

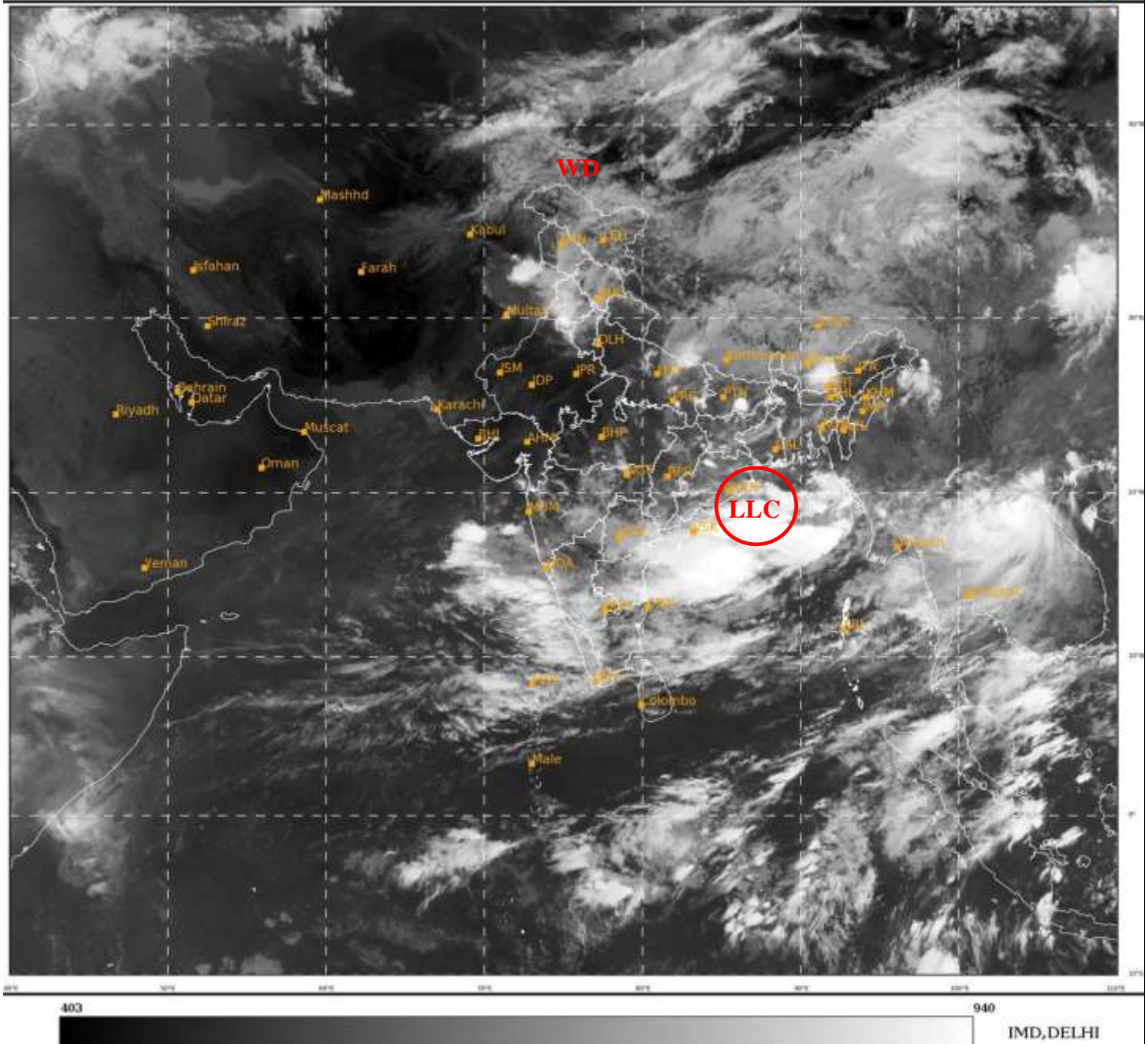


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

13.06.2021 TIME 0300 UTC

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

13-06-2021/(0300 to 0326) GMT
13-06-2021/(0830 to 0856) IST



TCIN50 DEMS 130300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 130300 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 NW BAY OFF ADJ COTL ORS COTL GWB & N/HOOD:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY OFF ADJ COTL ORS COTL GWB & N/HOOD IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH J&K ADJ N PAK HP PJB UTRKND TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)



INSAT-3D 13-JUN-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

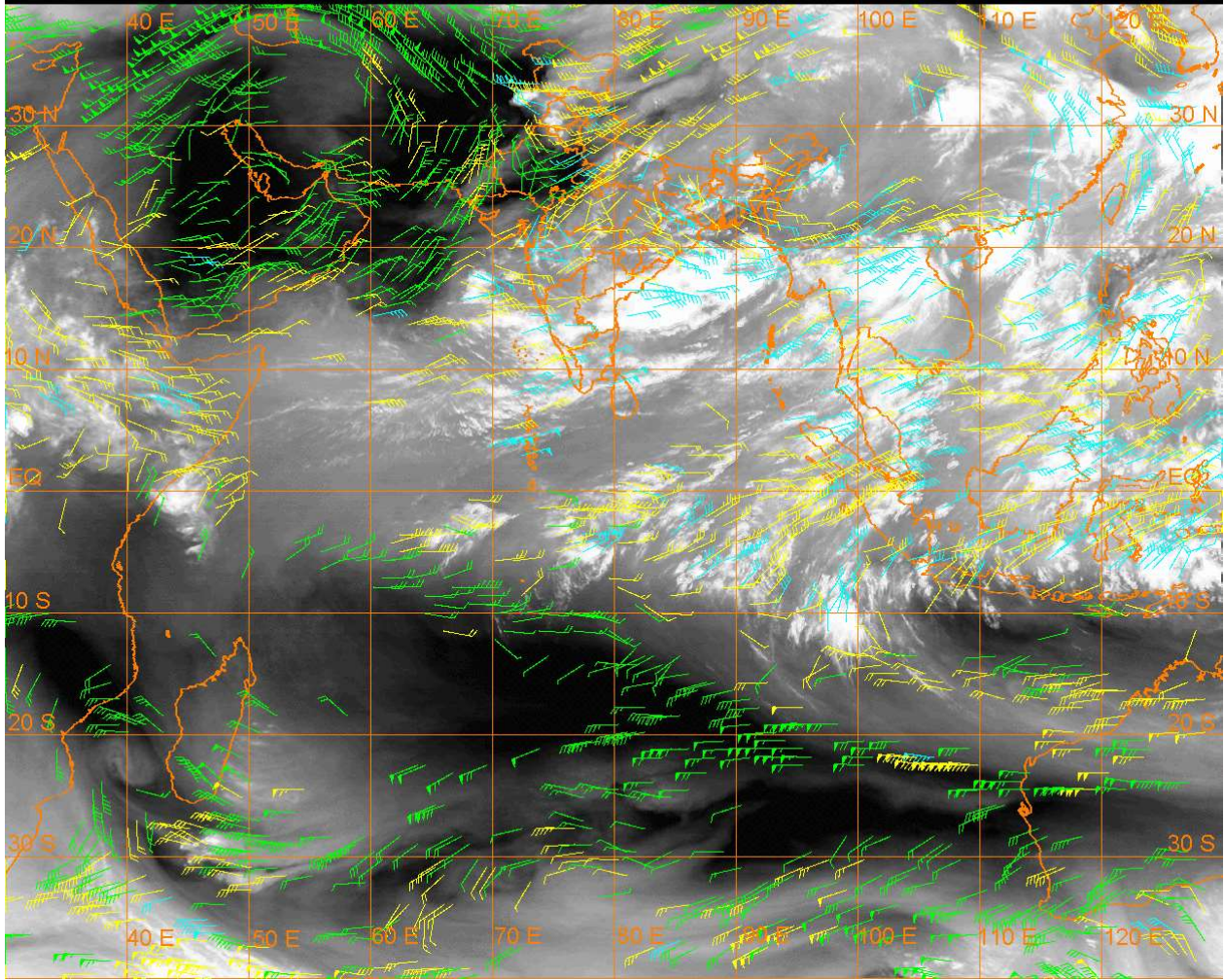
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K ADJ W LADAKH PJB NW HARY E UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST LADAKH HP UTRKND EC UP N HARY (.) SCT LOW/MED CLOUDS OVER HARY DLH (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W ASSAM ADJ BHUTAN EXT NE ORS SE BHR AND MOD TO INT CONVTN OVER COTL ORS S JHRKND S BHR SHWB & BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER CHTGH REST ORS REST JHRKND N BHR GWB SKM ARUPR REST NE ASSAM MEGHA TRP (.) SCT LOW/MED CLOUDS OVER REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SC MP VID MRTHWD M MAHA SE GUJ N RAJ (.) SCT LOW/MED CLOUDS (.) SCT LOW/MED CLOUDS OVER REST RAJ REST GUJ REST MP REST MAHA (.)

SOUTH:-

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

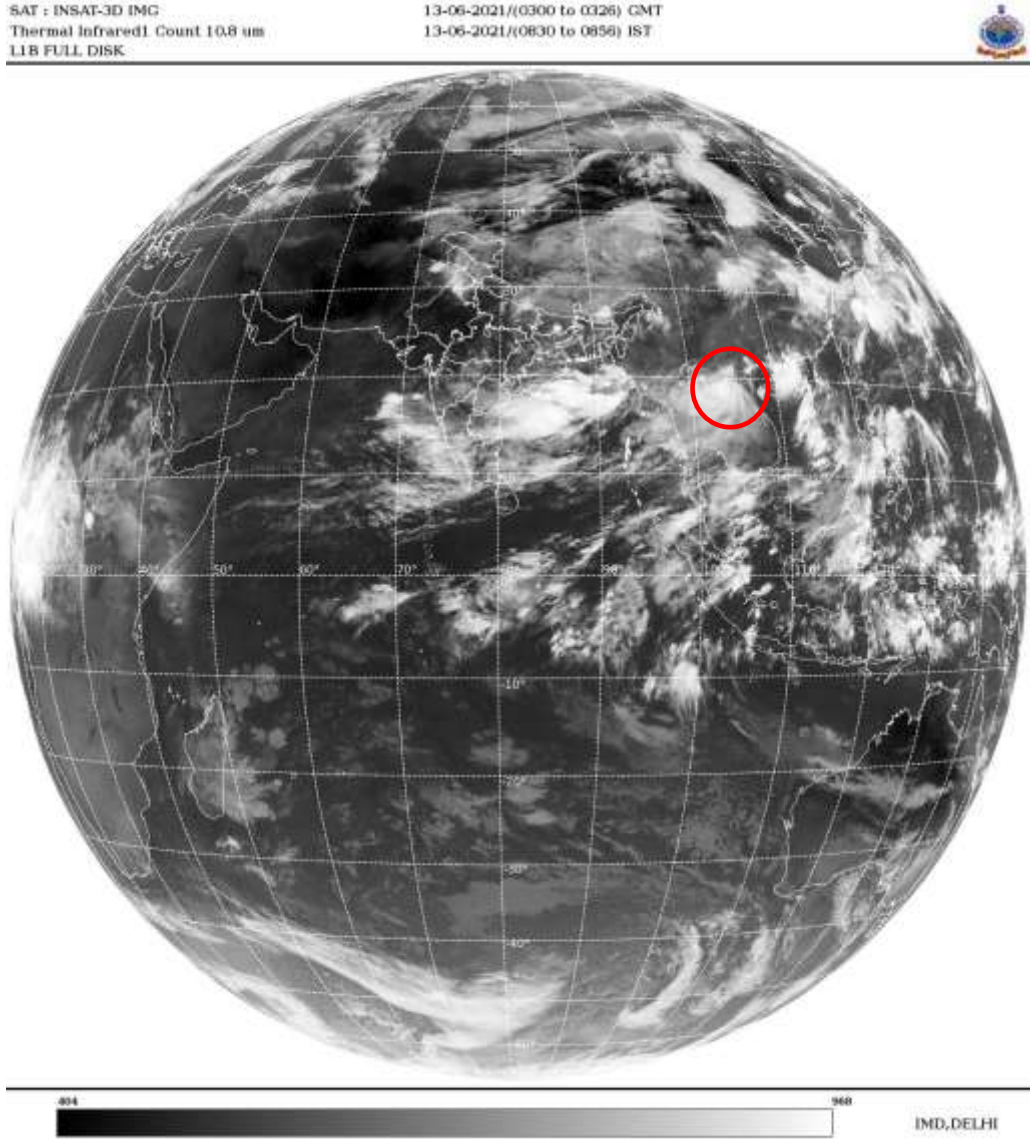
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SE ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH & C BAY AND MOD TO INT CONVTN OVER S BAY ANDAMAN SEA GULF OF MARTABAN (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (KOGUMA) OVER NORTH VIETNAM & N/HOOD:-

VORTEX (KOGUMA) OVER NORTH VIETNAM & N/HOOD CENTERED NEAR **20.5N/105.4E** (.) **OVERLAND** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER VORTEX OVER GULF OF TONKIN N VIETNAM LAOS & N/HOOD (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA TAIWAN E CHINA SEA YELLOW SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 65.0E TO 105.0E (.)

TOO 13/0930 EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS 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