



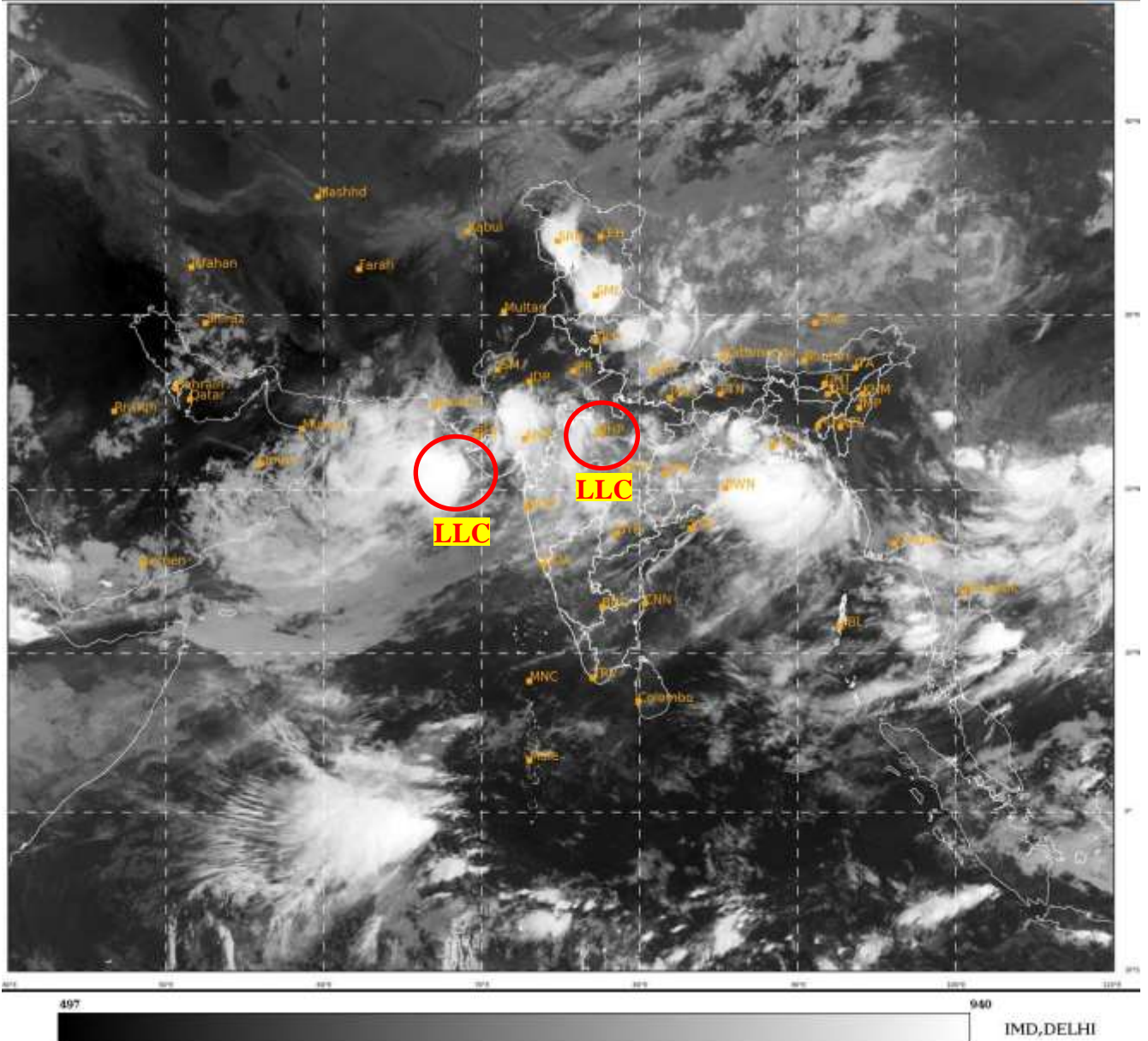
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
10.08.2022 TIME 2100 UTC

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

10-08-2022/(2115 to 2142) GMT
11-08-2022/(0245 to 0312) IST



TCIN50 DEMS 102100

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 102115 UTC (.)

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

SALIENT FEATURES:-

LOW LEVEL CIRCULATION (LLC) OVER CENTRAL PARTS OF MADHYA PRADESH:-

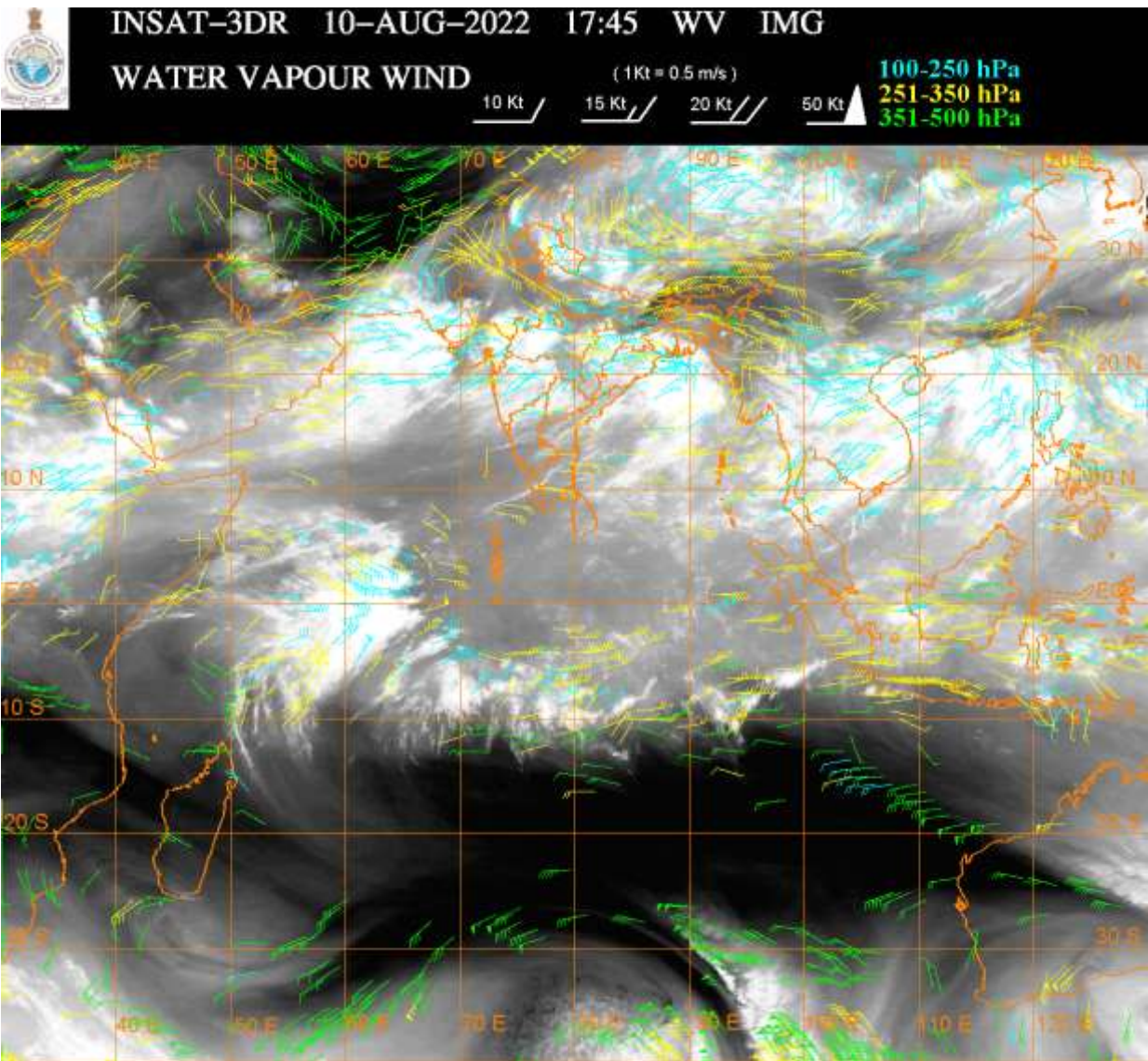
LOW LEVEL CIRCULATION (LLC) OVER CENTRAL PARTS OF MP (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP & N/HOOD (.) MINIMUM CTT MINUS 80 DEG C (.)

LOW LEVEL CIRCULATION (LLC) OVER NE ARSEA OFF SAURASHTRA COAST & N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER NE ARSEA OFF SAURASHTRA COAST & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ADJ EC ARSEA & N/HOOD (.) MINIMUM CTT MINUS 93 DEG C (.)

INTENSE CONVECTIVE CLOUDS :-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER J&K HP UTRKND E PJB NE HARY UP NW BHR JHRKND CHTGH ORS GWB S RAJ GUJ MP MAHA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNT OVER J&K HP UTRKND (MINIMUM CTT MINUS **93** DEG C) E PJB NE HARY NW UP (MINIMUM CTT MINUS **85** DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER LADAKH REST UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER W PJB NW HARY (.) SCT LOW/MED CLOUDS OVER REST HARY DLH (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER N CHTGH (MINIMUM CTT MINUS **75** DEG C) JHRKND E ORS GWB (MINIMUM CTT MINUS **93** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER NW BHR S CHTGH W ORS & SW BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER REST BHR SHWB SKM ARUPR C ASSAM N MANI (.) SCT LOW/MED CLOUDS OVER REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER S RAJ GUJ (MINIMUM CTT MINUS **93** DEG C) MP NORTH MADHYA MAHA MRTHWD (MINIMUM CTT MINUS **80** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER VID SOUTH MADHYA MAHA KKN AND WK TO MOD CONVNTN OVER N RAJ GOA (.)

SOUTH:-

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

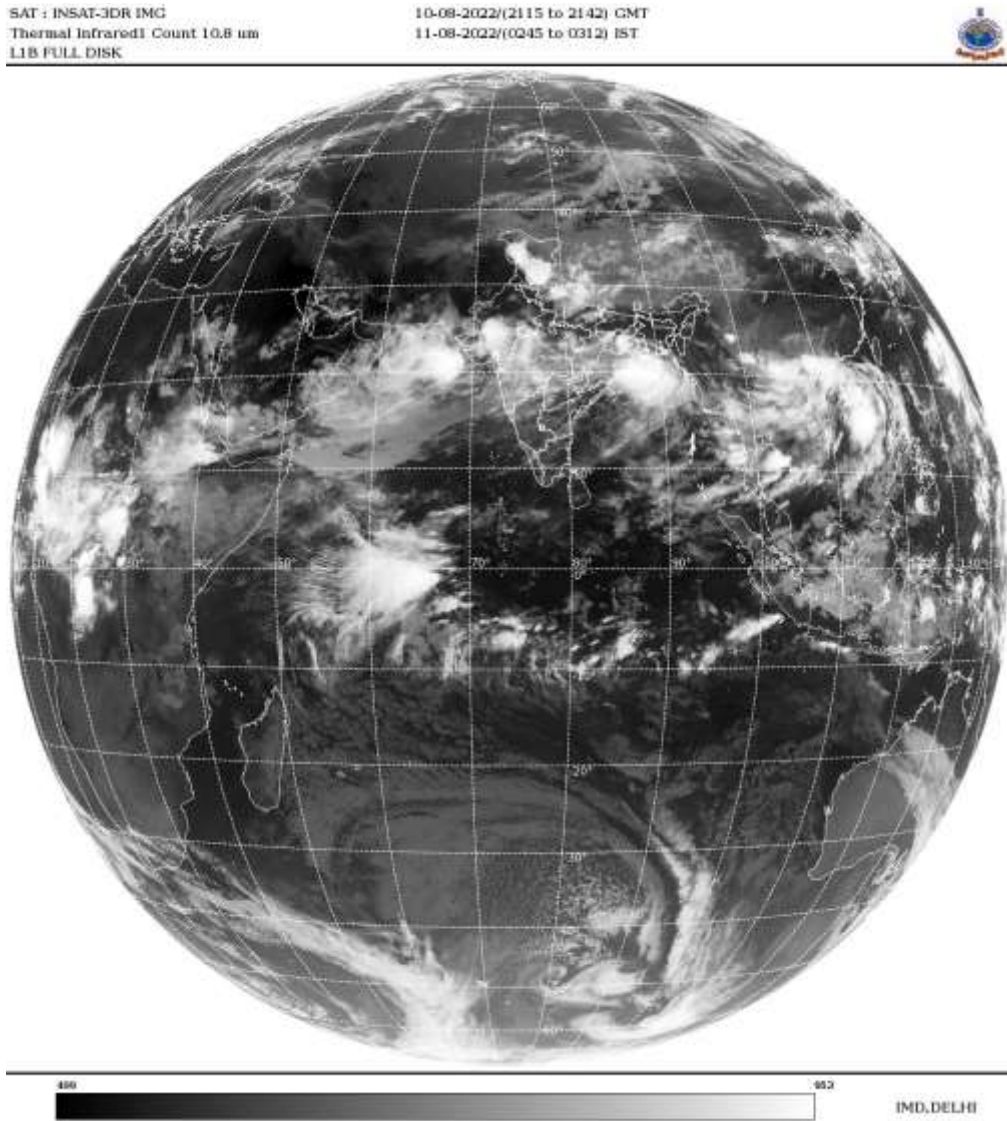
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER NE ADJ EC ARSEA AND GULF OF CAMBAY (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER REST ARSEA AND GULF OF KUTCH (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH ADJ CENTRAL BAY N ANDAMAN SEA AND TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK NEPAL TIBET CHINA YELLOW SEA E CHINA SEA 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 5.0N TO 12.0S LONG 50.0E TO 102.5E (.)

TOO 11/0350 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 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