



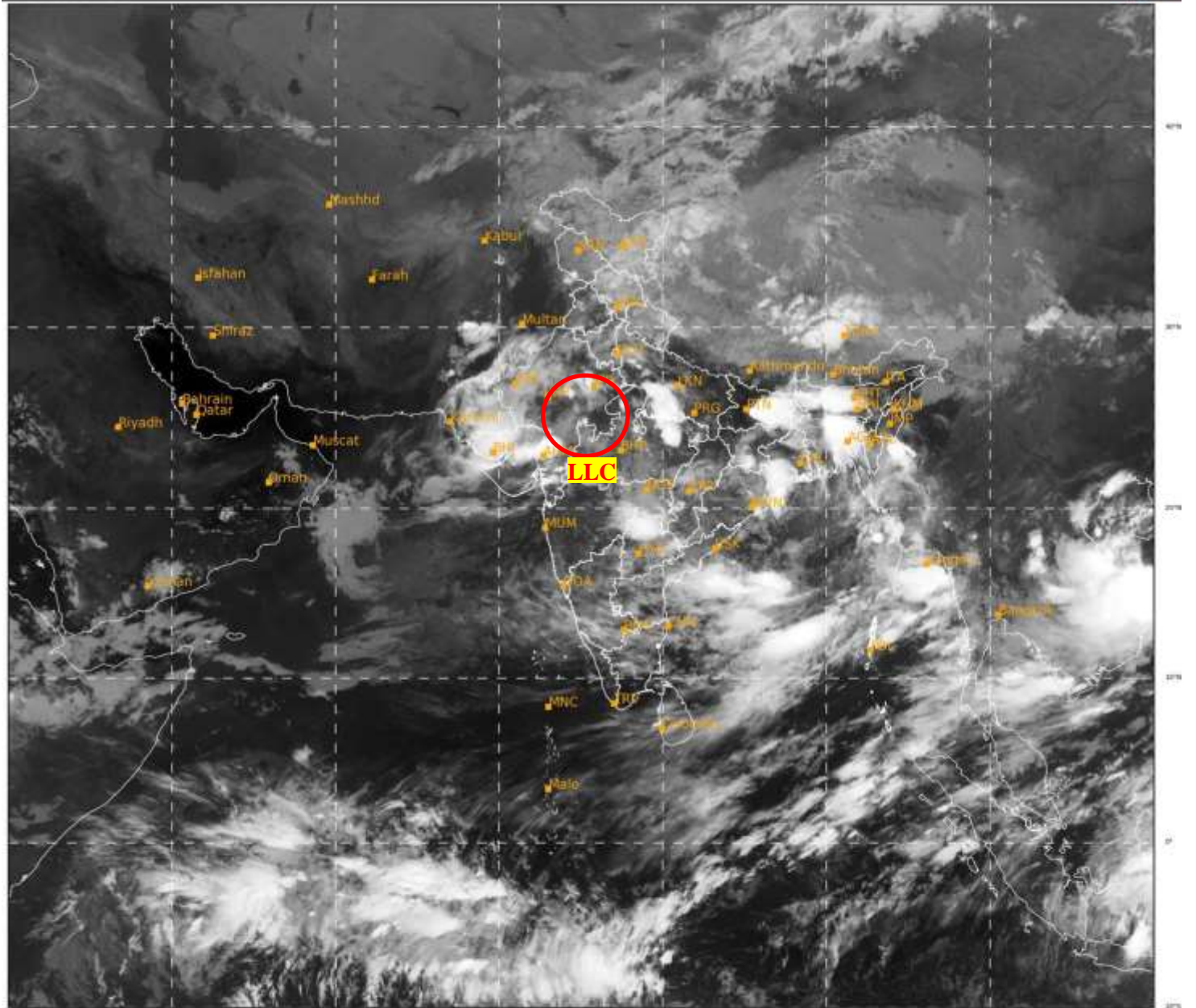
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
10.09.2021 TIME 2100 UTC

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

10-09-2021/(2130 to 2156) GMT
11-09-2021/(0300 to 0326) IST



TCIN50 DEMS 102100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 102100 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 EAST RAJASTHAN & N/HOOD:-

LLC OVER E RAJ & N/HOOD (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT
CONVTN OVER RAJ ADJ W MP (.) MINIMUM CTT MINUS 93 DEG CEL (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW UP (MINIMUM CTT MINUS **82** DEG CEL) AND MOD TO INT CONVTN OVER LADAKH J&K HP UTRKND PJB HARY NW UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST UTRKND REST UP HARY DLH (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC BHR NE ORS GWB W MEGHA W ASSAM TRP S MIZO ADJ SW BD (MINIMUM CTT MINUS **93** DEG CEL) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SC CHTGH NW ORS SE JHRKND ARUPR REST ASSAM MEGHA AND ISOL WK TO MOD CONVTN OVER SHWB SW BHR SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST JHRKND REST NHR (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE RAJ N GUJ (MINIMUM CTT MINUS **83** DEG CEL) NE MP (MINIMUM CTT MINUS **83** DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MRTHWD S & NW GUJ E MAHA AND ISOL WK TO MOD CONVTN OVER REST MAHA REST GUJ REST MP GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN (MINIMUM CTT MINUS **80** DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N COTL AP REST TLNGN RYLSM S COTL AP KRNTK TN ANDAMAN & NICOBAR ILS AND WK TO MOD CONVTN OVER KER (.) SCT LOW/MED CLOUDS OVER LKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NORTH ADJ C ARSEA GULF OF CAMBAY GULF OF KUTCH (.)

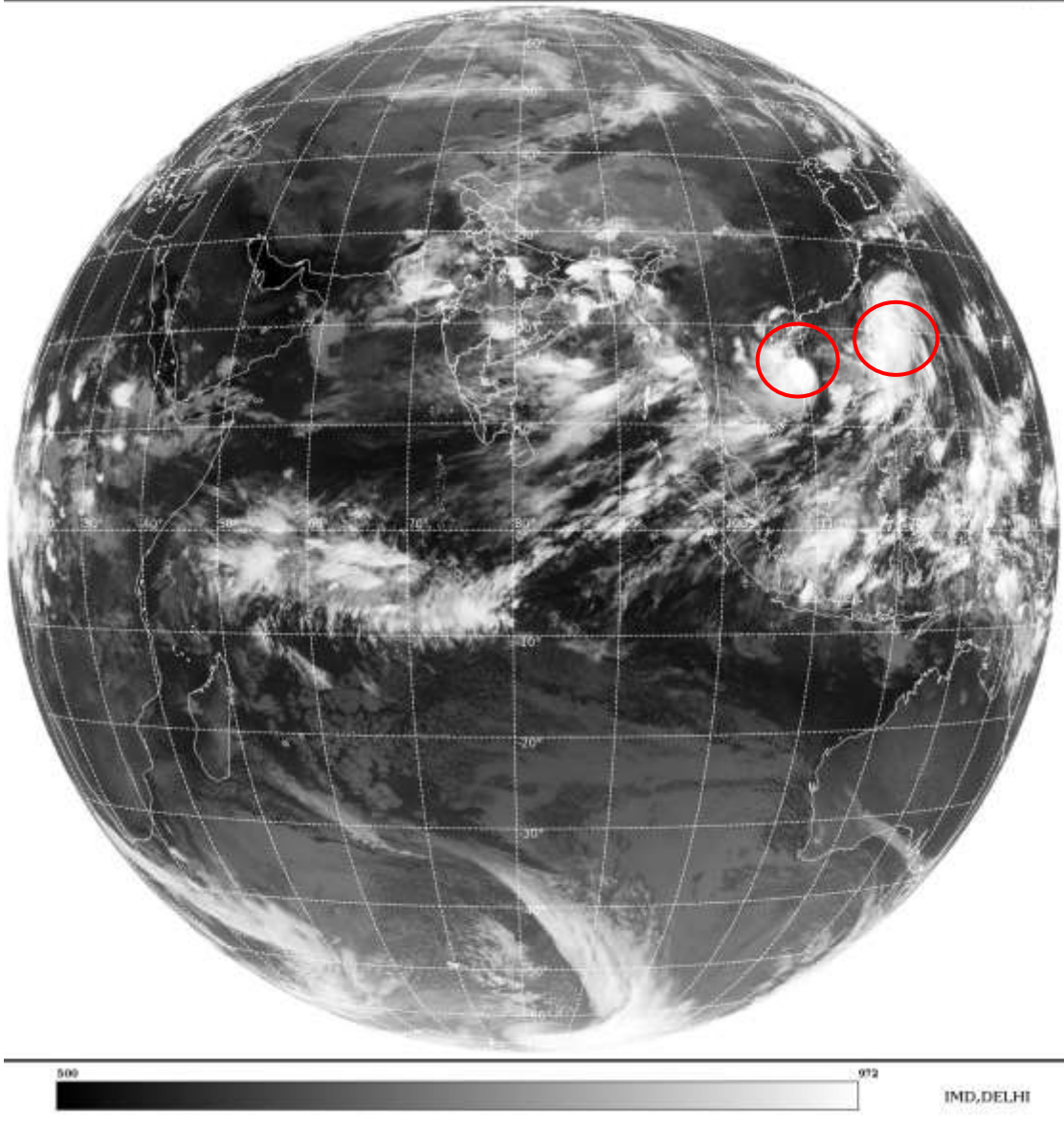
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY NORTH OF LAT 10.0N AND MOD TO INT CONVTN OVER REST SE BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

10-09-2021/(2130 to 2156) GMT
11-09-2021/(0300 to 0326) IST



VORTEX (CONSON) OVER SOUTH CHINA SEA & N/HOOD:-

VORTEX (CONSON) OVER SOUTH CHINA SEA & N/HOOD WITH CENTERED NEAR 16.2N / 110.8E
(.) INTENSITY **T 3.0 / 3.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN
OVER AREA BET LAT 14.0N TO 17.0N LONG 109.0E TO 112.0E (.)

ANOTHER VORTEX (CHANTHU) OVER PHILIPPINES SEA & N/HOOD:-

VORTEX (CHANTHU) OVER PHILIPPINES SEA & N/HOOD WITH CENTERED NEAR 19.8N / 122.0E
(.) INTENSITY **T 7.0 / 7.5** (.) EYE VISIBLE (.) ASSTD BKN TO SLD INT TO V INT CONVTN OVER
AREA BET LAT 16.0N TO 20.0N LONG 121.0E TO 125.0E & PHILIPPINES (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK NEPAL BHUTAN
TIBET CHINA E CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS
VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAY PENINSULA
BORNEO S CHINA SEA JAVA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER THE
INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 45.0E TO 100.0E (.)

TOO 11/0445EF=

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
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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