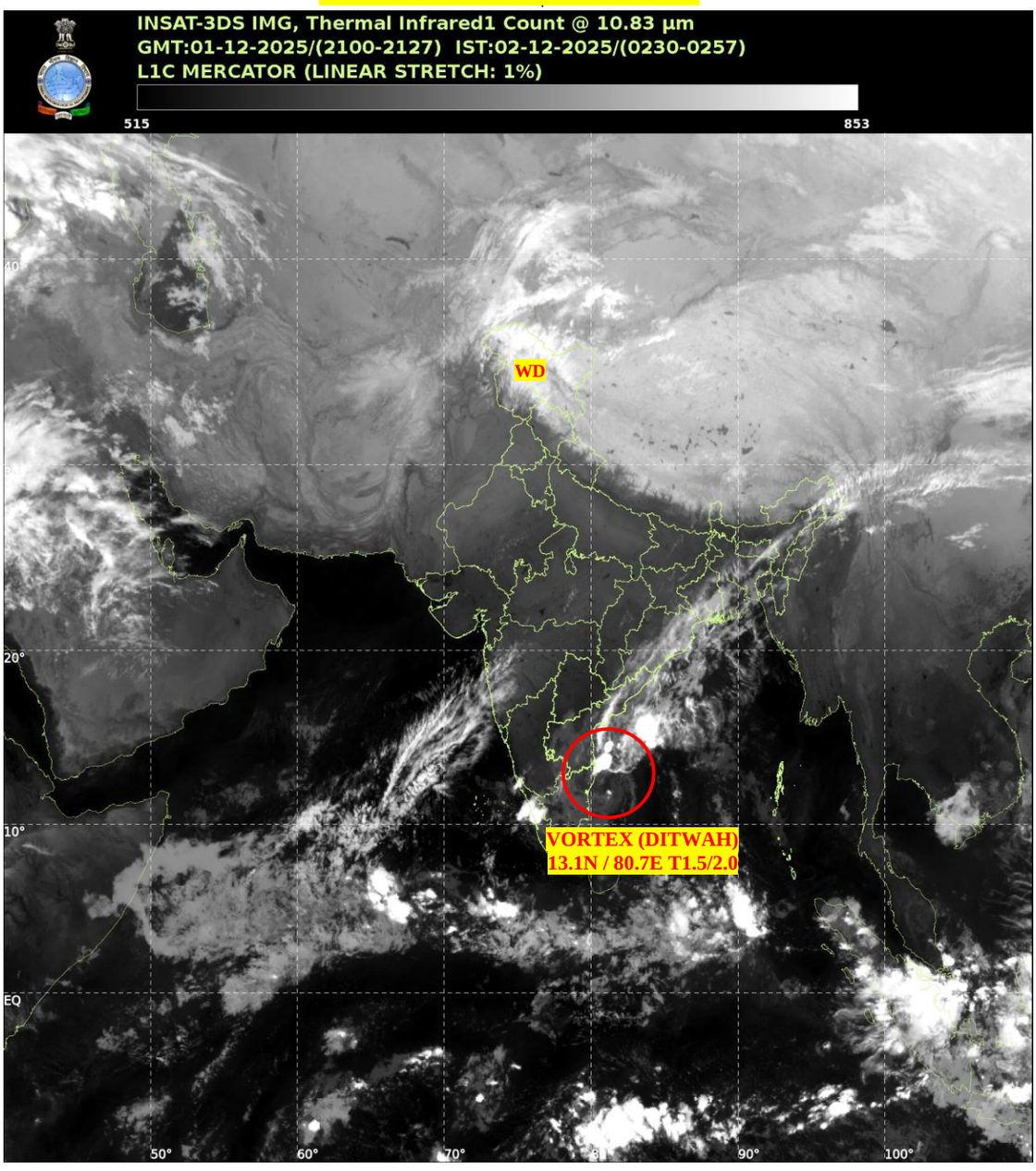
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

01.12.2025 TIME 2100 UTC



TCIN50 DEMS 012100
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 012100 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

VORTEX (DITWAH) OVER WEST-CENTRAL ADJ SOUTH-WEST BAY OFF NORTH TAMIL NADU- PUDUCHERRY COASTS & N/HOOD:-

VORTEX (DITWAH) OVER WC ADJ SW BAY OFF NORTH TAMIL NADU- PUDUCHERRY COASTS & N/HOOD CENTERED NEAR 13.1N / 80.7E (.) INTENSITY T1.5/2.0 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER WC BAY COTL AP E ORS (MINIMUM CTT MINUS 70-90 DEG CEL) MODERATE TO INTENSE CONVECTION OVER SE JHRKND GWB W ORS SW BAY (MINIMUM CTT MINUS 50-70 DEG CEL) AND WEAK TO MODERATE CONVECTION OVER RYLSM N TN (MINIMUM CTT MINUS 25-40 DEG CEL) (.)

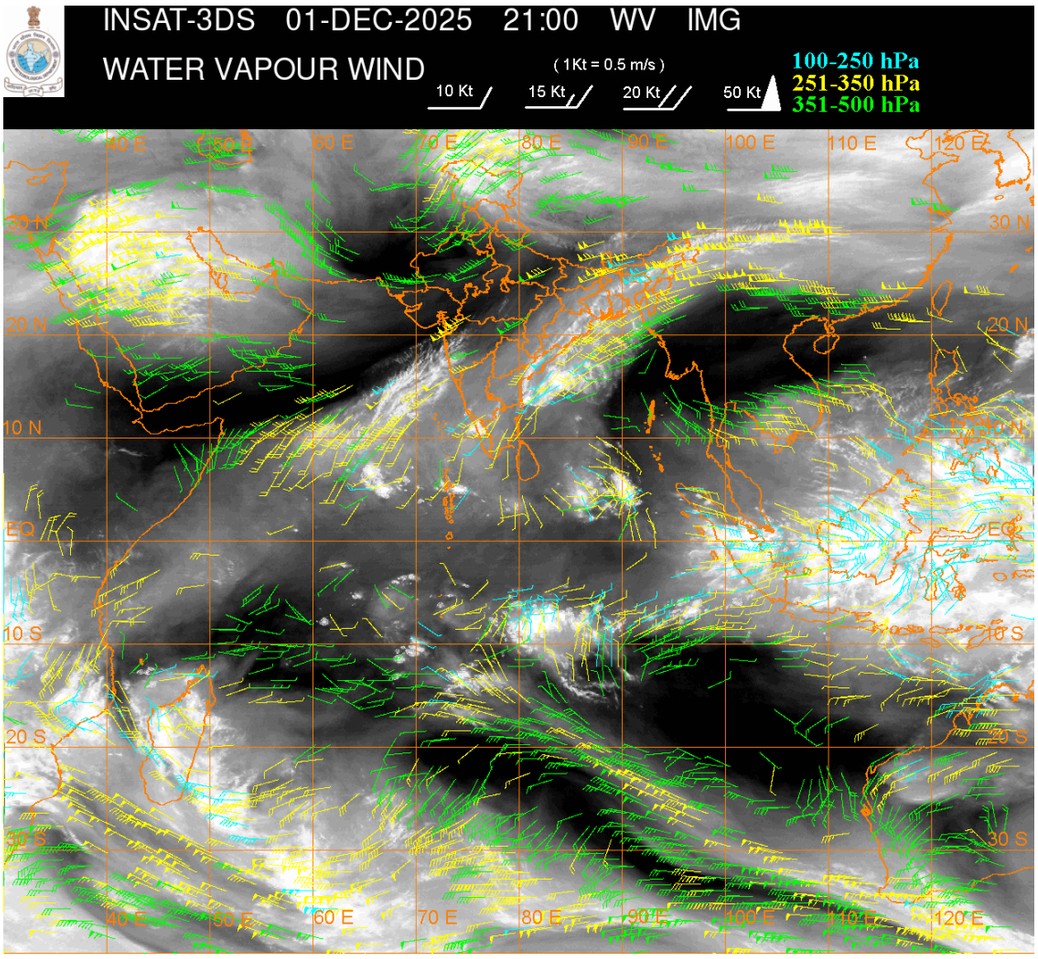
CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER E ORS N COTL AP N KER ADJ SOUTH SIK S TN (MINIMUM CTT MINUS 60-80 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K N HP SHWB SKM ARUPR ASSAM MEGHA NAGA (MINIMUM CTT MINUS 40-60 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP UTRKND IN ASSW WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K N HP NORTH UTRKND E UP (.) ISOL TO SCT LOW/MED CLOUDS OVER S HP S UTRKND (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ORS GWB SKM ARUPR ASSAM & BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NW BHR E JHRKND N CHTGH SKM REST NE STATES (.) ISOL TO SCT LOW/MED CLOUDS OVER W JHRKND S CHTGH SHWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E MP VID N KKN NORTH MADHYA MAHA (.) SCT LOW/MED CLOUDS OVER RAJ REST MAHA (.)

SOUTH:-

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

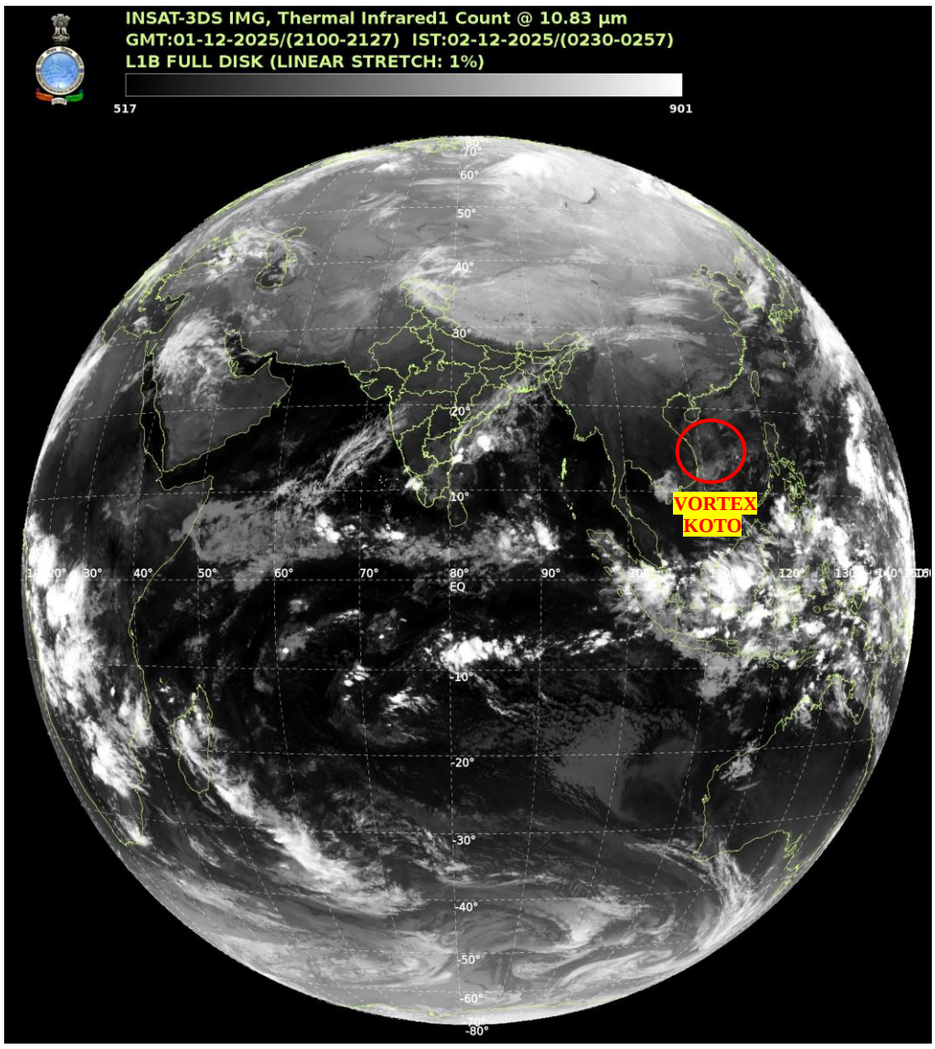
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA MALDIVES & COMORIN AREA AND WK TO MOD CONVTN OVER CENTRAL ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW & SOUTH BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (KOTO) OVER SOUTH CHINA SEA & N/HOOD:-

VORTEX (KOTO) OVER SOUTH CHINA SEA & N/HOOD (AREA F05) CENTERED NEAR 14.0N / 111.3E (.) INTENSITY T1.5/1.5 (.) MAXIMUM SUSTAINED WINDS 17-27 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER AREA BET LAT 11.0N TO 18.0N LONG 109.0E TO 115.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES NEPAL BHUTAN TIBET CHINA EAST CHINA SEA NORTH MYANMAR SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 50.0E TO 110.0E (.)

TOO 02/0520 HRS IST=

NNNN

LEGEND:-

REGION	**NORTH**	**J&K HP UTRKND PJB HARY DLH UP**
	EAST	**BHR JHRKND CHTGH ORS 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 –25ºC)**
	MOD CONVTN	**MODERATE CONVECTION (CTT BETWEEN -25ºC TO -40ºC)**
	INT CONVTN	**INTENSE CONVECTION (CTT BETWEEN -41ºC TO -70ºC)**
	V INT CONVTN	**VERY INTENSE CONVECTION (CTT LESS THAN -70ºC)**
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES	**J&K**	**JAMMU AND KASHMIR**
	HP	**HIMACHAL PRADESH**
	UTRKND	**UTTARAKHAND**
	PJB	**PUNJAB**
	HARY	**HARYANA**
	DLH	**DELHI**
	BHR	**BIHAR**
	JHRKND	**JHARKHAND**
	CHTGH	**CHHATTISGARH**
	ORS	**ODISHA**
	GWB	**GANGETIC WEST BENGAL**
	SHWB	**SUB-HIMALAYAN WEST BENGAL**
	SKM	**SIKKIM**
	ARUPR	**ARUNACHAL PRADESH**
	ASSAM	**ASSAM**
	MEGHA	**MEGHALAYA**
	NAGA	**NAGALAND**
	MANI	**MANIPUR**
	MIZO	**MIZORAM**
	TRP	**TRIPURA**
	RAJ	**RAJASTHAN**
	MP	**MADHYA PRADESH**
	GUJ	**GUJARAT**
	SAU & KUTCH	**SAURASHTRA & KUTCH**
	MAHA	**MAHARASHTRA**
	M MAHA	**MADHYA MAHARASHTRA**
	MRTHWD	**MARATHWADA**
	VID	**VIDARBHA**
	KKN	**KONKAN**
	TLNGN	**TELANGANA**
	RYLSM	**RAYALASEEMA**
	COTL AP	**COASTAL ANDHRA PRADESH**
	NIK	**NORTH INTERIOR KARNATAKA**
	SIK	**SOUTH INTERIOR KARNATAKA**
	COTL KRNTK	**COASTAL KARNATAKA**

	KER	**KERALA**
	TN	**TAMILNADU**
	LKSDP	**LAKSHADWEEP**
	ILS	**ISLANDS**
	ARSEA	**ARABIAN SEA**
MISCELLANEOUS	**ASSW**	**IN ASSOCIATION WITH**
	ASSTD	**ASSOCIATED**
	LLC	**LOW LEVEL CIRCULATION**
	EMBDD	**EMBEDDED**
	N/HOOD	**NEIGHBOURHOOD**
	EXT	**EXTREME**