



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

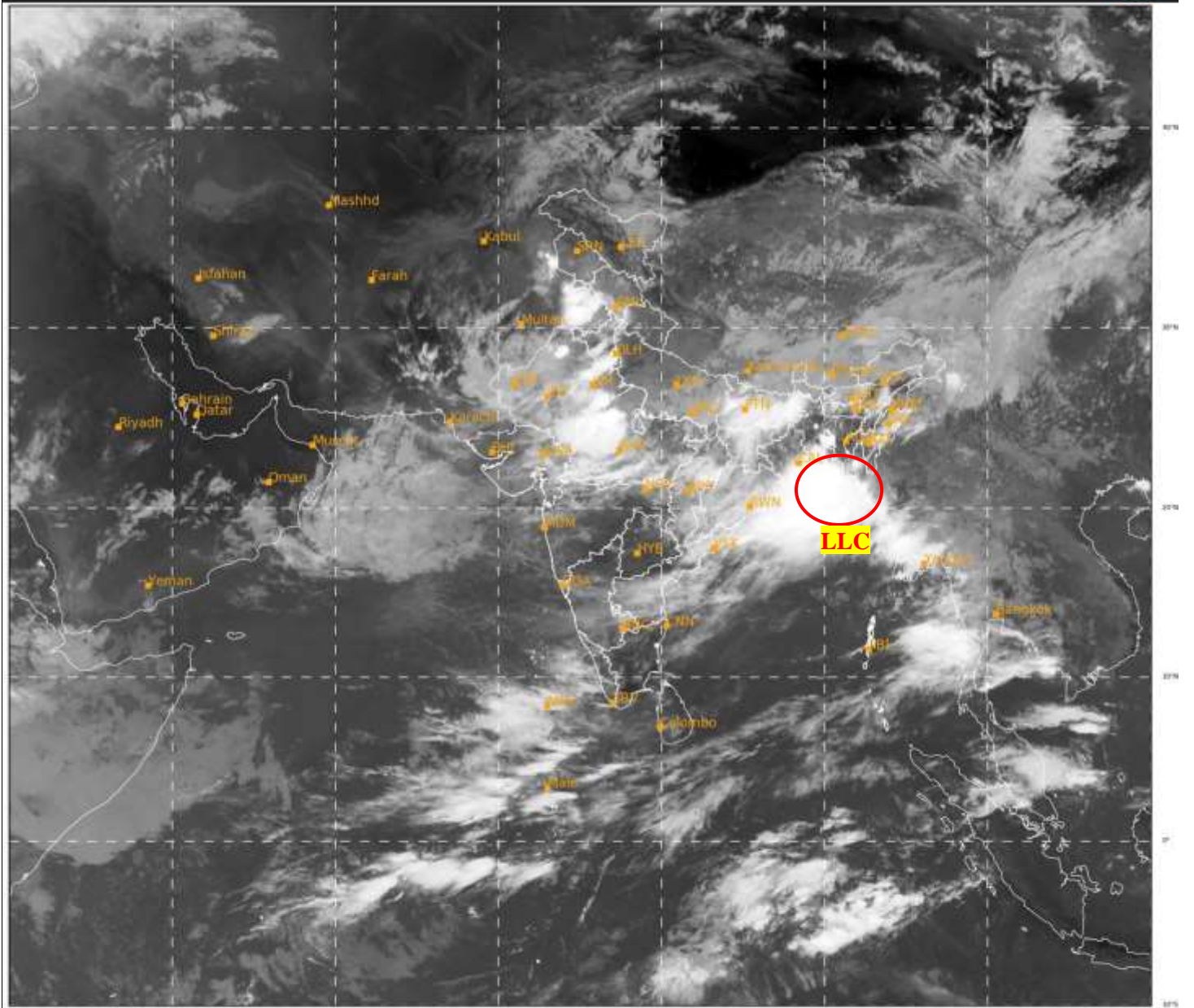


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

27.07.2021 TIME 0300 UTC

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

27-07-2021/(0300 to 0327) GMT
27-07-2021/(0830 to 0857) IST



353

933

IMD, DELHI

TCIN50 DEMS 270300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 270300 UTC (.)

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

SATLIENT FEATURES:-

LLC OVER NORTH BAY ADJ COTL BANGLADESH AND N/HOOD:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N BAY ADJ COTL BD & N/HOOD IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.) MINIMUM CTT MINUS 93 DEG C (.)



INSAT-3D 27-JUL-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

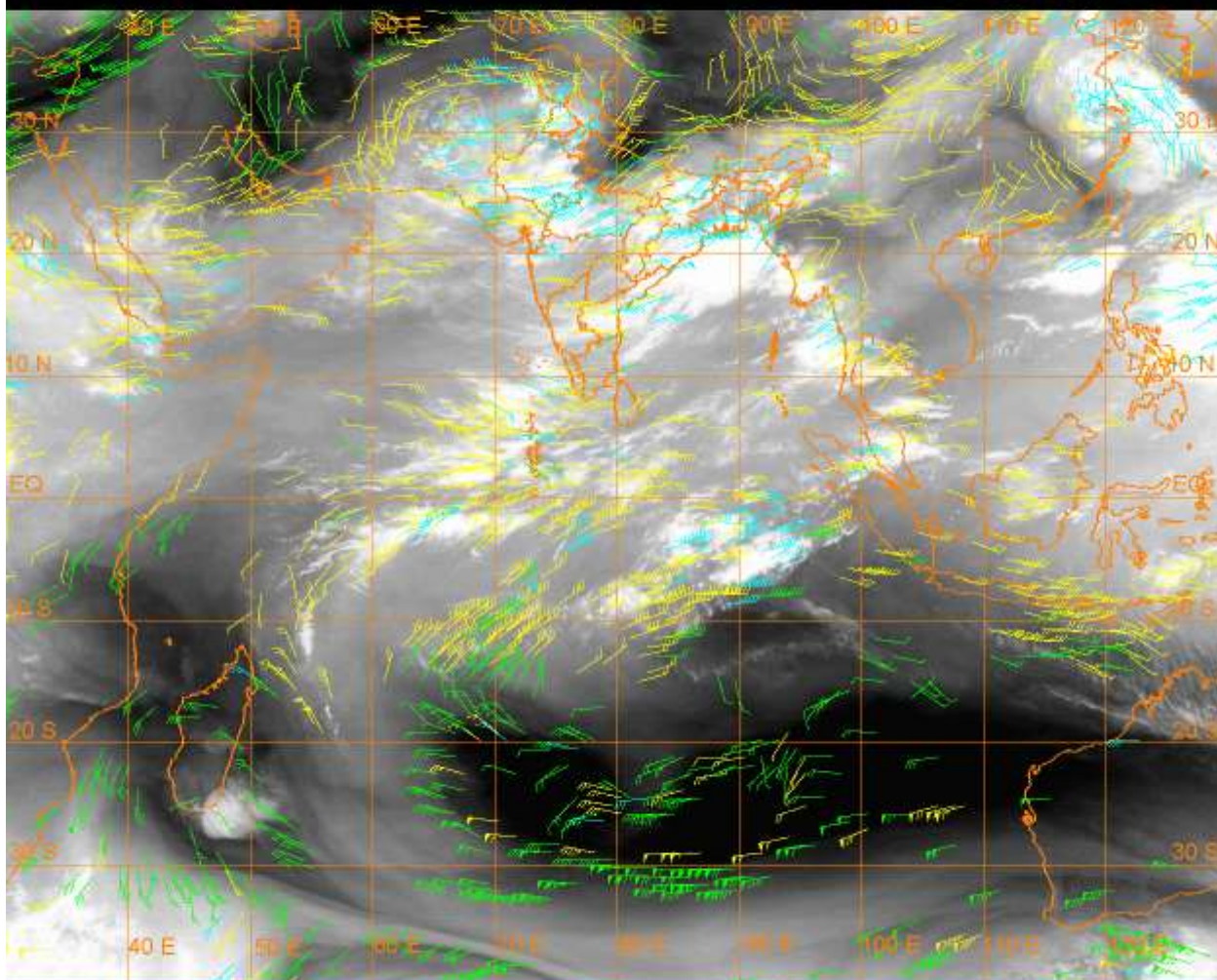
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR SHWB COTL GWB BD (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C ASSAM MANI N MIZO CHTGH ORS JHRKND REST GWB SKM REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N& E RAJ NW MP (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W RAJ E GUJ REST MP VID AND ISOL WK TO MOD CONVTN OVER REST GUJ REST MAHA (.) SCT LOW/MED CLOUDS OVER GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER RYLSM COTL AP ANDAMAN & NICOBAR ILS AND ISOL WK TO MOD CONVTN OVER TLNGN KRNTK KER TN & LKSDP ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA AND WK TO MOD CONVTN OVER NORTH ADJ CENTRAL ARSEA (.)

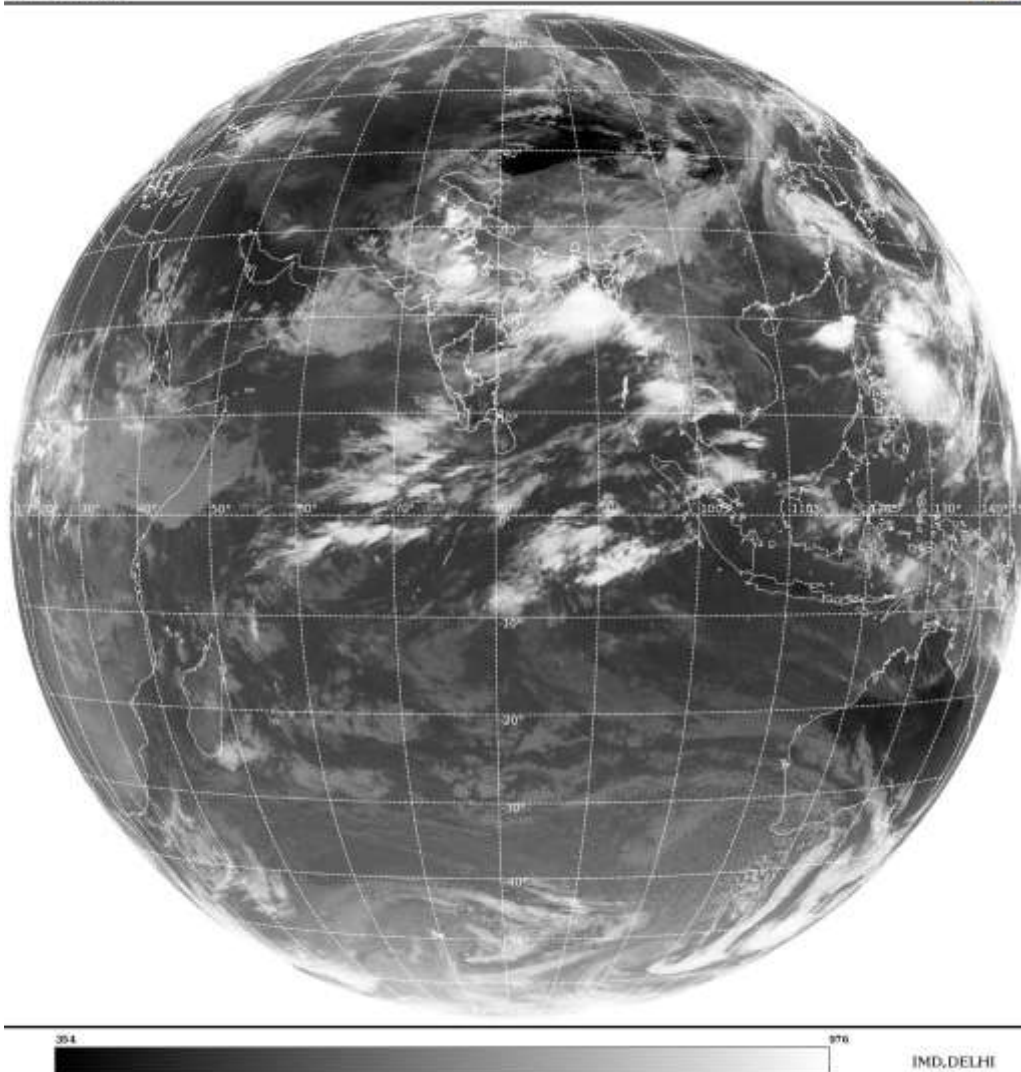
BAY OF BENGAL & ANDAMAN SEA:-

**BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N BAY ARAKAN COAST
 (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C BAY ANDAMAN SEA
 GULF OF MARTABAN AND ISOL WK TO MOD CONVTN OVER S BAY (.)**

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

27-07-2021/(0300 to 0327) GMT
 27-07-2021/(0830 to 0857) IST



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK E NEPAL
 BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND N SUMATRA STR OF
 MALACCA MALAY PENINSULA BORNEO S CHINA SEA PHILIPPINES E CHINA SEA AND OVER
 INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 57.0E TO 100.0E (.)**

TOO 27/0950EF=

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

	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)

CLOUD DISTRIBUTION	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