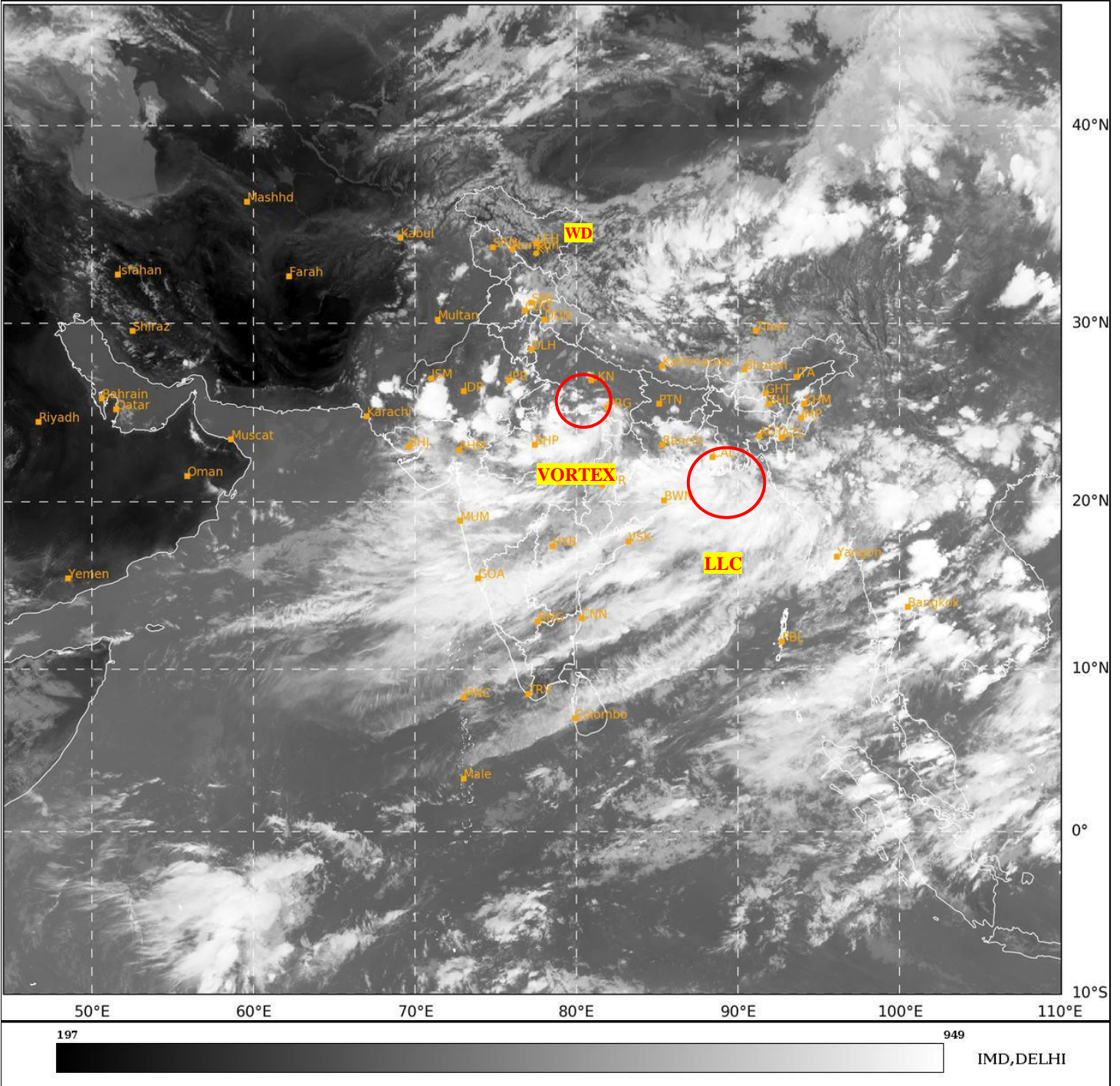




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
24.08.2024 TIME 0900 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

24-08-2024/(0915 to 0942) GMT
24-08-2024/(1445 to 1512) IST



TCIN50 DEMS 240900

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 240915 UTC (.)

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

SALIENT FEATURES:-

VORTEX OVER SE UP ADJ NORTH-EAST MP & N/HOOD:-

VORTEX OVER SE UP ADJ NE MP & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE UP E MP (MINIMUM CTT MINUS 80 DEG CEL) AND MOD TO INT CONVTN OVER N CHTGH ADJ S UP (MINIMUM CTT MINUS 50-60 DEG CEL) (.)

LLC OVER NORTH BAY & N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER NORTH BAY & N/HOOD (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N COTL ORS COTL GWB ADJ COTL BD & NORTH BAY (MINIMUM CTT MINUS 80-93 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER E
PJB HP HARY SE UP MP RAJ GUJ KKN GOA MAHA NIK TLNGN RYLSMA COTL AP CHTGH ORS
GWB N TN N KER E ASSAM NAGA MANI MIZO (MINIMUM CTT MINUS 80-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER W PJB
W UTRKND SIK S KER S TN W ASSAM MEGHA & NICOBAR ILS (MINIMUM CTT MINUS 50-70
DEG CEL) (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER HP HARY
UTRKND S UP E PJB AND ISOL WK TO MOD CONVTN OVER LADAKH J&K W PJB DLH REST N
UP (.) SCT LOW/MED CLOUDS OVER REST PARTS OF THE REGION (.)

EAST:-

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

WEST:-

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

SOUTH:-

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

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA GULF
OF CAMBAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC ARSEA
& NORTH PARTS OF SOUTH ARSEA AND ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

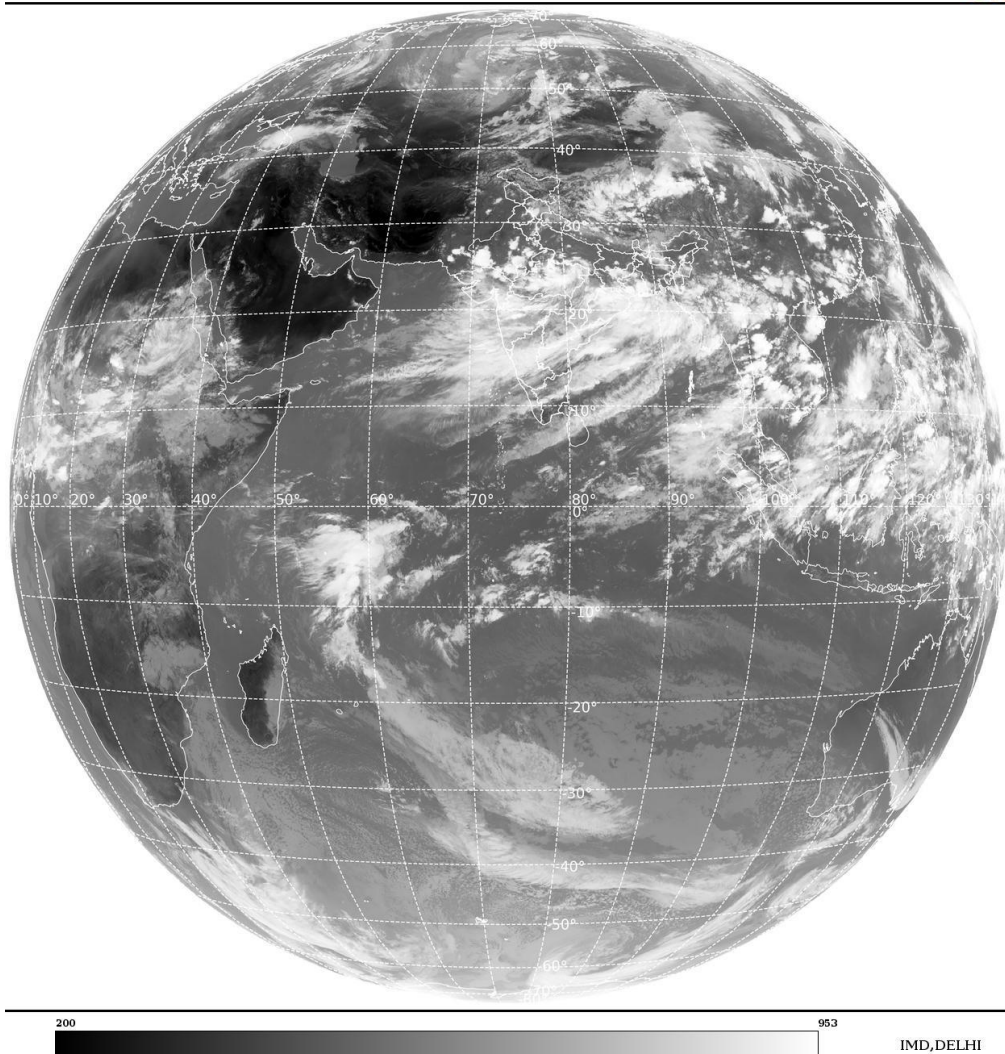
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

24-08-2024/(0915 to 0942) GMT
 24-08-2024/(1445 to 1512) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 50.0E TO 100.0E AND BET LAT 12.0S TO 35.0S LONG 55.0E TO 80.0E (.)

TOO 24/1555 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 CONV TN	WEAK CONVECTION (CTT GREATER THAN -25°C)	
	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONV TN	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