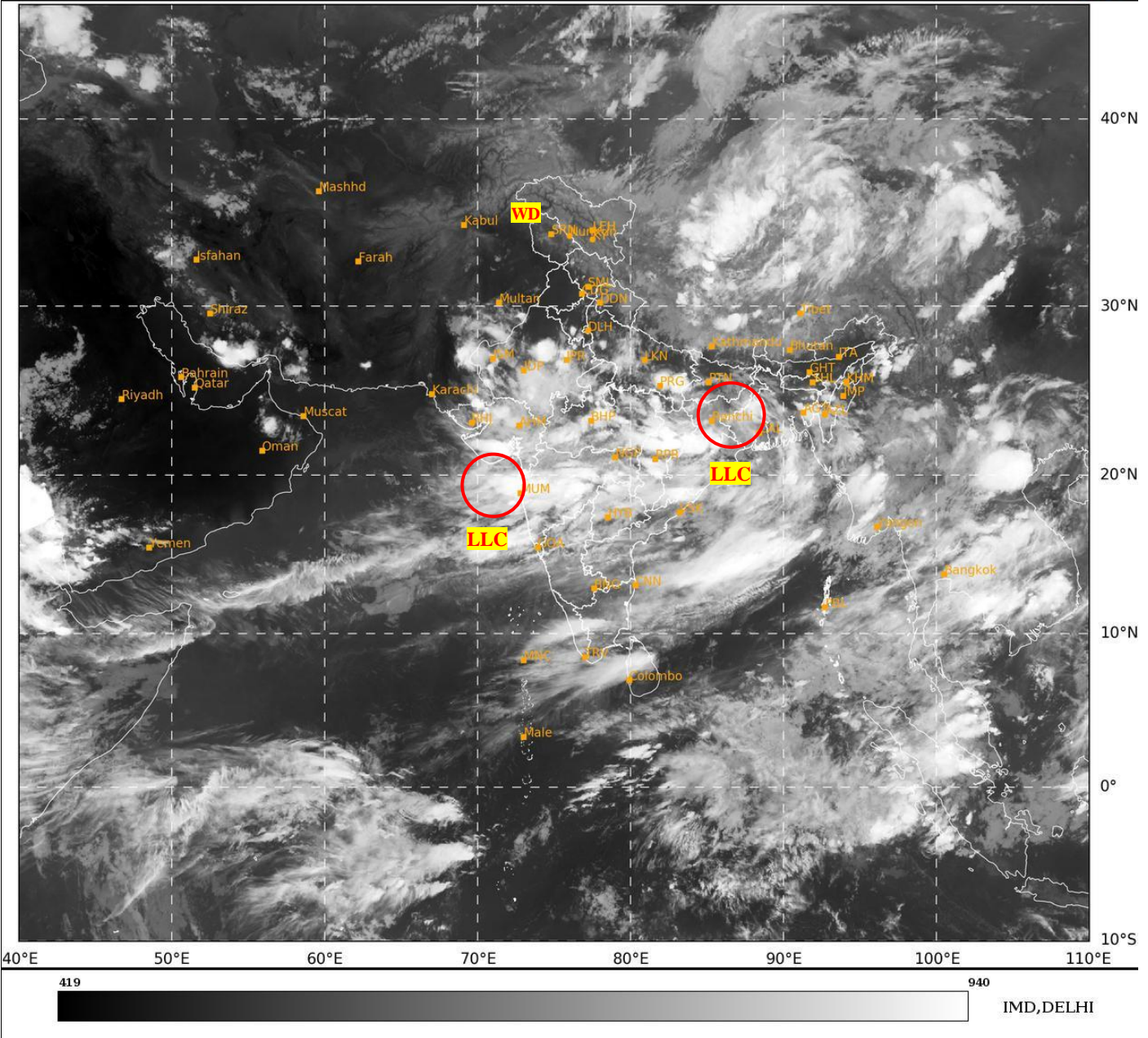




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
23.08.2024 TIME 1500 UTC

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

23-08-2024/(1445 to 1512) GMT
23-08-2024/(2015 to 2042) IST



TCIN50 DEMS 231500

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 231445 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 EAST CENTRAL ARABIAN SEA OFF MAHARASHTRA COAST & N/HOOD :-

LOW LEVEL CIRCULATION (LLC) OVER EC ARSEA OFF MAHARASHTRA COAST & N/HOOD (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA GULF OF CAMBAY N KKN & NORTH MADHYA MAHA (MINIMUM CTT MINUS 93 DEG CEL) (.)

LLC OVER NORTH GWB ADJ NE JHRKND & N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER NORTH GWB ADJ NE JHRKND & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S JHRKND N GWB ORS NORTH BAY (MINIMUM CTT MINUS 93 DEG CEL) AND MOD TO INT CONVTN OVER N JHRKND S GWB S BD (.)

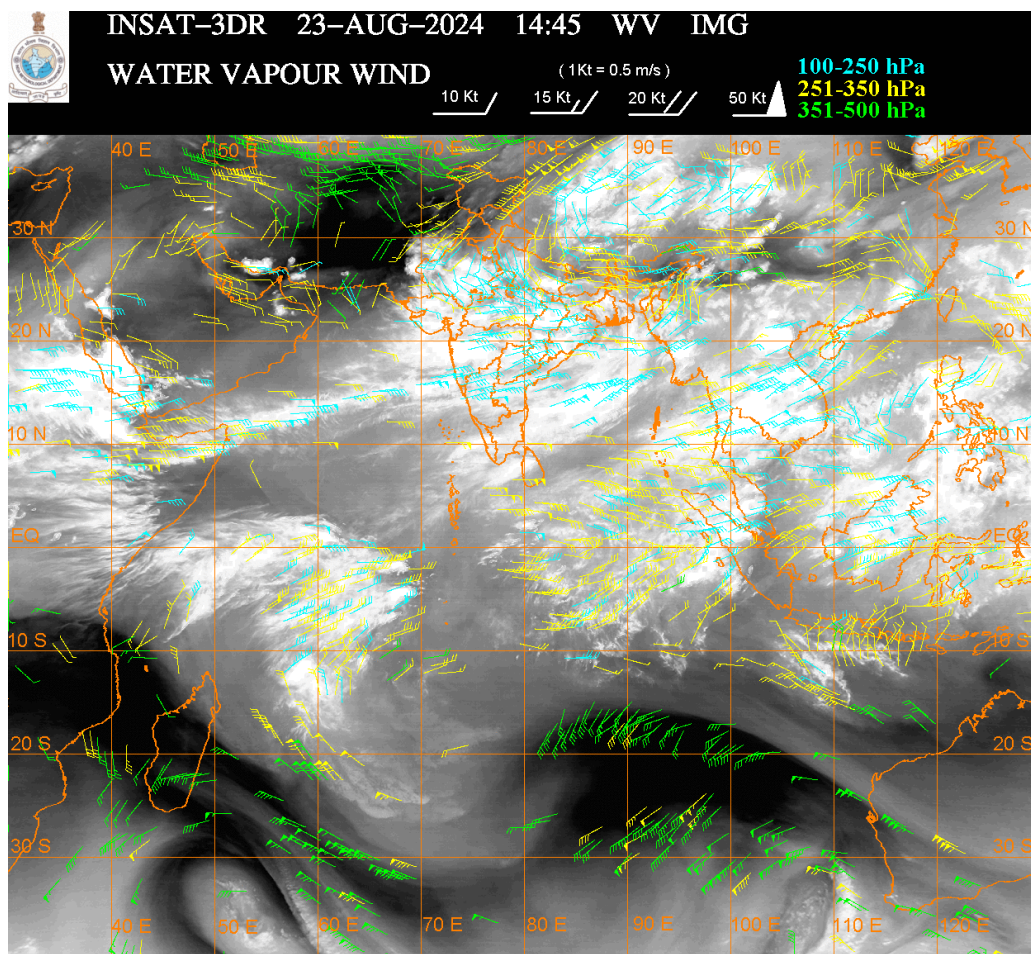
WESTERN DISTURBANCE (WD):-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S UP S JHRKND CHTGH ORS N GWB TRP RAJ MP GUJ MAHA N TLNGN CENTRAL KER ADJ W TN (MINIMUM **CTT MINUS 80-93** DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SE HARY W BHR SHWB SE ASSAM NAGA MANI MIZO BD NIK S TLNGN N COTL AP (MINIMUM **CTT MINUS 50-70** DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S UP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE HARY NW UP AND ISOL WK TO MOD CONVTN OVER LADAKH N HP UTRKND NE UP (.) SCT LOW/MED CLOUDS OVER J&K S HP REST HARY (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S JHRKND CHTGH ORS N GWB EXT E ARUPR TRP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W BHR N JHRKND S GWB SE ASSAM NAGA MANI MIZO & BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E BHR SHWB SKM MEGHA W ARUPR (.)

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NIK TLNGN RYLSM N COTL AP CENTRAL KER ADJ W TN (.)SCT LOW/MED CLOUDS OVER REST KRNTK S KER REST TN ANDAMAN & NICOBAR ILS (.)SCT LOW/MED CLOUDS OVER N KER LKSDP 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 &SE ARSEA AND ISOL WK TO MOD CONVTN OVER NE ARSEA GULF OF KUTCHH (.)

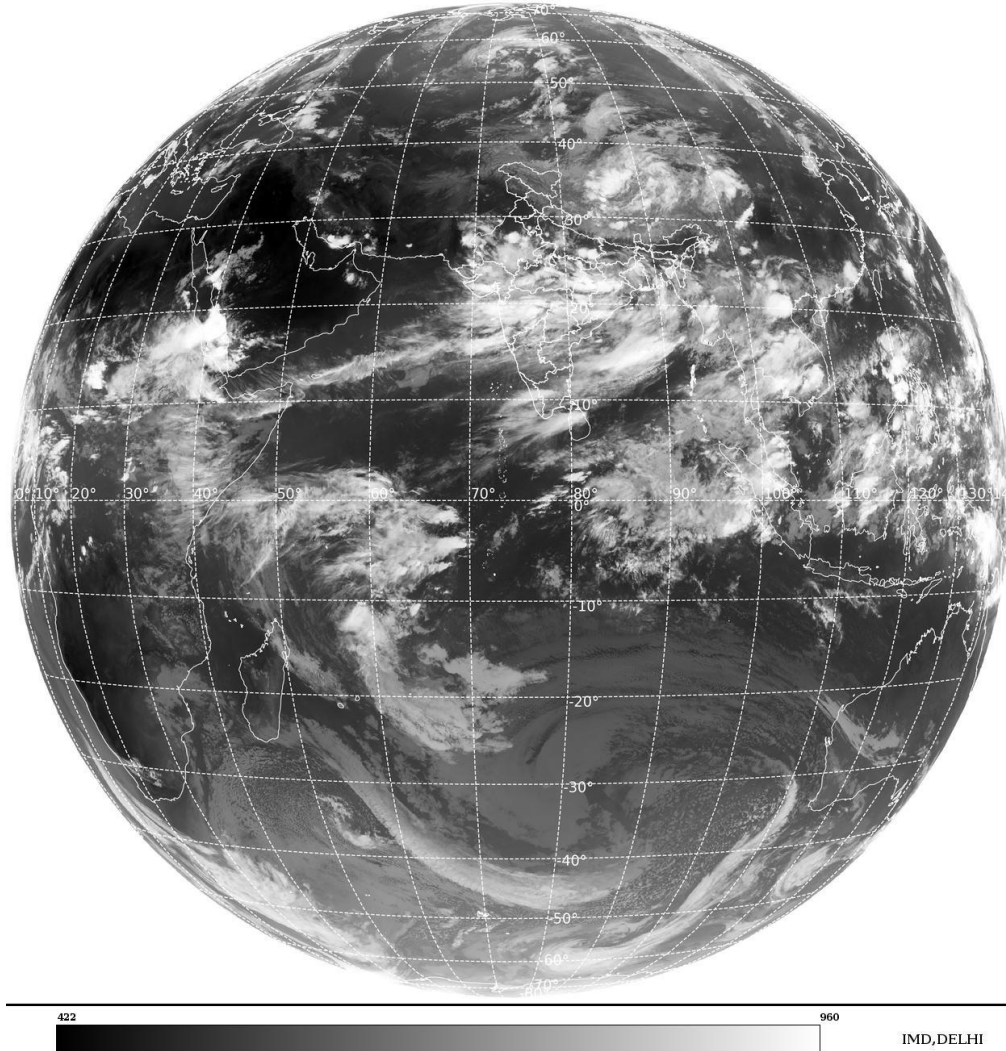
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3DR IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

23-08-2024/(1445 to 1512) GMT
23-08-2024/(2015 to 2042) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN TAIWAN 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 15.0S LONG 40.0E TO 110.0E AND BET LAT 15.0S TO 22.0S LONG 56.0E TO 75.0E (.)

TOO 23/2130 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
	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