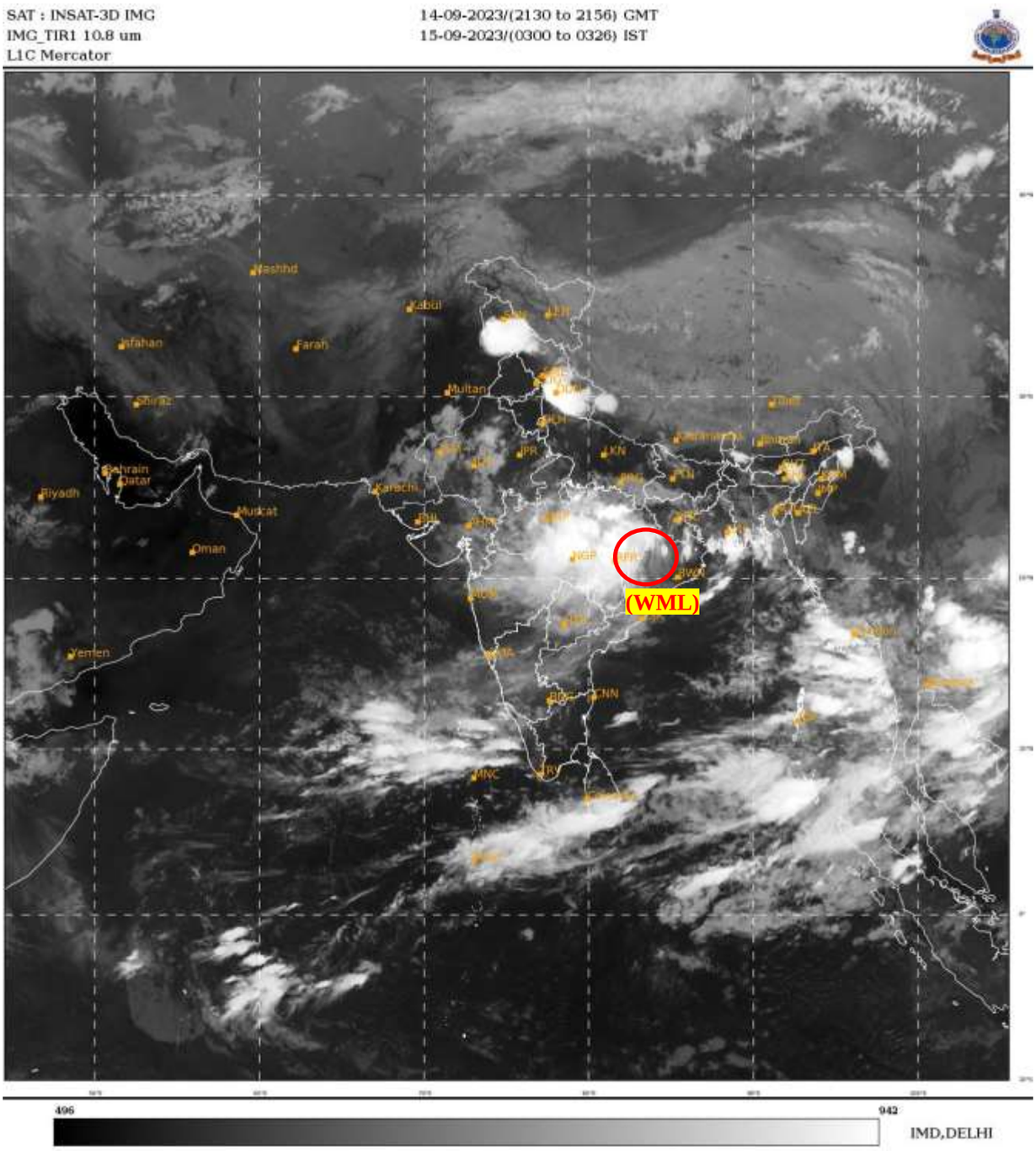
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

14.09.2023 TIME 2100 UTC



TCIN50 DEMS 142100
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 142130 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

VORTEX (WML) OVER NORTH-WEST ORISSA ADJ N CHTGH & N/HOOD:-

VORTEX (WML) OVER NW ORS ADJ N CHTGH & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT OVER CHTGH ADJ E MP (MINIMUM CTT MINUS 93 DEG CEL) AND MOD TO INT CONVTN OVER N ORS (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED J&K HP UTRKND ADJ NW UP MP VID CHTGH N ORS S GWB & NICOBAR ILS (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER J&K UTRKND ADJ NW UP (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER HP ADJ NE HARY AND ISOL WK TO MOD CONVTN OVER LADAKH DLH S UP (.) SCT LOW/MED CLOUDS OVER PJB REST HARY (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH (MINIMUM CTT MINUS 93 DEG CEL) N ORS S GWB (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER JHRKND SHWB ASSAM NAGA BD AND ISOL WK TO MOD CONVTN OVER BHR S ORS N GWB SKM REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E MP VID (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W MP MRTHWDA NORTH MADHYA MAHA AND WK TO MOD CONVTN OVER RAJ E GUJ REST MAHA & GOA (.) SCT LOW/MED CLOUDS OVER W GUJ (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NICOBAR ILS (MINIMUM CTT MINUS 83 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN LKSDP ILS ANDAMAN & NICOBAR ILS AND WK TO MOD CONVTN OVER KRNTK RYLSMA COTL AP N KER (.) SCT LOW/MED CLOUDS OVER S KER TN (.)

ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA MALDIVES W NEPAL CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN N SUMATRA ADJ W COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES YELLOW SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 2.0S LONG 70.0E TO 100.0E AND BET EQ TO LAT 6.0S LONG 50.0E TO 67.0E (.)

TOO 15/0420 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 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**