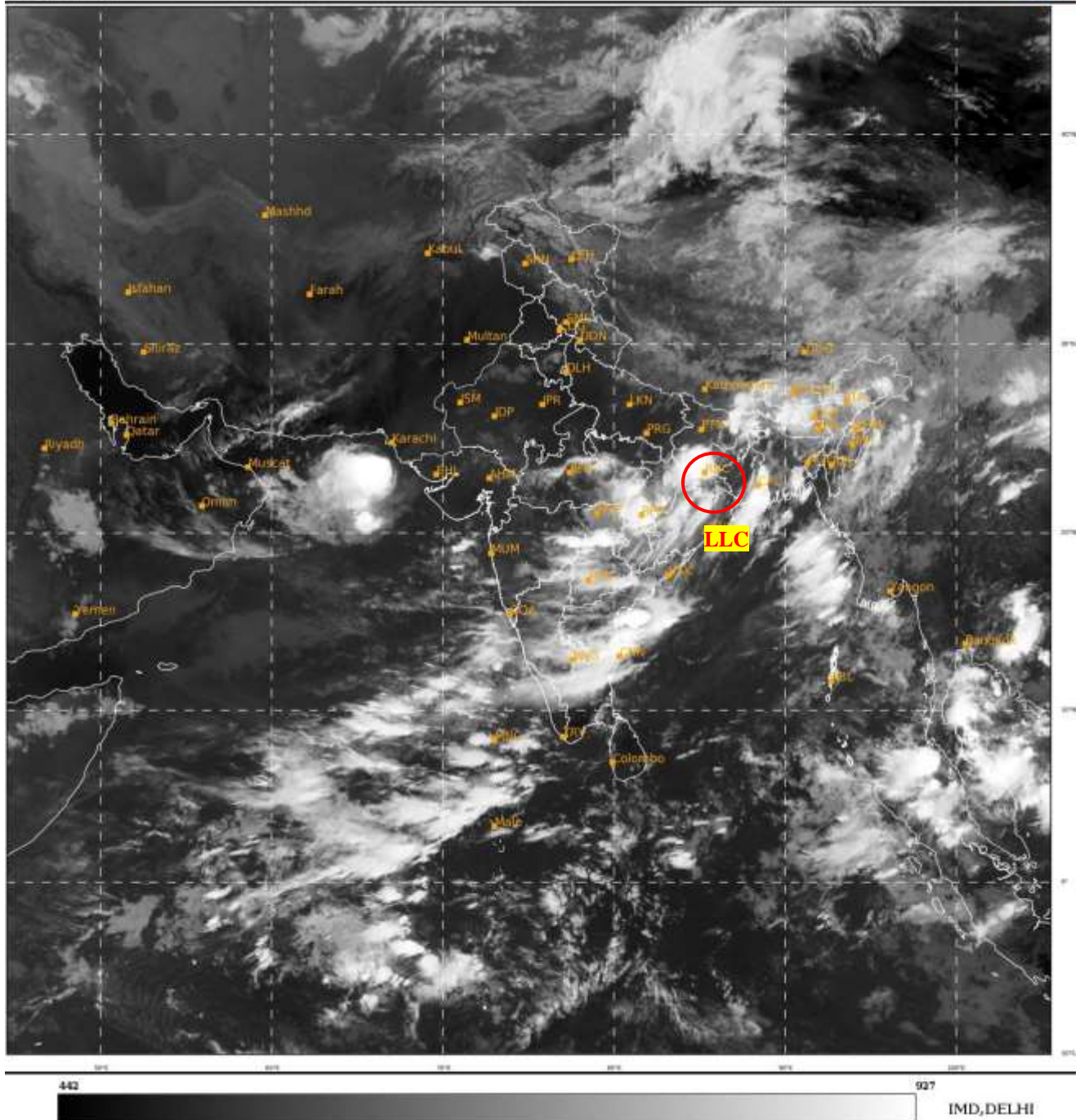




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.09.2023 TIME 0300 UTC

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

21-09-2023/(0300 to 0326) GMT
21-09-2023/(0830 to 0856) IST



TCIN50 DEMS 210300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210300 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 SOUTH-EAST JHARKHAND & N/HOOD :-

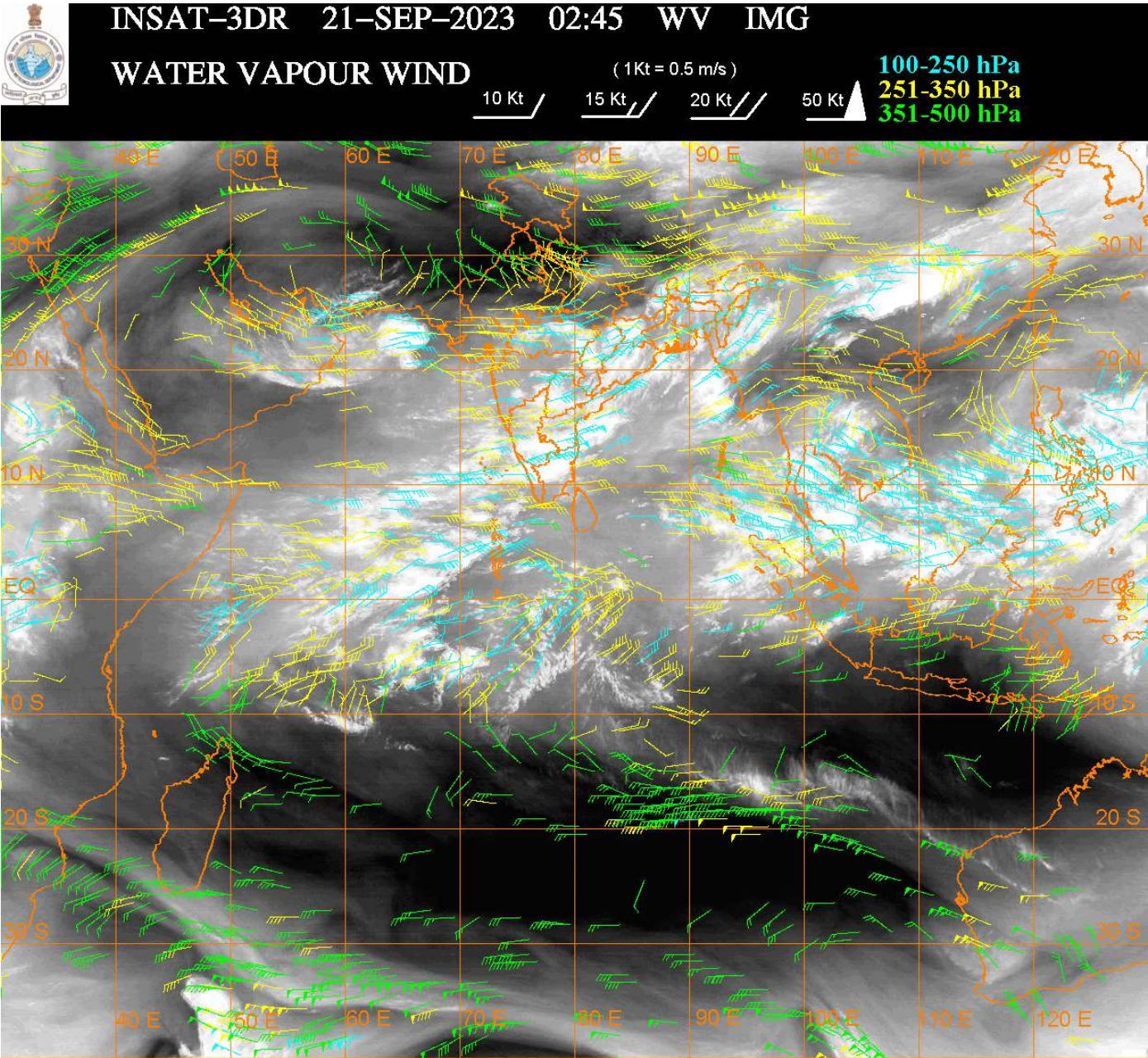
LOW LEVEL CIRCULATION (**LLC**) OVER SE JHRKND & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER JHRKND GWB N ORS (MINIMUM **CTT MINUS 88 DEG CEL**) (.)

CONVECTION OVER NE ARSEA & N/HOOD:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA & N/HOOD PERSISTS WITH MOVING SLIGHTLY IN WESTWARD DIRECTION (MINIMUM **CTT MINUS 85 DEG CEL**) (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

**INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER JHRKND CHTGH ORS
GWB & SOUTH VID EXTREME N COTL TN (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH EXTREME
NC UP (.) SCT LOW/MED CLOUDS OVER J&K HP UTRKND S PJB HARY REST UP (.)**

EAST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER JHRKND CHTGH
E GWB (MINIMUM **CTT MINUS 85 DEG CEL**) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD
MOD TO INT CONVTN OVER SW & E BHR ORS SHWB SKM ARUPR ASSAM MEGHA NAGA BD
AND ISOL WK TO MOD CONVTN OVER NW BHR W GWB REST NE STATES (.)**

WEST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S VID (MINIMUM
CTT MINUS 90 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN
OVER MP N VID MRTHWDA AND ISOL WK TO MOD CONVTN OVER KKN GOA (.) SCT
LOW/MED CLOUDS OVER RAJ GUJ REST MAHA (.)**

SOUTH:-

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXTREME N COTL TN
(MINIMUM **CTT MINUS 85 DEG CEL**) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD
TO INT CONVTN OVER TLNGN RYLSMA COTL AP KRNTK N KER N TN LKSDP ILS AND ISOL
WK TO MOD CONVTN OVER ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S
KER S TN (.)**

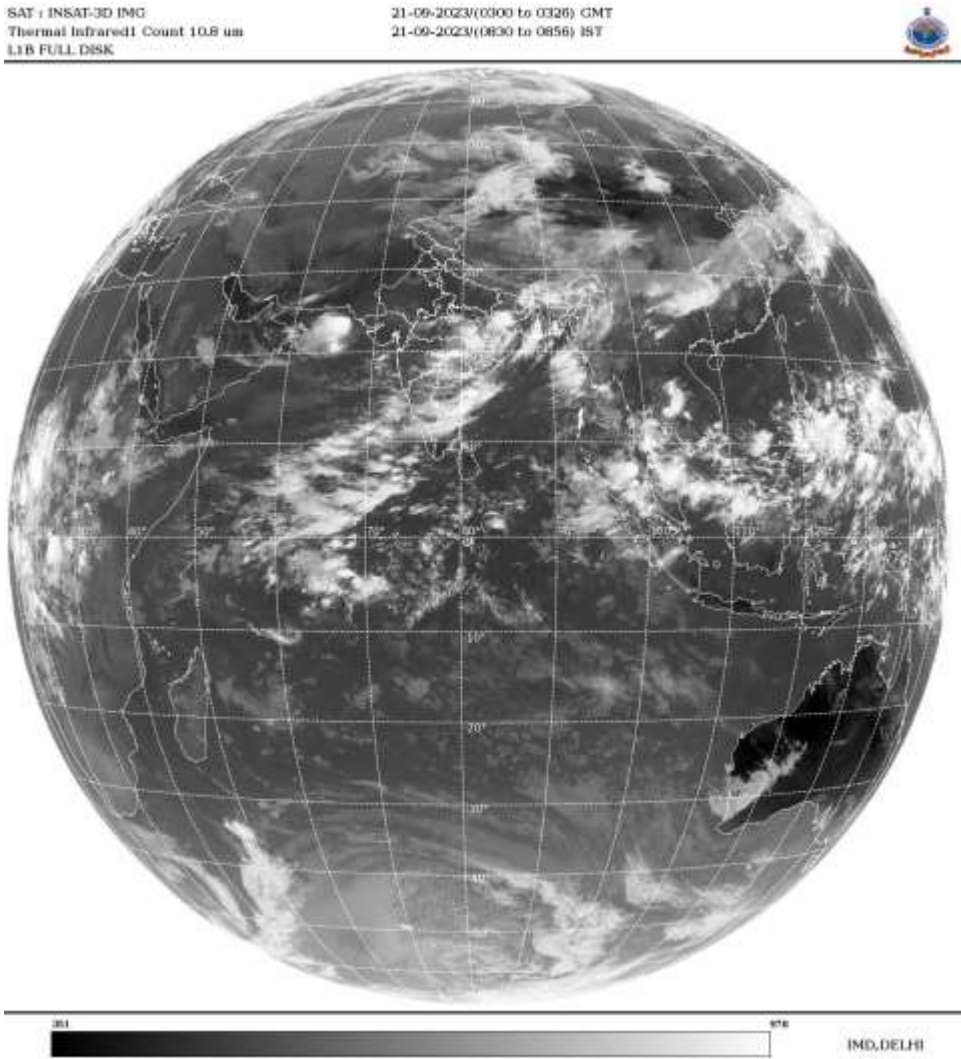
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW ARSEA EC ARSEA & SOUTH ARSEA LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH & CENTRAL BAY S ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH BAY & N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES E NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS S VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES SEA PHILIPPINES YELLOW SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 100.0E (.)

TOO 21/0930 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