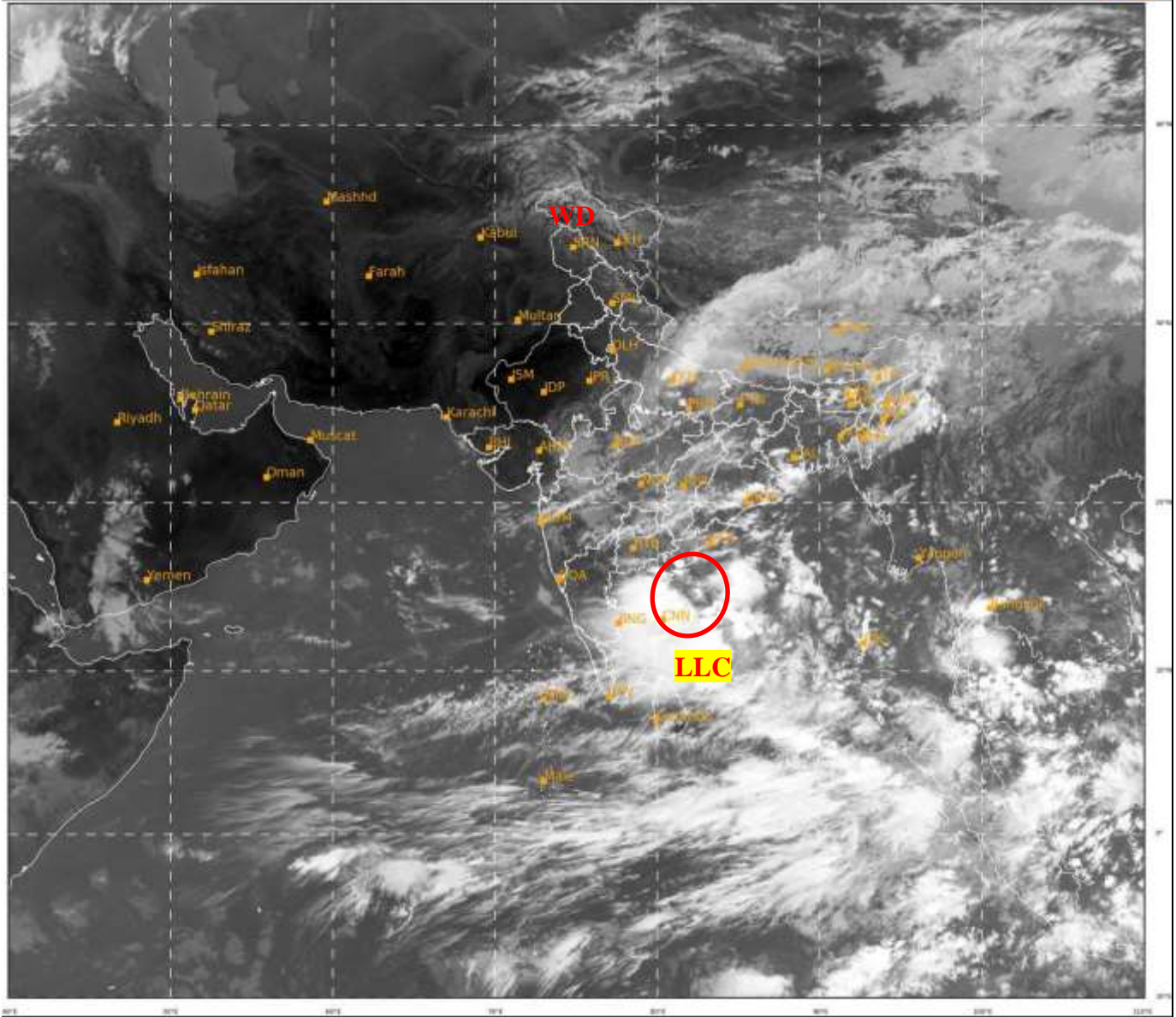




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
05.10.2022 TIME 0600 UTC

SAT : INSAT-3DR IMG
IMG TIR1 10.8 um
LIC Mercator

05-10-2022/(0615 to 0642) GMT
05-10-2022/(1145 to 1212) IST



267 957
IMD, DELHI

TCIN50 DEMS 050600

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 050615 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

LLC OVER WC BAY ADJ ANDHRA PRADESH COAST AND N/HOOD:-

LLC OVER WC BAY ADJ AP COAST AND N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER WC BAY COTL AP RYLSM NE TN (.) MINIMUM CTT MINUS 93 DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXTREME N PAK LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER E UP JHRKND CHTGH ORS S GWB NE STATES RYLSM COTL AP TN ANDAMAN & NICOBAR ILS (.)



INSAT-3DR 05-OCT-2022 05:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

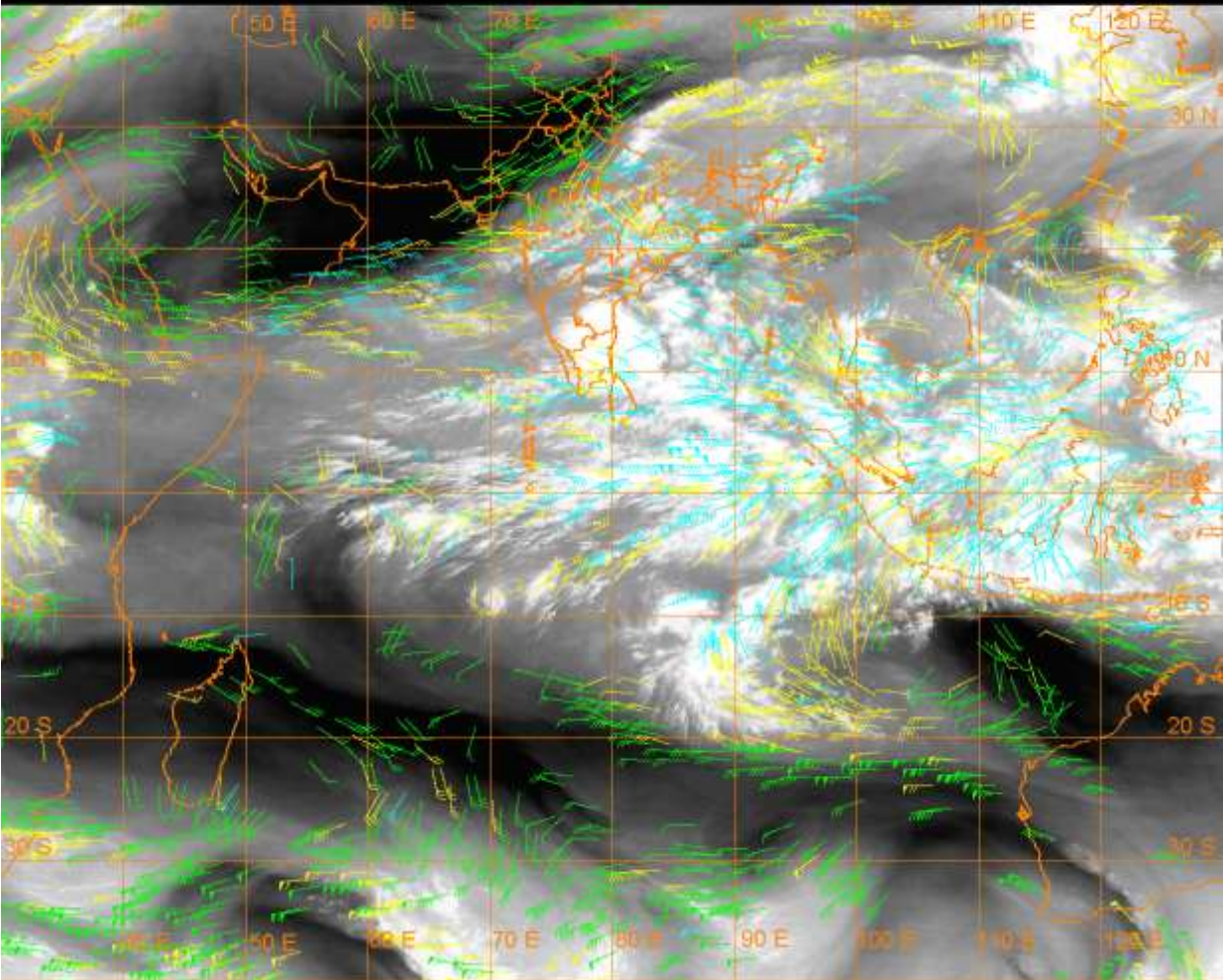
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW & E UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER LADAKH E UTRKND (.) SCT LOW/MED CLOUDS OVER J&K HP W UTRKND E HARY NW UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E ORS (MINIMUM CTT MINUS 90 DEG CEL) W ASSAM (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BHR JHRKND CHTGH W ORS S GWB MEGHA REST ASSAM ARUPR NAGA MANI MIZO AND WK TO MOD CONVTN OVER REST BHR N GWB SHWB SKM TRP & BD (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N MP MAHA (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E RAJ S MP E GUJ (.) SCT LOW/MED CLOUDS OVER W GUJ GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RYLSM COTL AP NE TN (MINIMUM CTT MINUS 93 DEG CEL) ANDAMAN ILS (MINIMUM CTT MINUS 75 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE SIK TLNGN S KER REST TN NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER COTL KRNTK NIK REST SIK N KER (.) SCT LOW/MED CLOUDS OVER LKSDP ILS (.)

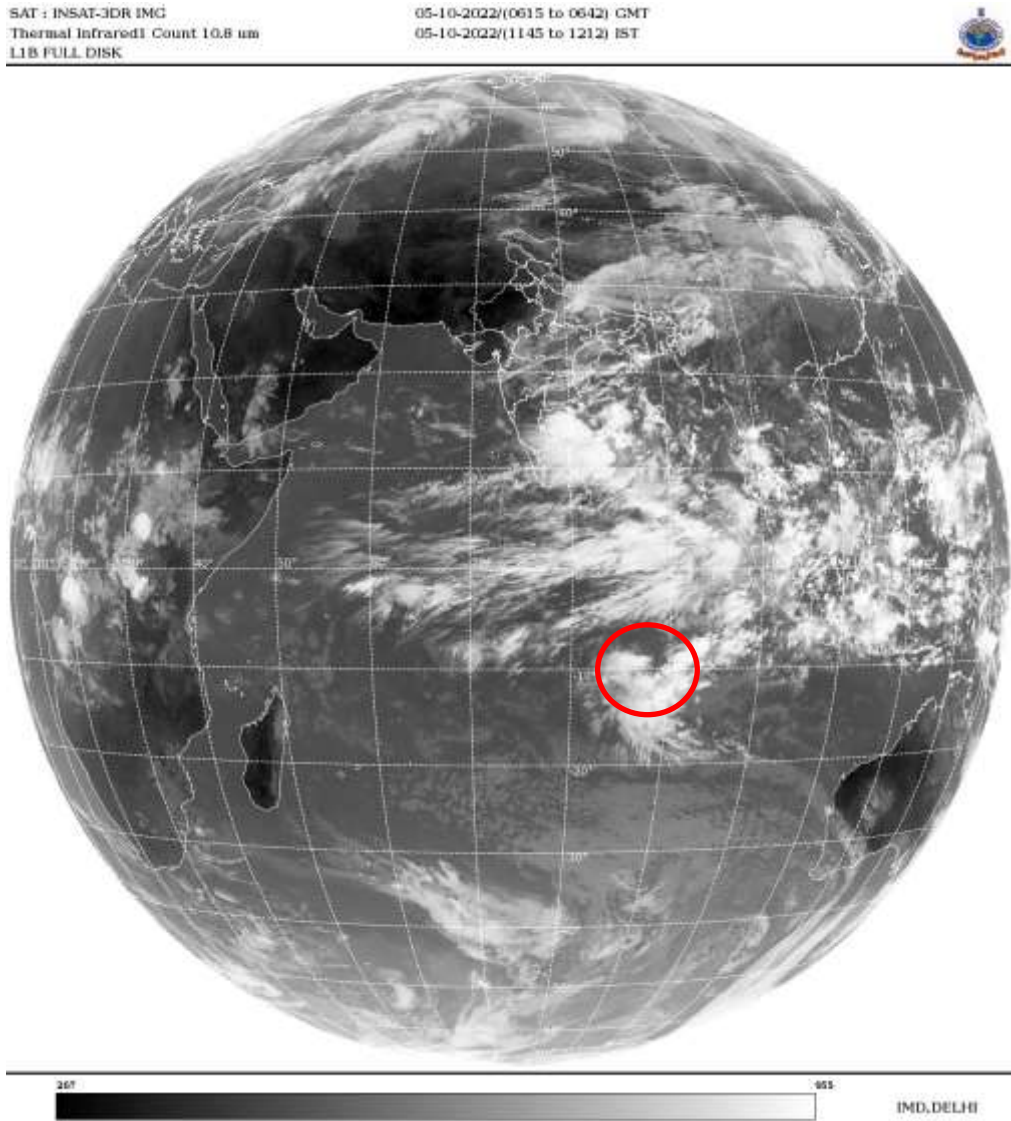
ARABIAN SEA:-

SCT LOW/MED CLOUDS WTH EMBDD MOD TO INT CONVTN OVER SE ARSEA LKSDP ILS AREA AND COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NE ARSEA CENTRAL & SW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW BAY CENTRAL BAY SOUTH BAY AND ANDAMAN SEA (.) SCT LOW/MED CLOUDS WTH EMBDD MOD TO INT CONVTN OVER NE BAY AND TENASSERIM COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN (AREA-E70) CENTERED NEAR **8.8S / 88.4E** (.) INTENSITY **T1.5/1.5** (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF **17-27 KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 8.0S TO 15.0S LONG 85.0E TO 95.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES NEPAL BHUTAN TIBET CHINA YELLOW SEA E CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM 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 10.0S LONG 57.0E TO 110.0E AND BET LAT 10.0S TO 20.0S LONG 81.0E TO 100.0E (.)

TOO 05/1250 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
	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