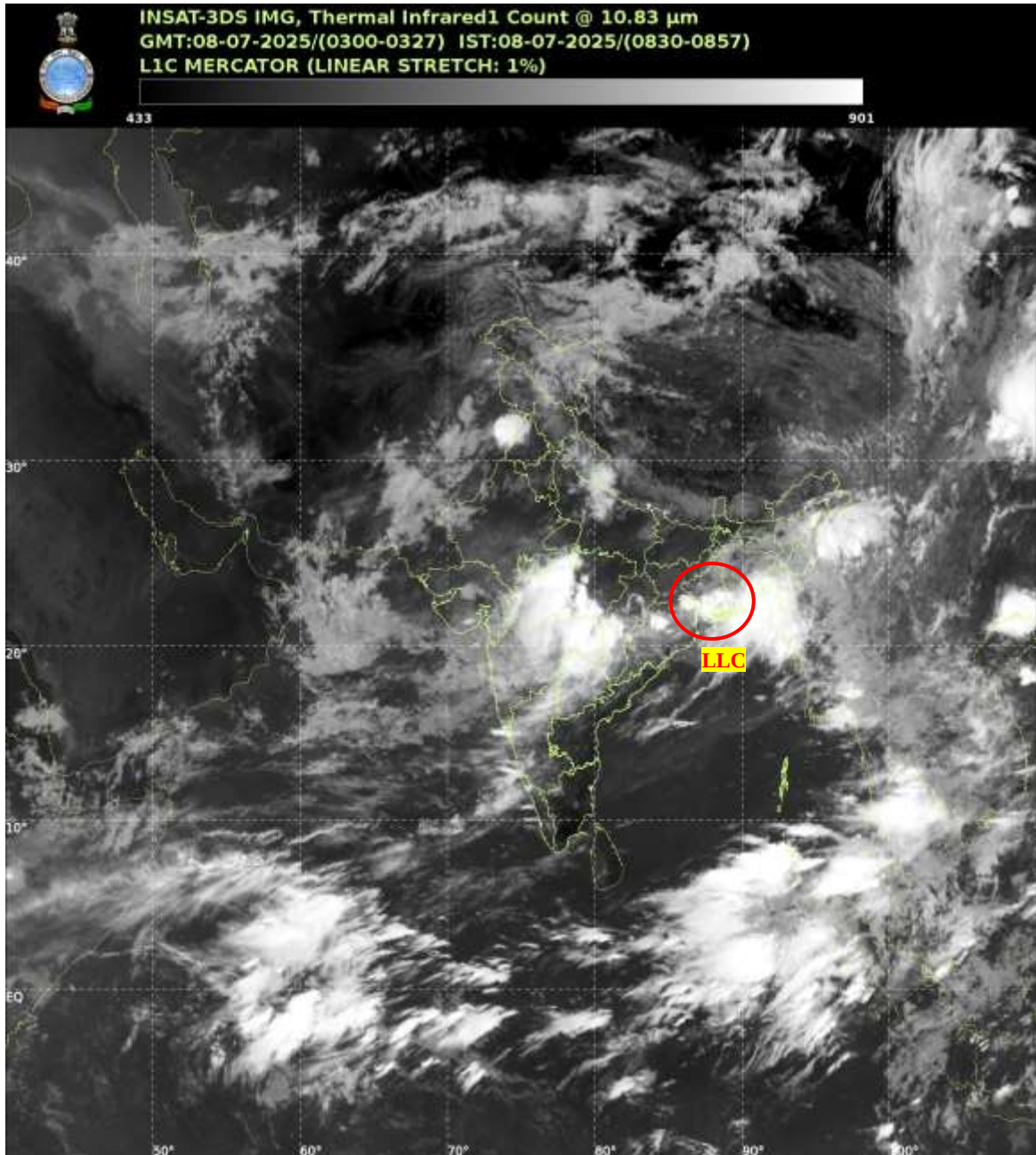




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
08.07.2025 TIME 0300 UTC



TCIN50 DEMS 080300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 080300 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 GWB & N/HOOD :-

LOW LEVEL CIRCULATION (**LLC**) OVER GWB & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER NORTH BAY GWB BD TRP MIZO (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER N ORS SOUTH JHRKND (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SW UP MP VID ADJ CHTGH N TLNGN GWB TRP MIZO BD & NICOBAR ILS AREA (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER NW PJB UTRKND N UP REST CHTGH ORS S JHRKND REST NE STATES S GUJ REST MAHA GOA KRNTK S TLNGN N KER LKSDP ILS AREA (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)



INSAT-3DS 08-JUL-2025 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

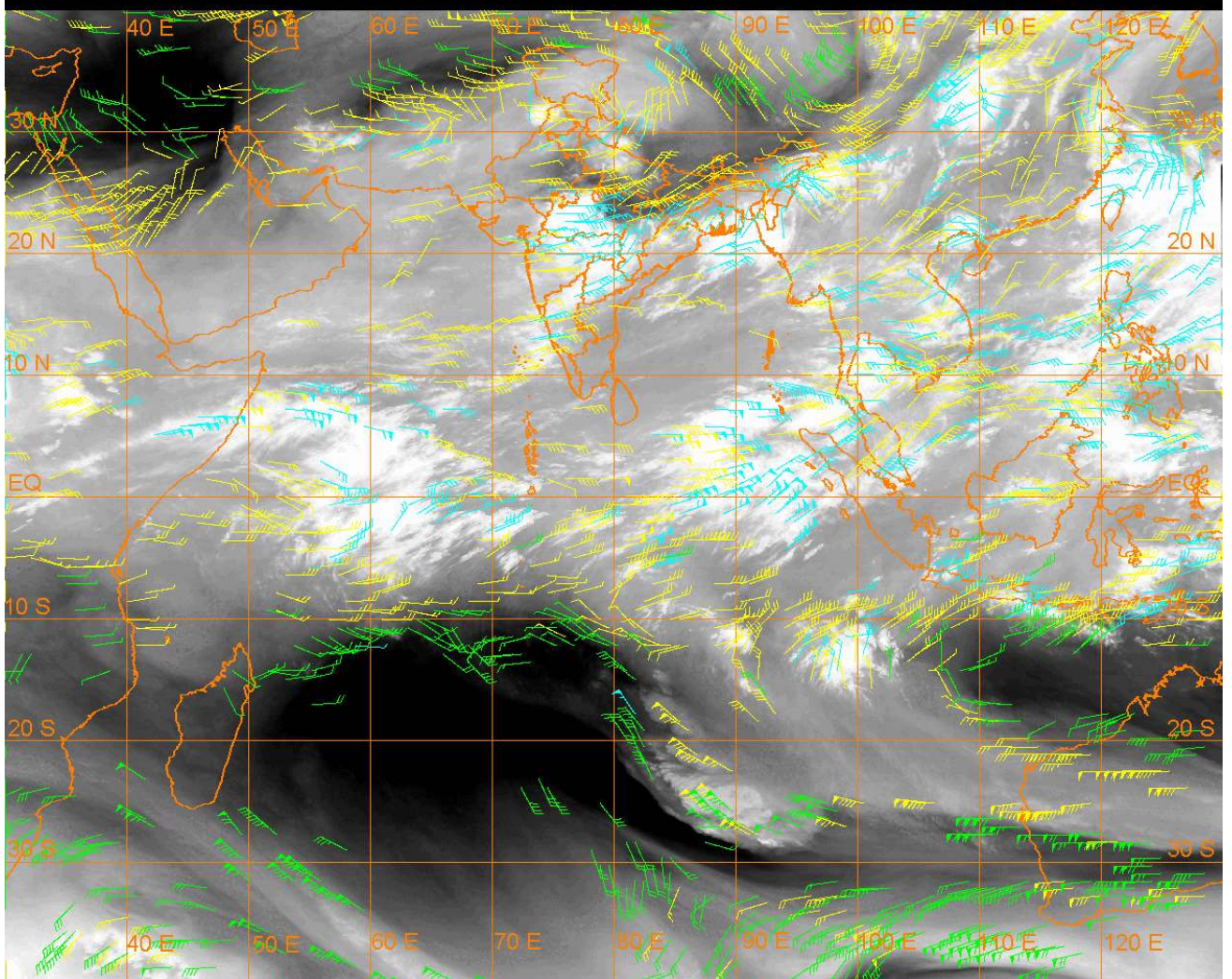
20 Kt

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH GWB MIZO TRP & BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH JHRKND ORS REST NE STATES AND WK TO MOD CONVTN OVER N JHRKND SHWB SKM (.) SCT LOW/MED CLOUDS OVER BHR (.)

WEST:-

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

SOUTH:-

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

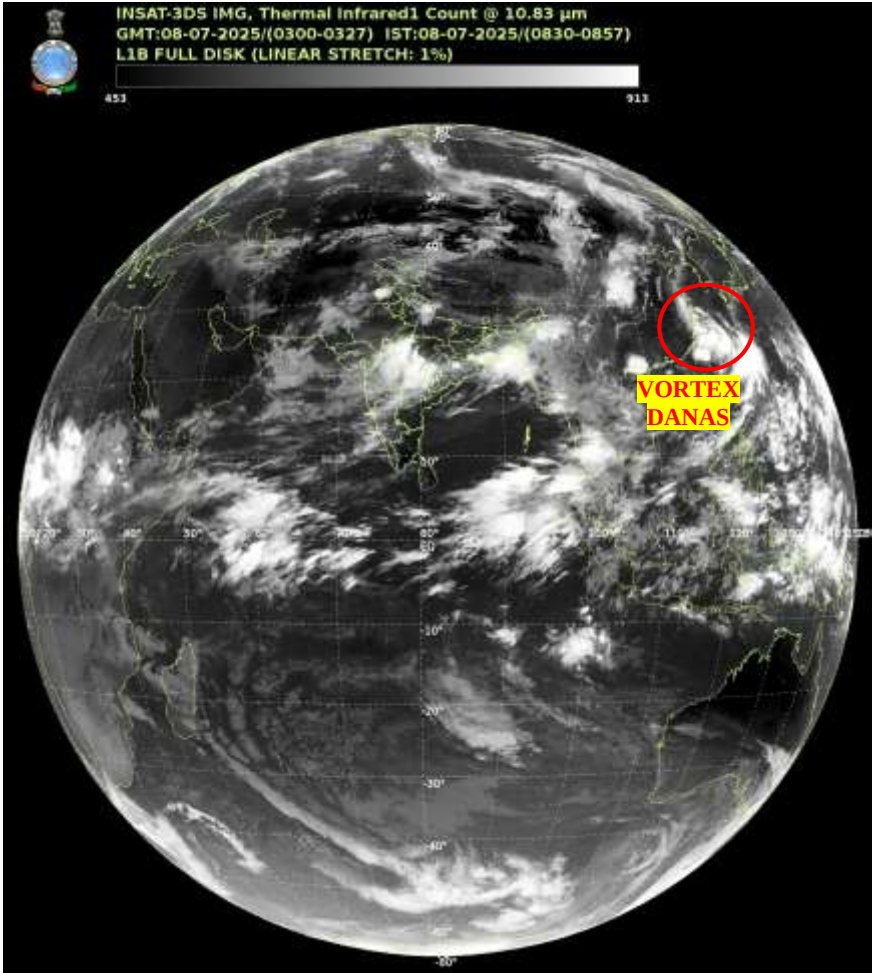
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SE ARSEA OFF KRNTK-KER COASTS & LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST ARSEA GULF OF KUTCH GULF OF CAMBAY MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (DANAS) OVER EAST CHINA SEA (NORTH OF TAIWAN):-

VORTEX (**DANAS**) OVER EAST CHINA SEA (NORTH OF TAIWAN) (**AREA F05**) CENTERED NEAR **27.8N / 122.1E** (.) INTENSITY **T2.5/2.5** (.) MAXIMUM SUSTAINED WINDS **34-47 KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 24.0N TO 30.0N AND LONG 120.0E TO 126.0E & TAIWAN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES PAK NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN TAIWAN EAST CHINA SEA SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 100.0E AND BET LAT 10.0S TO 30.0S LONG 80.0E TO 110.0E (.)

TOO 08/0930 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