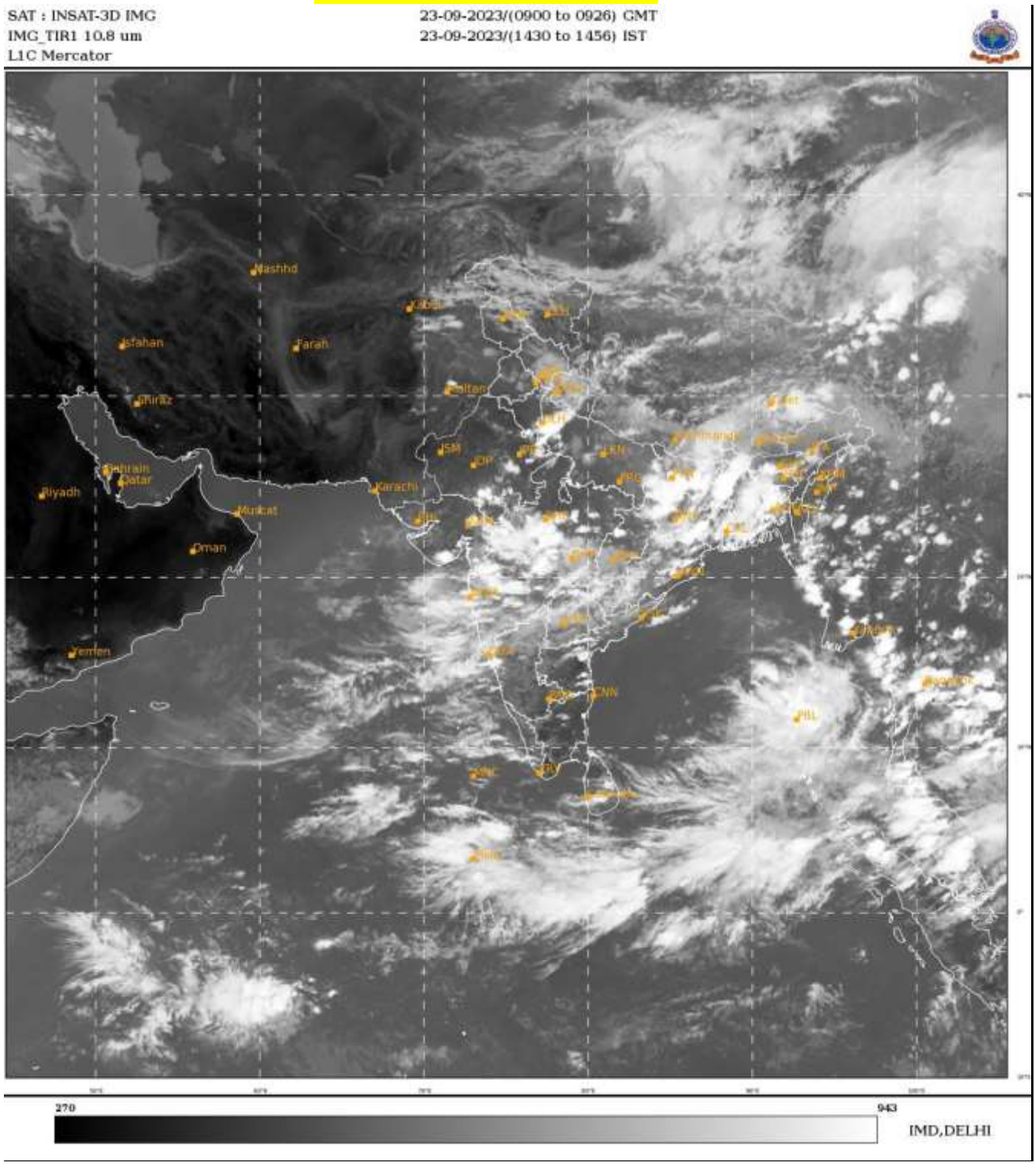
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

23.09.2023 TIME 0900 UTC

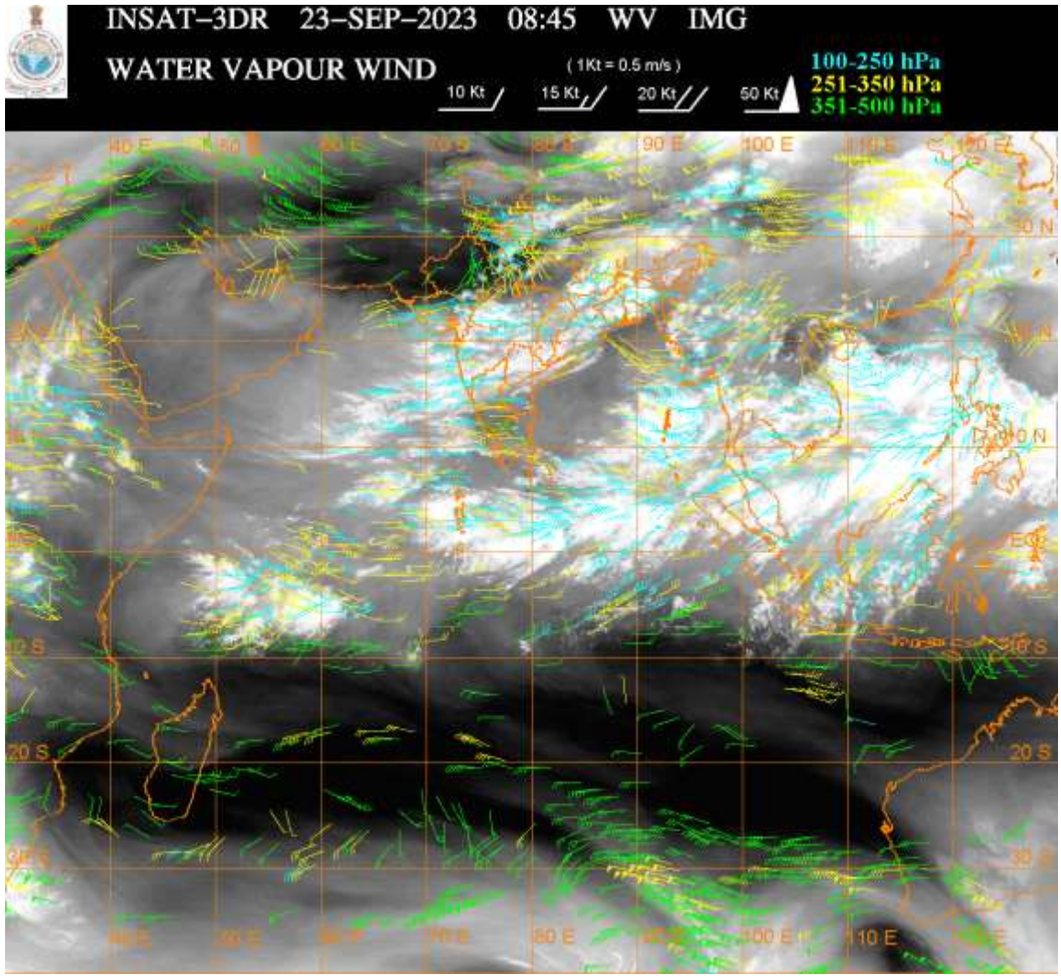


ZCZC 090
TCIN50 DEMS 2306900
SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 230900 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

THUNDERSTORM / CONVECTIVE ACTIVITY:-

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER SE HARY DLH NW UP BHR JHRKND N CHTGH N ORS S MP MAHA E GUJ E RAJ GWB SHWB W ASSAM & BD (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT SE HARY NW UP (MINIMUM CTT MINUS 93 DEC) (.) BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER DLH AND ISOL WK TO MOD CONVTN OVER LADAKH N J&K HP UTRKND N PJB N HARY E UP (.) SCT LOW/MED CLOUDS OVER REST UP (.)

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E RAJ E GUJ S MP NORTH MADHYA MAHA W VID (MINIMUM CTT MINUS 93 DEC) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST MAHA GOA VID AND ISOL WK TO MOD CONVTN OVER N MP (.) SCT LOW/MED CLOUDS OVER W RAJ W GUJ (.)

SOUTH:-

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

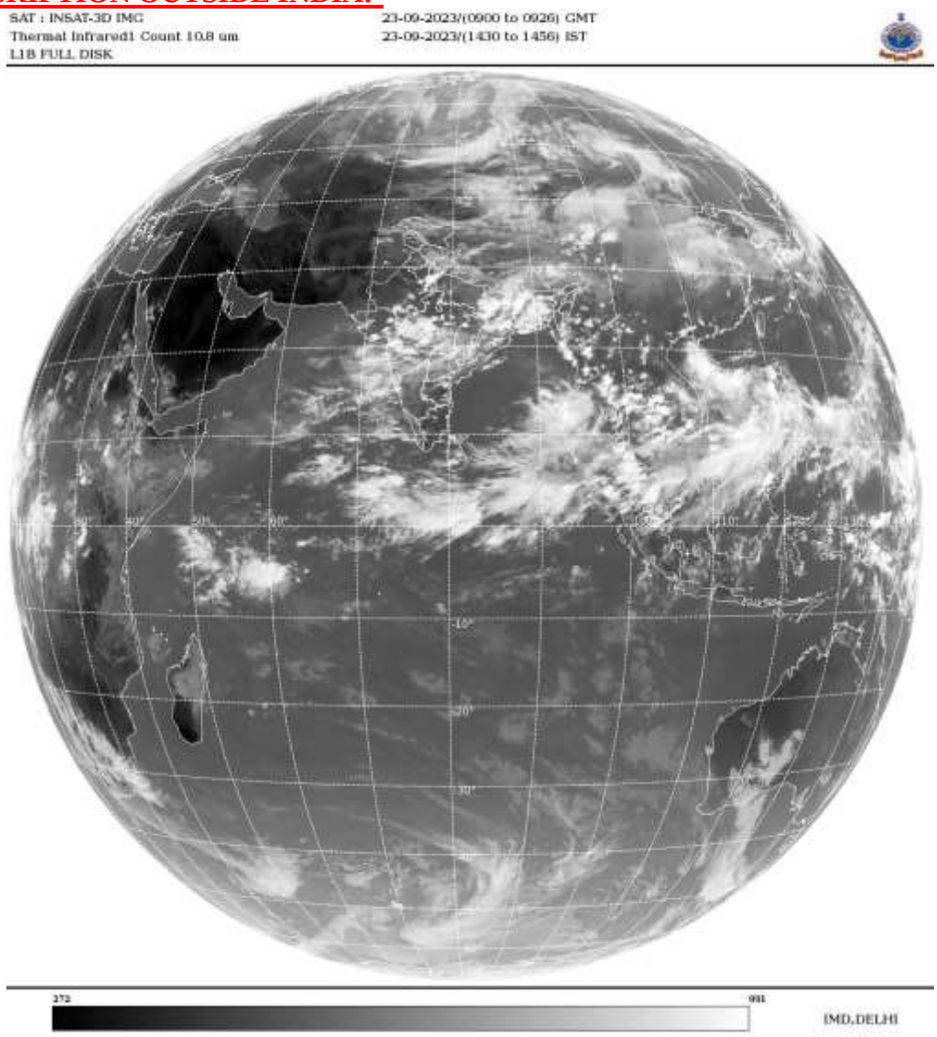
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC & SOUTH BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER 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 2.0S EAST OF LONG 62.0E AND BET EQT TO 8.5S LONG 48.0E TO 62.0E (.)

TOO 23/1530 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**