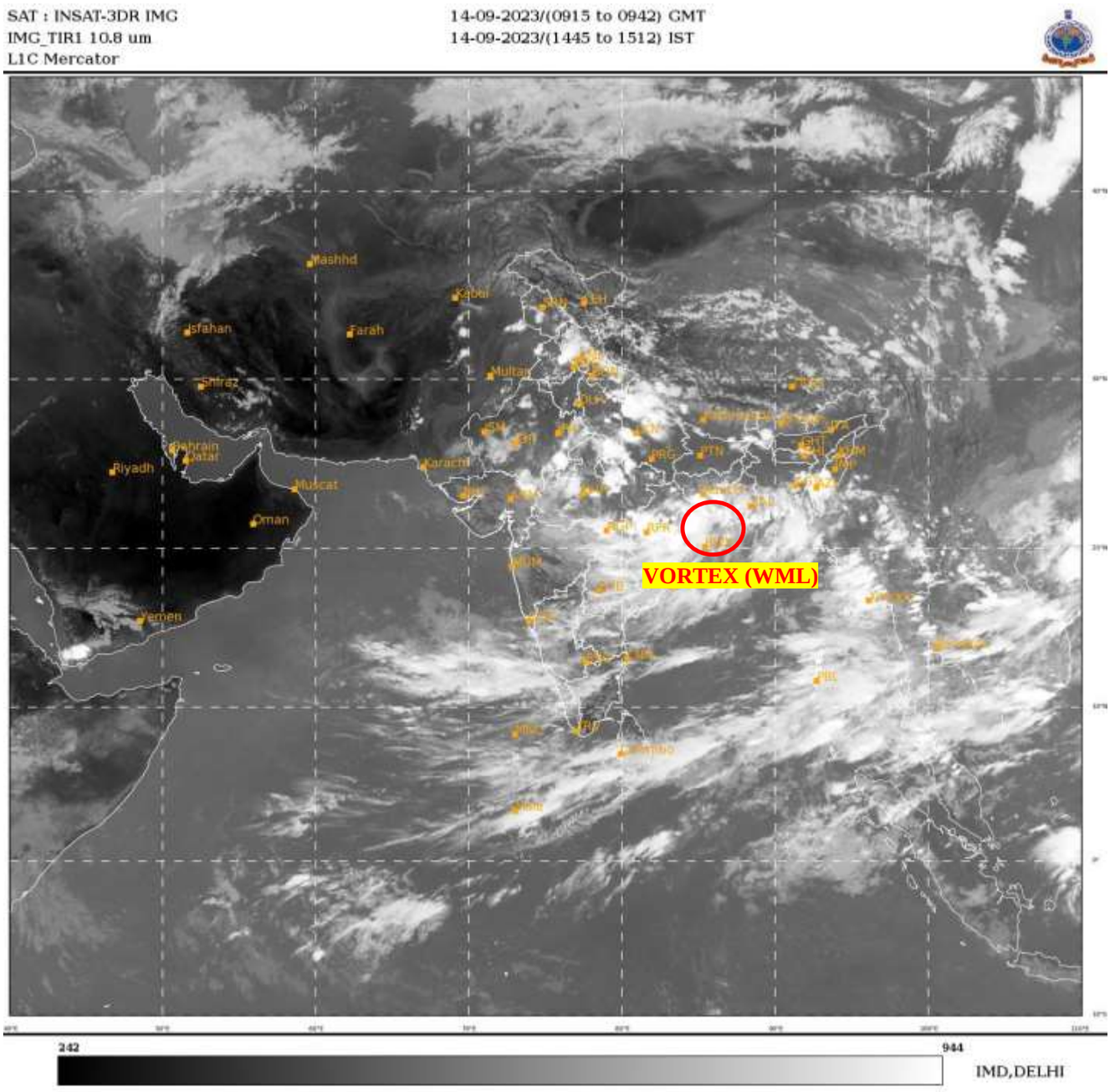
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

14.09.2023 TIME 0900 UTC



TCIN50 DEMS 140900
SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 140915 UTC (.)
REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

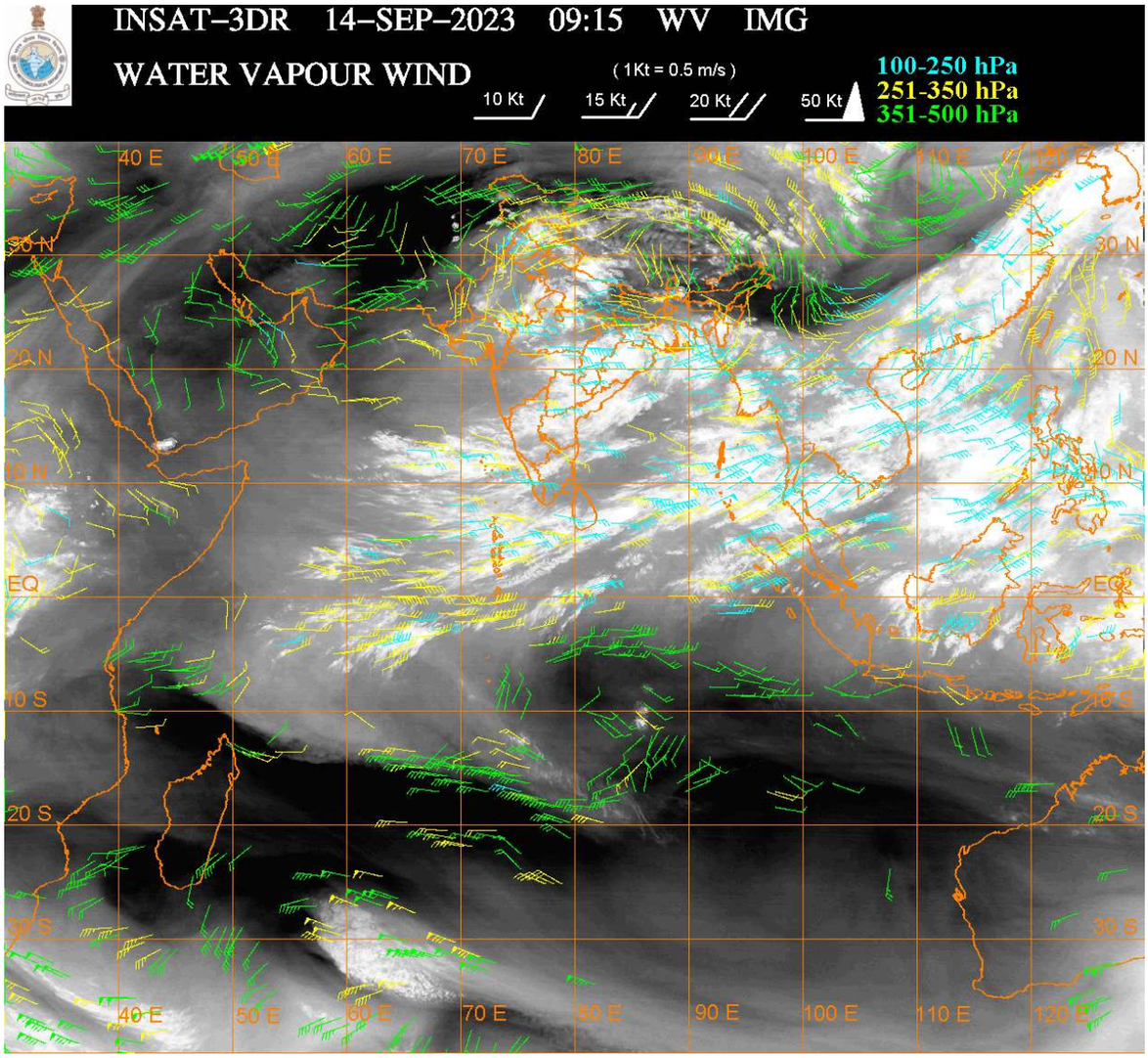
SALIENT FEATURES:-

VORTEX (WML) OVER NORTH-EAST ORISSA & N/HOOD:-

VORTEX (WML) OVER NE ORS & N/HOOD (.) CENTER NOT WELL DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT OVER W GWB S JHRKND ORS CHTGH (.) MINIMUM CTT MINUS 93 DEG CEL (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER HP UTRKND NE PJB CENTRAL UP S JHRKND CHTGH ORS GWB NE BHR N SHWB EXT S ASSAM SW MANI MIZO TRP SE RAJ MP VID TLNGN ANDAMAN & NICOBAR ILS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER HP UTRKND NE PJB (MINIMUM CTT MINUS 85 DEG CEL) CENTRAL UP (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW J&K SE LADAKH AND ISOL WK TO MOD CONVTN OVER REST LADAKH REST J&K REST PJB HARY REST UP (.) SCT LOW/MED CLOUDS OVER DLH (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S JHRKND WC GWB N CHTGH N ORS EXT S ASSAM SW MANI MIZO TRP & S BD (MINIMUM CTT MINUS 93 DEG CEL) NE BHR N SHWB (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT NW BHR S CHTGH S ORS REST GWB E MEGHA W ARUPR AND ISOL WK TO MOD CONVTN OVER N JHRKND SKM S SHWB E ARUPR W ASSAM (.) SCT LOW/MED CLOUDS OVER REST BHR REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE RAJ MP VID (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST RAJ EXT NE GUJ AND WK TO MOD CONVTN OVER REST GUJ REST MAHA GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E TLNGN ANDAMAN & NICOBAR ILS (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK W TLNGN COTL AP RYLSM KER N TN LKSDP ILS AND WK CONVTN OVER S TN (.)

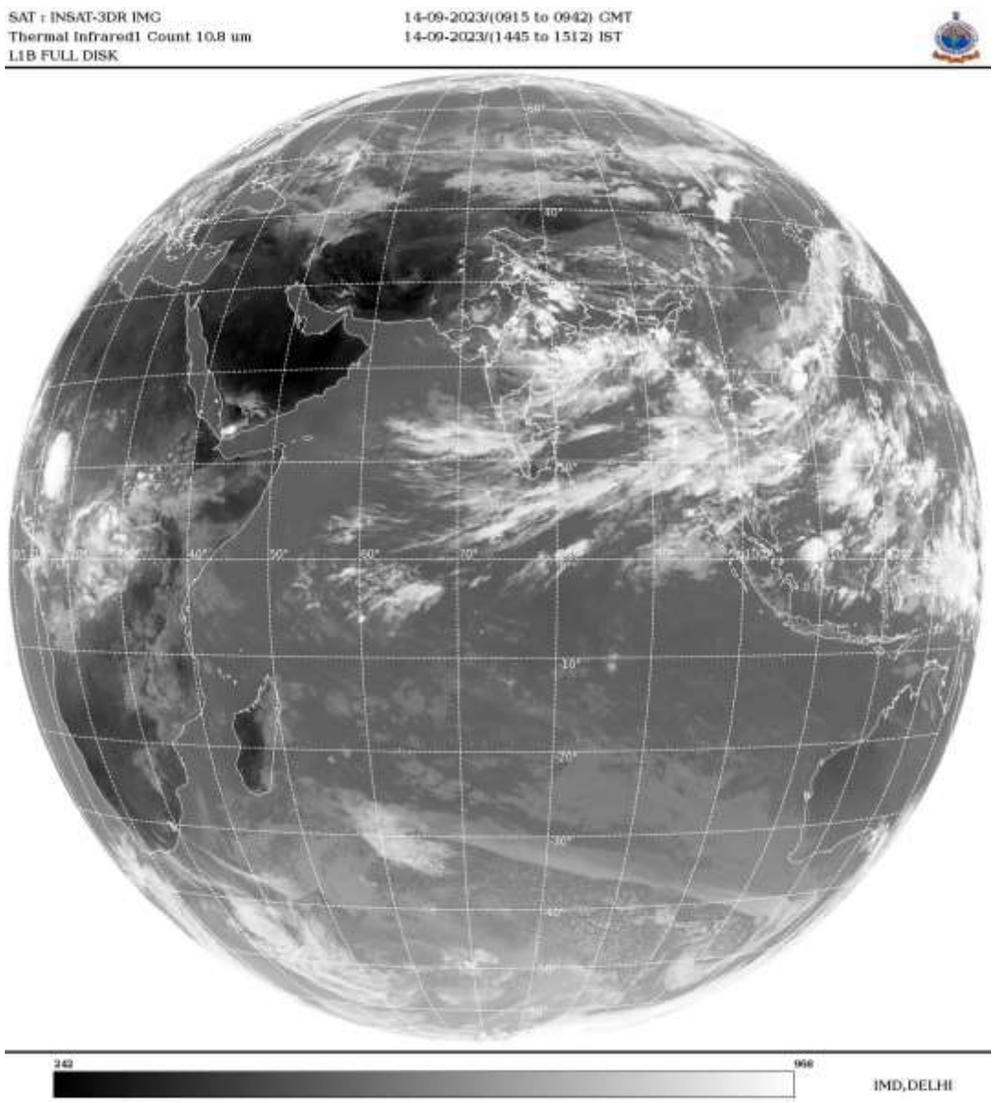
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & 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 BAY ANDAMAN SEA ARAKAN COAST GULF OF MARTABAN AND TENASSERIM COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES PAK MEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA ADJ W COAST STR OF MALACCA MALASIYA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 6.5S LONG 53.0E TO 100.0E (.)

TOO 14/1545 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**