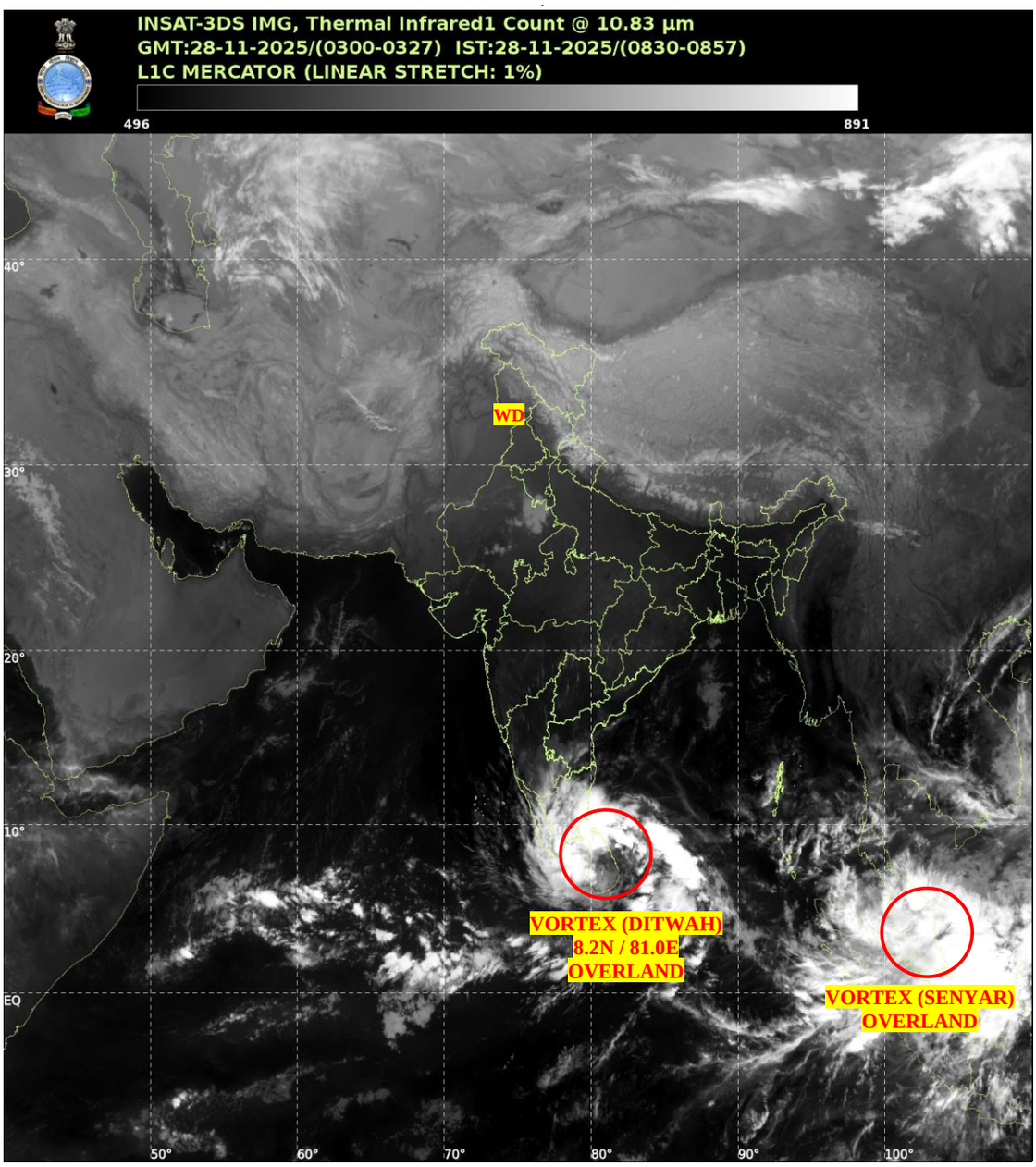
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
28.11.2025 TIME 0300 UTC



TCIN50 DEMS 280300
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 280300 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

VORTEX (DITWAH) OVER SRI LANKA COAST ADJOINING SOUTH-WEST BAY & N/HOOD:-

VORTEX (DITWAH) OVER SRI LANKA COAST ADJOINING SOUTH-WEST BAY & N/HOOD CENTERED NEAR 8.2N / 81.0E (.) OVERLAND (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SOUTH-WEST BAY SRI LANKA PALK STR GULF OF MANNAR KER TN COMORIN AREA (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

VORTEX (SENYAR) OVER MALAYSIA ADJOINING STRAIT OF MALACCA:-

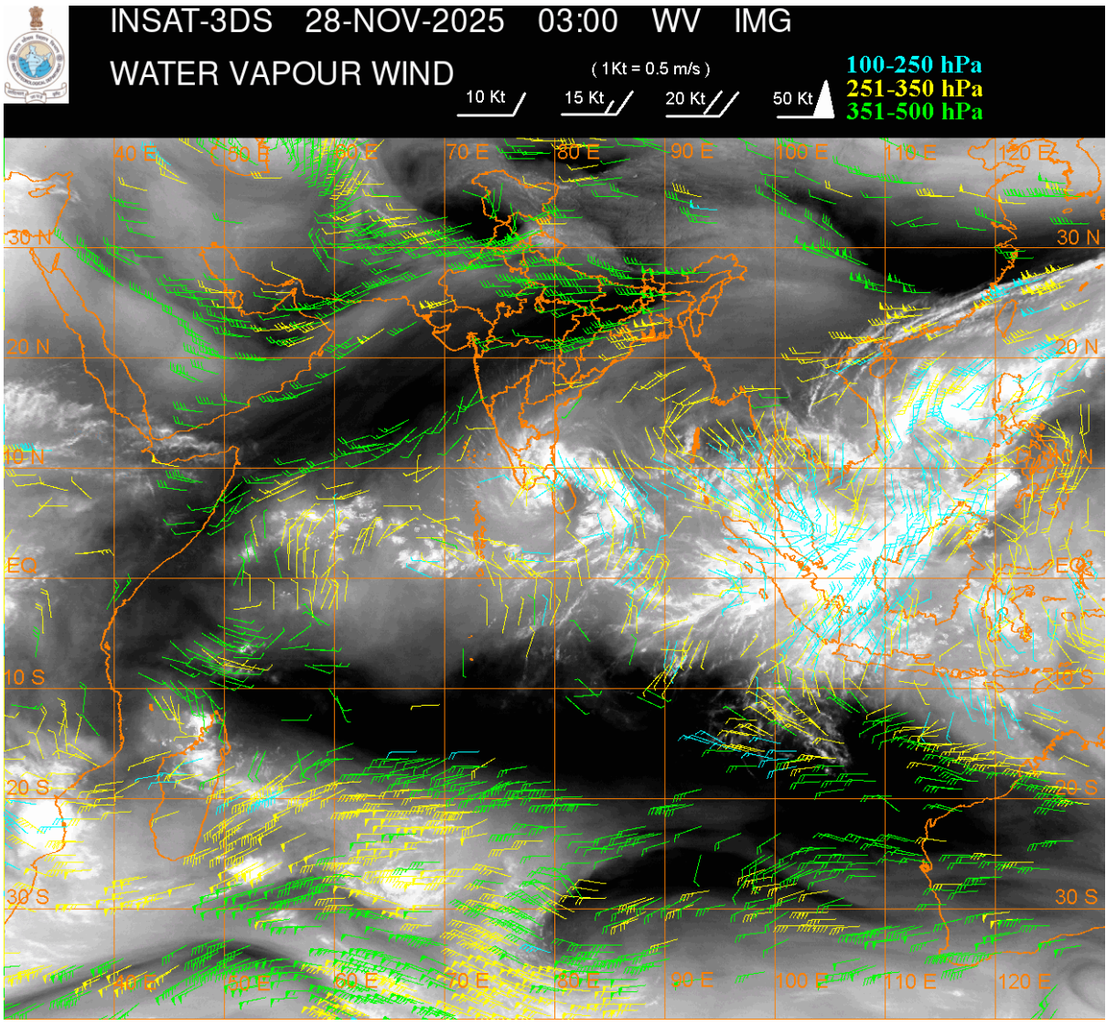
VORTEX (SENYAR) OVER MALAYSIA ADJOINING STRAIT OF MALACCA (.) OVERLAND (.) CENTER NOT CLEARLY DEFINED IN SATELLITE IMAGERY (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SUMATRA STRAIT OF MALACCA & MALAY PENINSULA (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER KER TN ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 60-80 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND PJB S HARY IN ASSW WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER CHTGH ORS SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER E RAJ (.) ISOL TO SCT LOW/MED CLOUDS OVER W RAJ GUJ MAHA GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE CONVTN OVER KER TN ANDAMAN & NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LKSDP ILS AREA (.) SCT LOW/MED CLOUDS OVER KRNTK TLNGN RYLSM COTL AP (.)

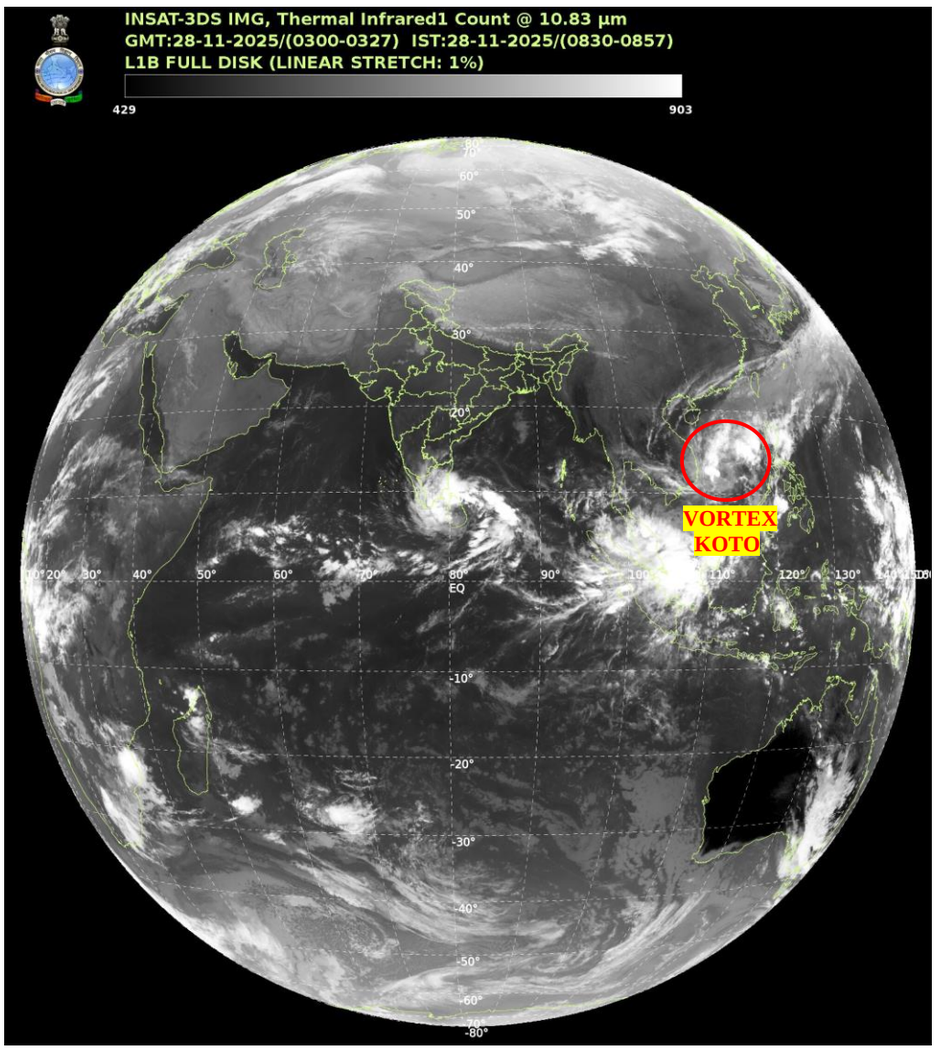
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA AND COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LKSDP ILS AND MALDIVES AREA (.) SCT LOW/MED CLOUDS OVER NW &WC ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ANDAMAN SEA AND ISOL WK CONVTN OVER NORTH & CENTRAL 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 12.3N / 112.9E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 48-63 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0N TO 20.0N LONG 110.0E TO 120.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA EAST CHINA SEA TAIWAN THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN 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 15.0S LONG 50.0E TO 110.0E AND BET LAT 20.0S TO 35.0S LONG 50.0E TO 80.0E (.)

TOO 28/0950 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**