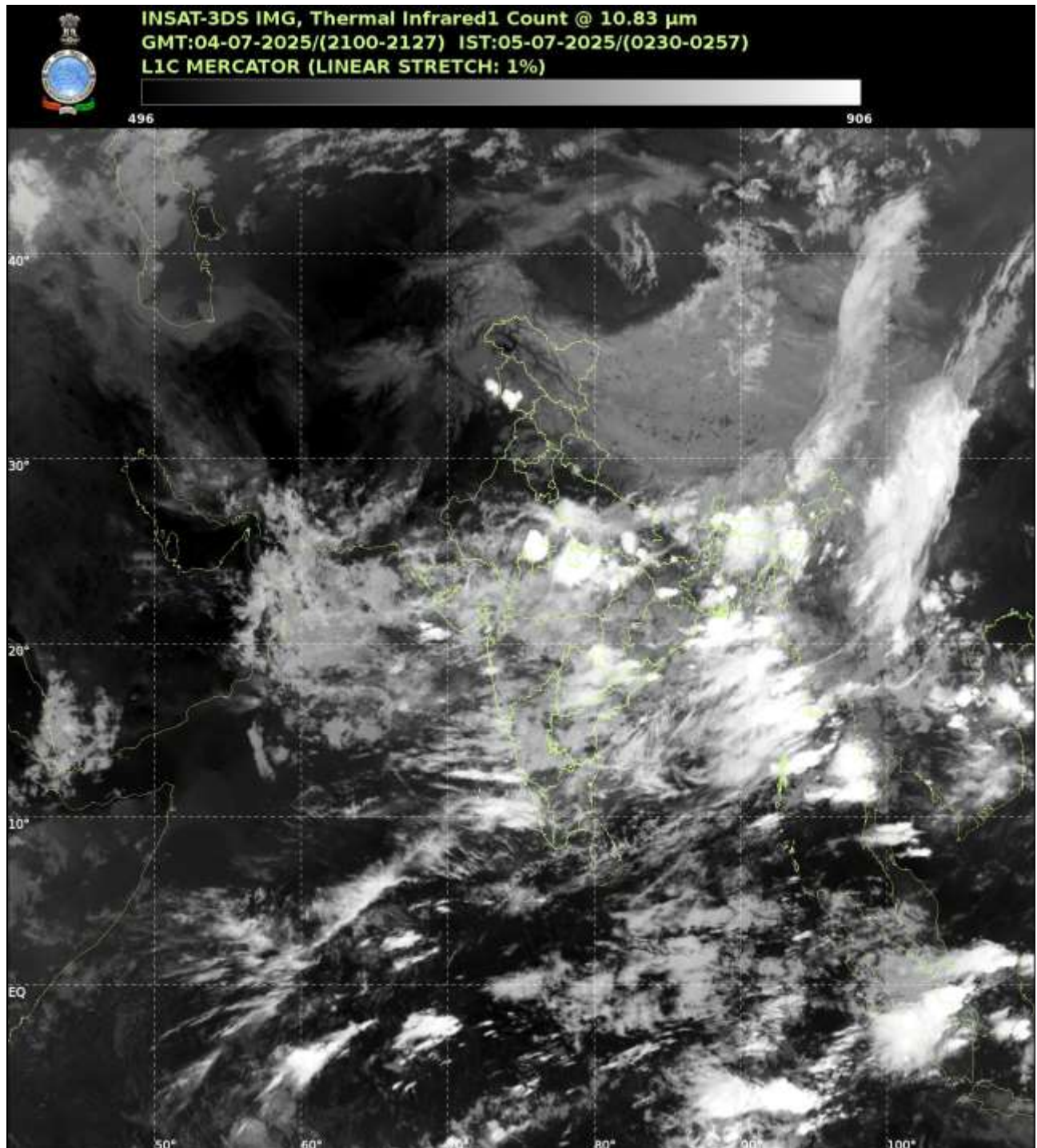




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
04.07.2025 TIME 2100 UTC



TCIN50 DEMS 042100

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 042100 UTC (.)

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

SALIENT FEATURES:-

CONVECTION OVER NORTH BAY ADJ COTL GWB AND N/HOOD :-

INTENSE TO VERY INTENSE CONVECTION OVER NORTH BAY ADJ COTL GWB AND N/HOOD
PERSISTS DURING PAST 12 HRS (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER
J&K E RAJ N MP E UP BHR S JHRKND SHWB SKM ASSAM MEGHA NAGA MANI ARUPR S GWB
(MINIMUM **CTT MINUS 70-80 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER W UP
GUJ S MP S CHTGH S ORS TRP MAHA TLNGN RYLSM LKSDP ILS ANDAMAN ILS AREA
(MINIMUM **CTT MINUS 40-70 DEG** CEL) (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E UP J&K (.) SCT LOW/MED
CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER W UP AND ISOL WK TO MOD CONVTN
OVER LADAKH HP UTRKND PJB DLH (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR S JHRKND
SHWB SKM ASSAM MEGHA NAGA MANI ARUPR S GWB (.) SCT LOW/MED CLOUDS WITH
EMBDD MOD TO INT CONVTN OVER S CHTGH S ORS GWB (.)SCT LOW/MED CLOUDS WITH
EMBDD WK TO MOD CONVTN OVER N CHTGH N ORS N GWB REST NE STATES (.)

WEST:-

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

SOUTH:-

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

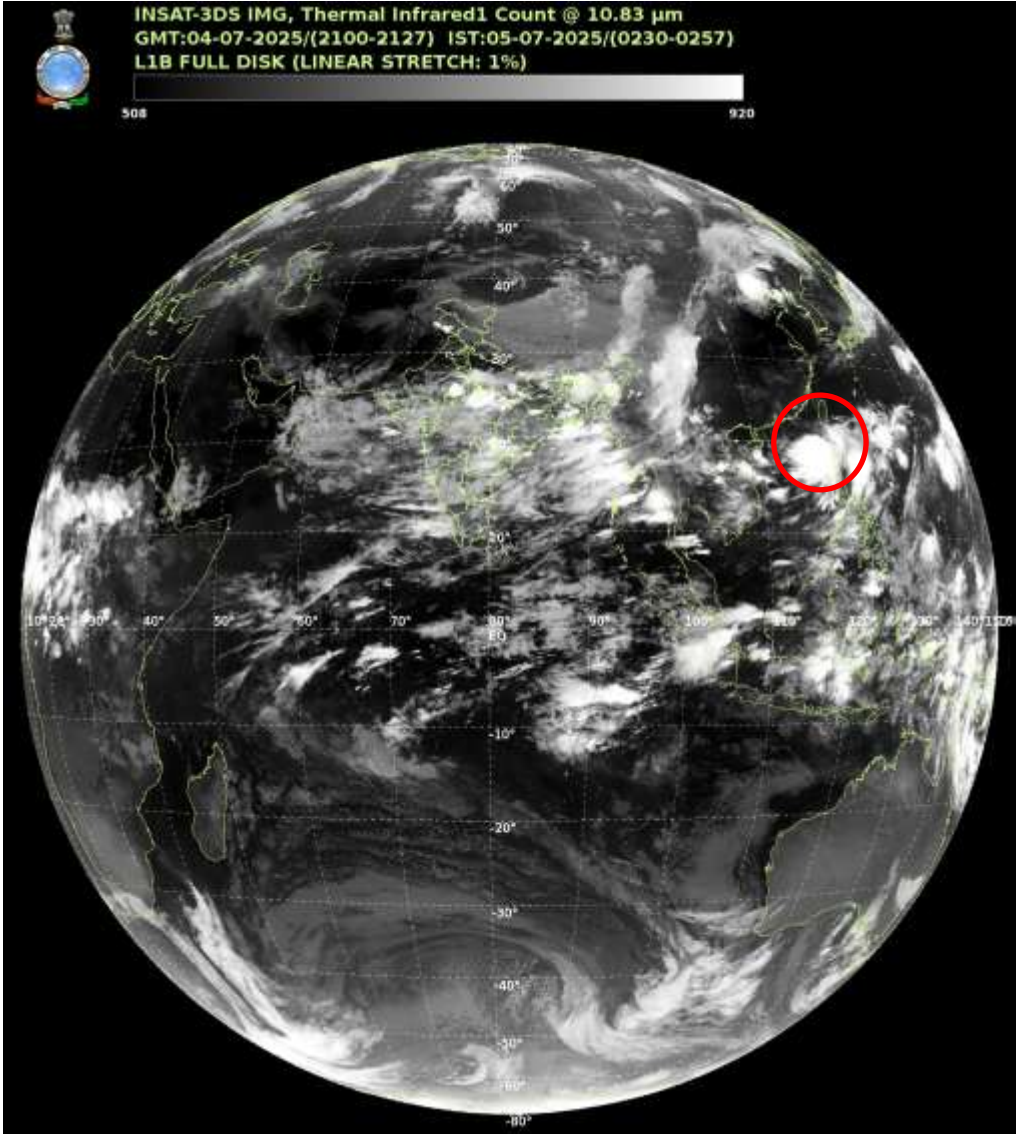
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ARSEA LKSDP ILS AREA
MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX OVER SOUTH CHINA SEA AND N/HOOD:-

VORTEX OVER SOUTH CHINA SEA AND N/HOOD (AREA F05) CENTERED NEAR 20.0N/117.4E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD INT TO V INT CONVTN OVER AREA BET LAT 15.0N TO 21.0 N LONG 115.0E TO 121.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES S PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN 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 15.0S LONG 40.0E TO 100.0E (.)

TOO 05/0505EF=

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