



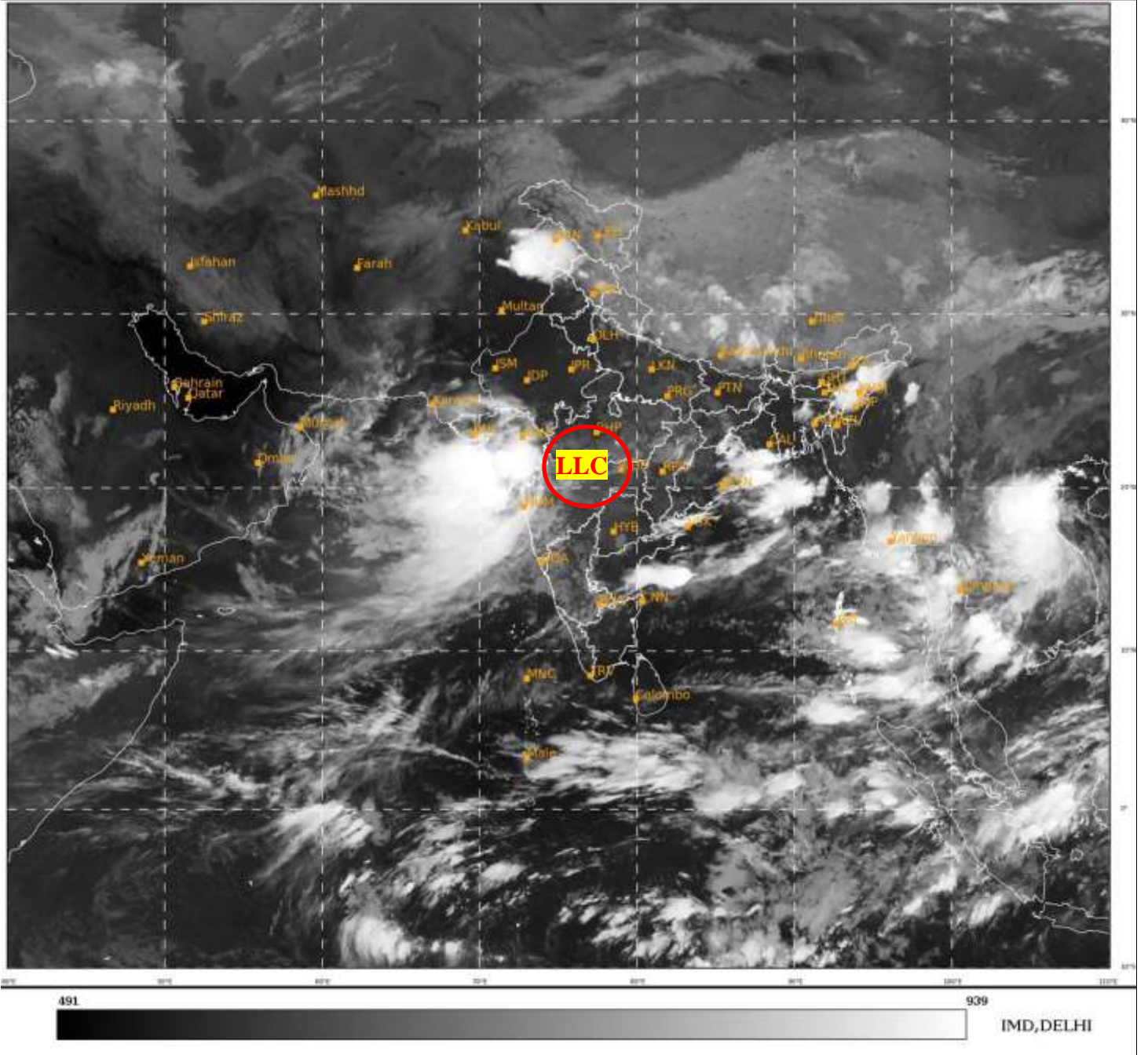
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
08.09.2021 TIME 0000 UTC

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

08-09-2021/(0000 to 0026) GMT
08-09-2021/(0530 to 0556) IST



TCIN50 DEMS 080000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 080000 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 SOUTH MADHYA PRADESH ADJ WEST VIDHARBHA & N/HOOD:-

LLC OVER S MP ADJ W VID & N/HOOD (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S GUJ (MINIMUM CTT MINUS 93 DEG C) AND SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N GUJ NORTH MADHYA MAHA N KKN SC MP (.)



INSAT-3D 08-SEP-2021 00:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

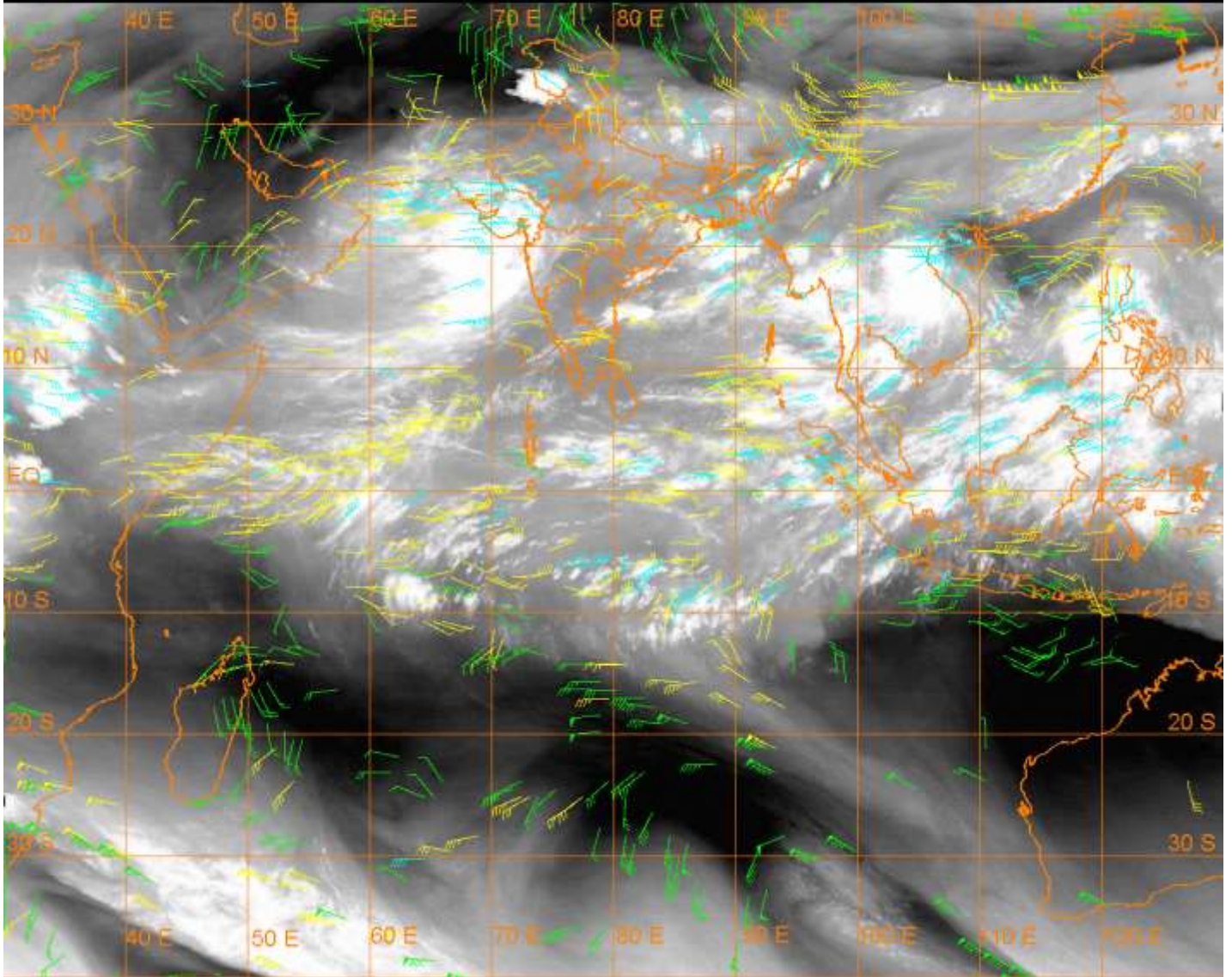
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER J&K ADJ NE PAK
(.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER HP S UTRKND N PJB
AND WK TO MOD CONVTN OVER LADAKH N UTRKND EXT NE HARY N UP (.) SCT LOW/MED
CLOUDS OVER S PJB REST N HARY S UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE JHRKND S GWB E
ASSAM NAGA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N CHTGH
NE ORS WC GWB SKM S ASSAM MANI & EC BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK
TO MOD CONVTN OVER N BHR EXT NE JHRKND ADJ GWB REST ORS SHWB REST NE STATES
(.) SCT LOW/MED CLOUDS OVER S BHR W JHRKND S CHTGH REST GWB (.)

WEST:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S GUJ (MINIMUM CTT
MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT S
RAJ SE MP N GUJ NORTH MADHYA MAHA N KKN AND WK TO MOD CONVTN OVER SW MP
REST MAHA GOA (.) SCT LOW/MED CLOUDS OVER REST RAJ N MP (.)

SOUTH:-

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

ARABIAN SEA:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF GUJ COAST GULF OF KUTCH GULF OF CAMBAY ALSO OVER EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST ARSEA AND WK TO MOD CONVTN OVER COMORIN (.)

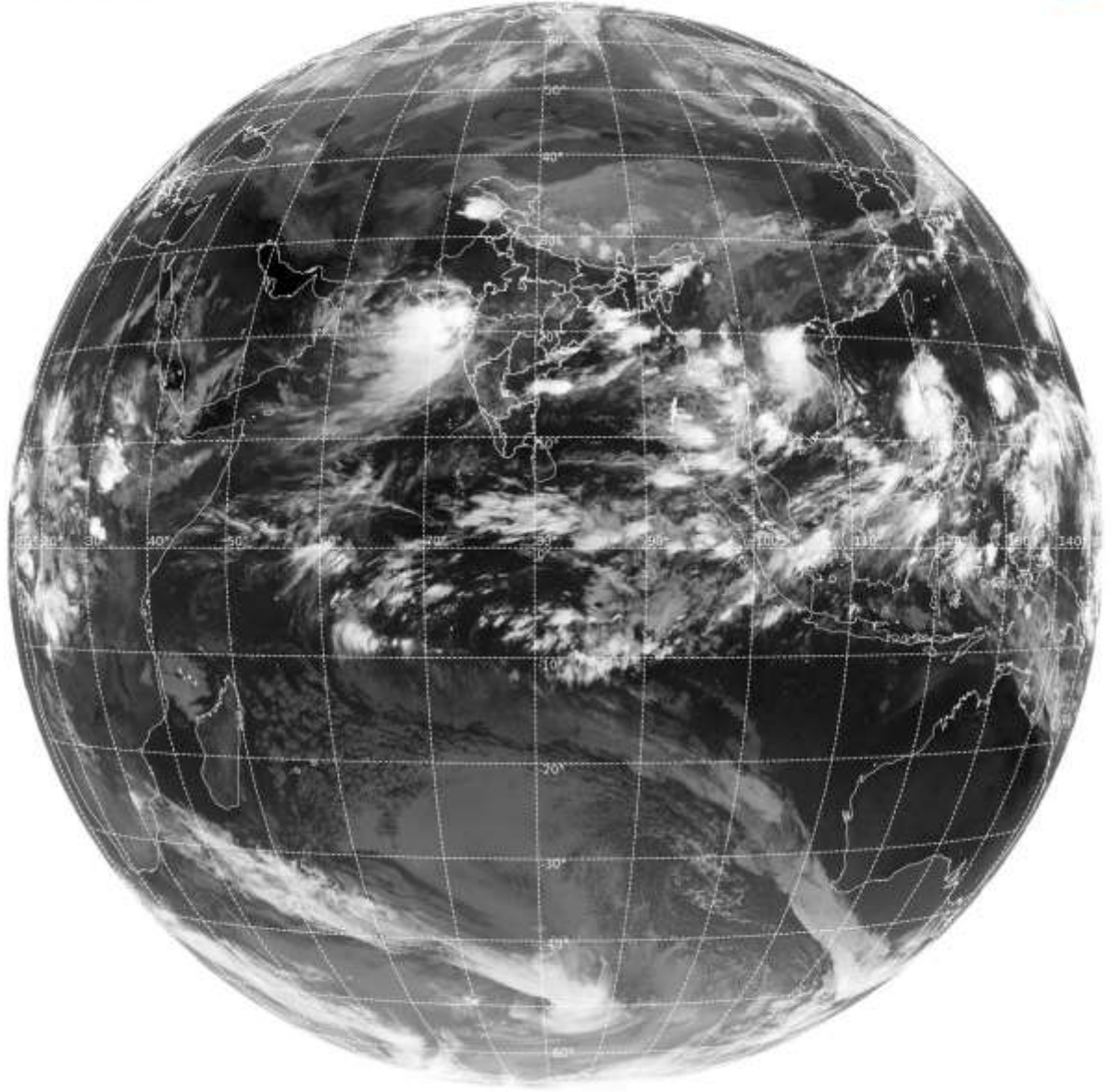
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH & CENTRAL BAY EXT SE BAY ANDAMAN SEA AND WK TO MOD CONVTN OVER REST SOUTH BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

08-09-2021/(0000 to 0026) GMT
08-09-2021/(0530 to 0556) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK NEPAL TIBET CHINA YELLOW SEA E CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 50.0E TO 103.0E (.)

TOO 08/0700EF=

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

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
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
	UTRKN	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