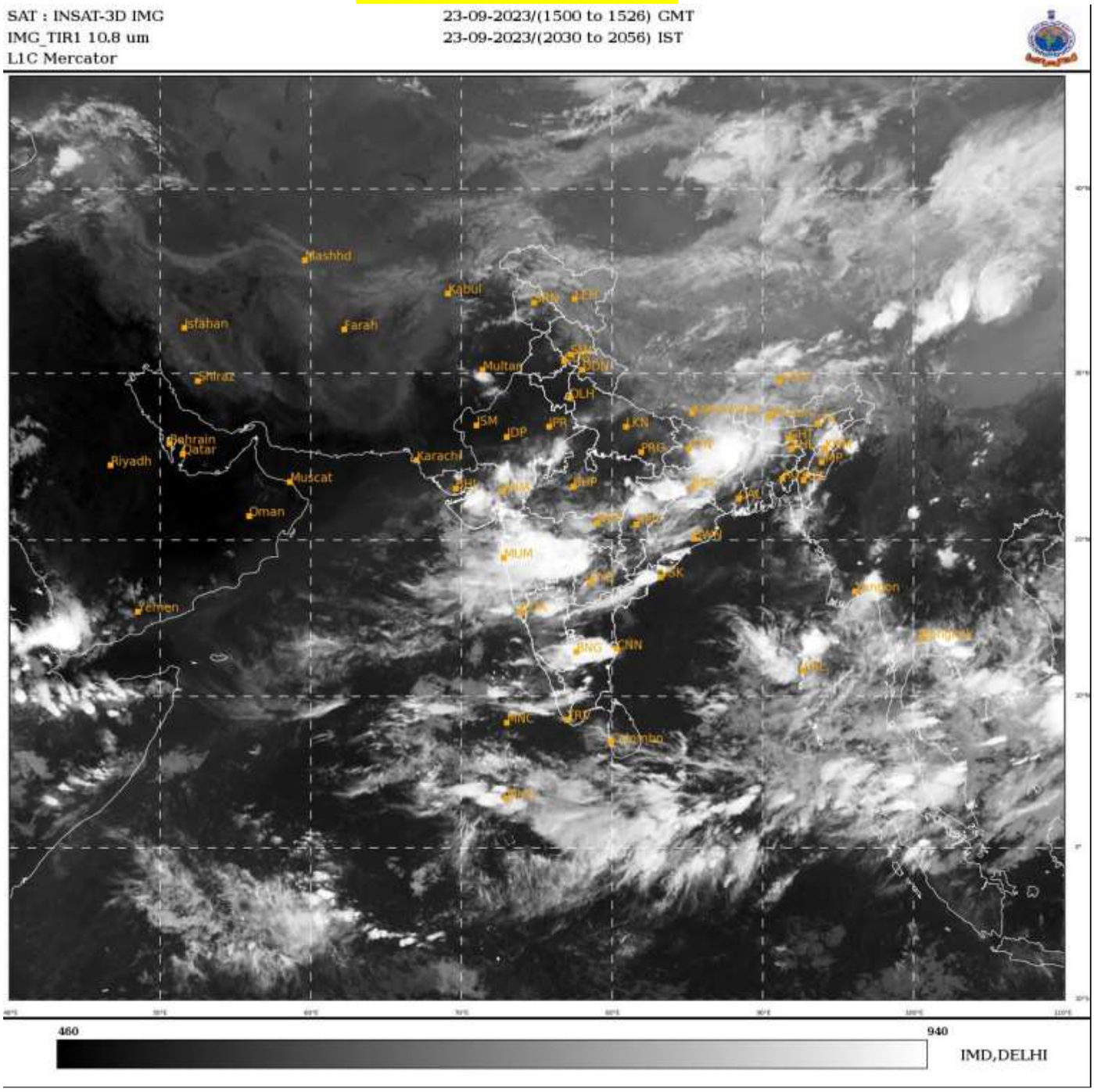
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

23.09.2023 TIME 1500 UTC

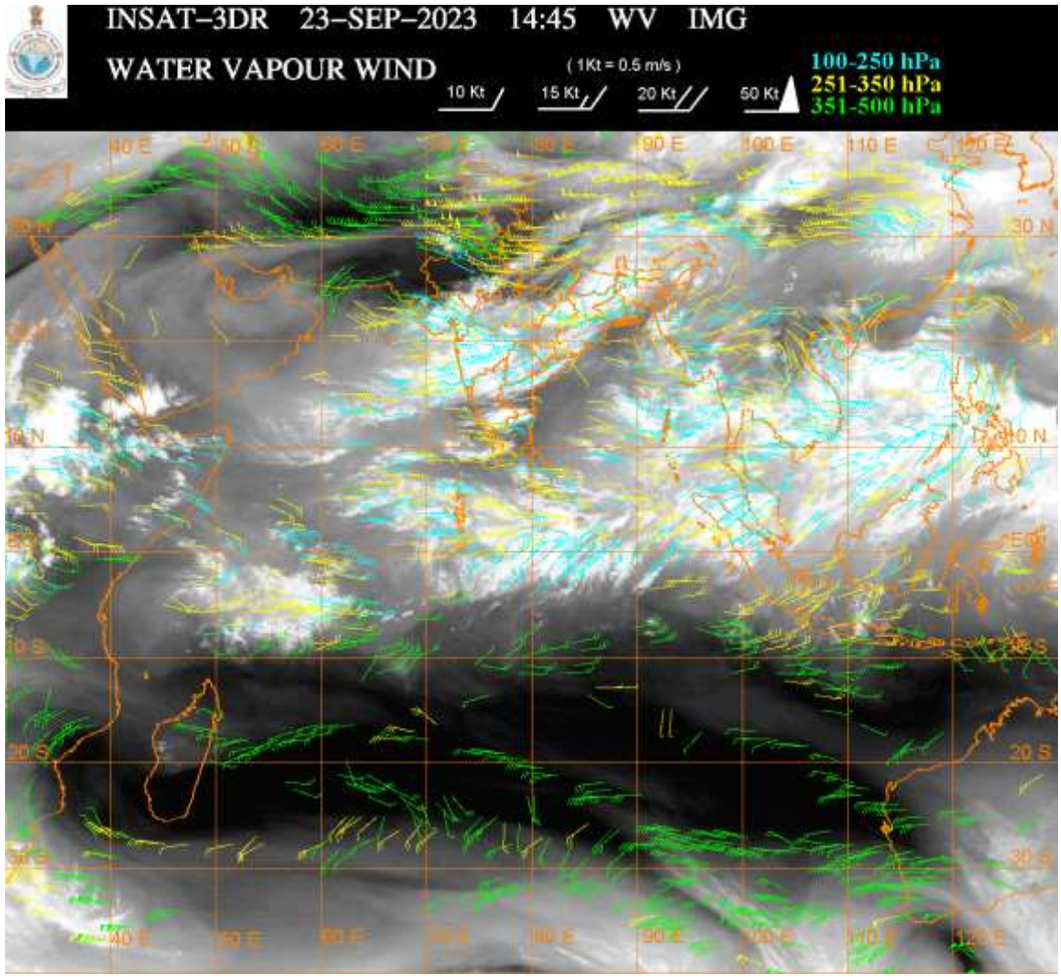


TCIN50 DEMS 231500
SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 231500 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

THUNDERSTORM / CONVECTIVE ACTIVITY:-

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER E BHR JHRKND N CHTGH MAHA GUJ SE RAJ COTL AP N TN & BD (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K N HP N UTRKND UP (.) SCT LOW/MED CLOUDS OVER S HP S UTRKND N PJB UP (.)

EAST:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N CHTGH N JHRKND E BHR SOUTH SHWB (MINIMUM CTT MINUS 93 DEC) (.) BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S CHTGH ORS S JHRKND N GWB NORTH SHWB SKM W MEGHA N ASSAM NAGA AND ISOL WK TO MOD CONVTN OVER W BHR S GWB E MEGHA ARUPR MANI MIZO (.)SCT LOW/MED CLOUDS OVERSE ASSAM TRP (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MRTHWD MADHYA MAHA N KKN (MINIMUM CTT MINUS 93 DEC) SE RAJ S GUJ (MINIMUM CTT MINUS 84 DEC) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N GUJ SW VID EXT PARTS OF MP AND ISOL WK TO MOD CONVTN OVER REST MP & GOA (.) SCT LOW/MED CLOUDS OVER REST RAJ (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW TLNGN COTL AP ADJ N TN SE SIK (MINIMUM CTT MINUS 901DEC) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST TLNGN RYLSM REST KRNTK KER ANDAMAN ILS AND WK TO MOD CONVTN OVER SW TN LKSDP & NICOBAR ILS (.) ISOL TO SCT LOW/MED CLOUDS OVER SE TN (.)

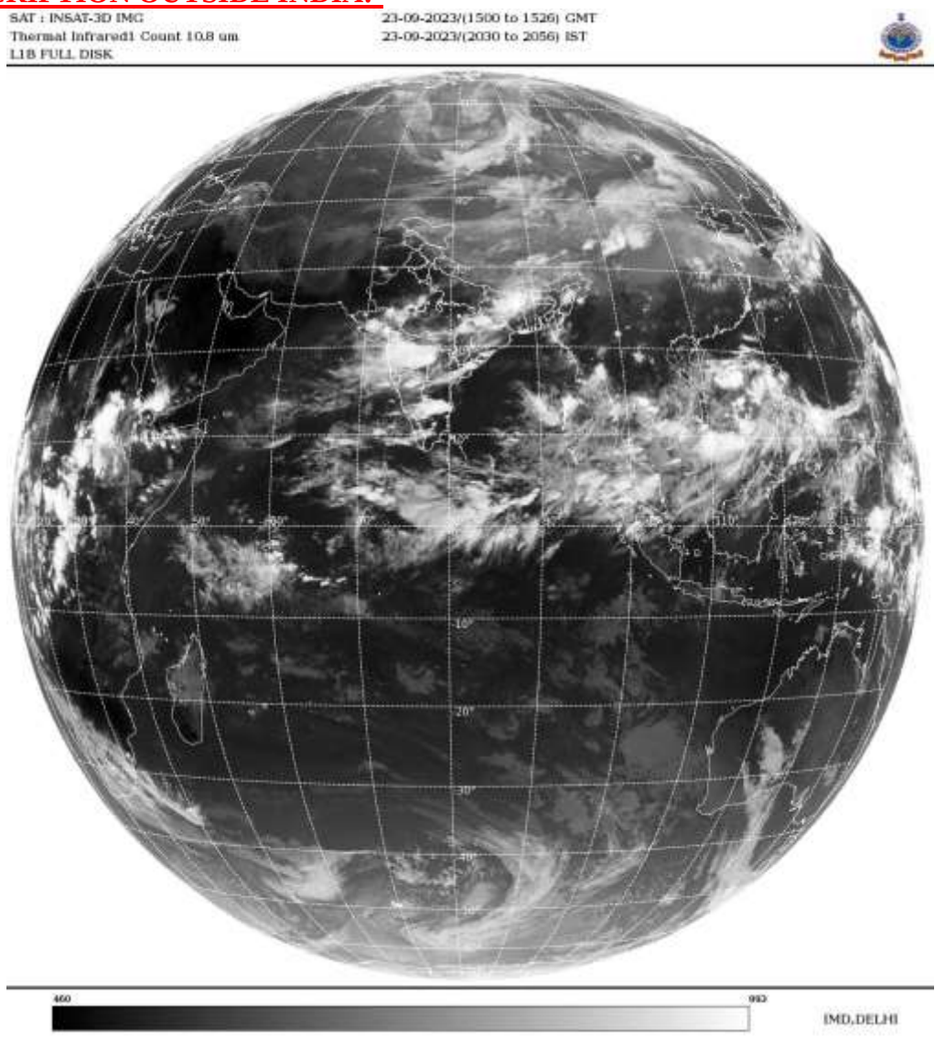
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EAST ARSEA LKSDP ILS AREA (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ADJ N ANDAMAN SEA AND MOD TO INT CONVTN OVER SOUTH BAY S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA MALDIVES EXT NE PAK E NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS S VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES SEA PHILIPPINES EAST CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 2.5S EAST OF LONG 62.0E AND BET EQT TO 8.5S LONG 48.0E TO 62.0E (.)

TOO 23/2140 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**
	WK CONVTN	**WEAK CONVECTION (CTT GREATER THAN –25□C)**

CONVECTION	**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 TERITORIES	**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**