



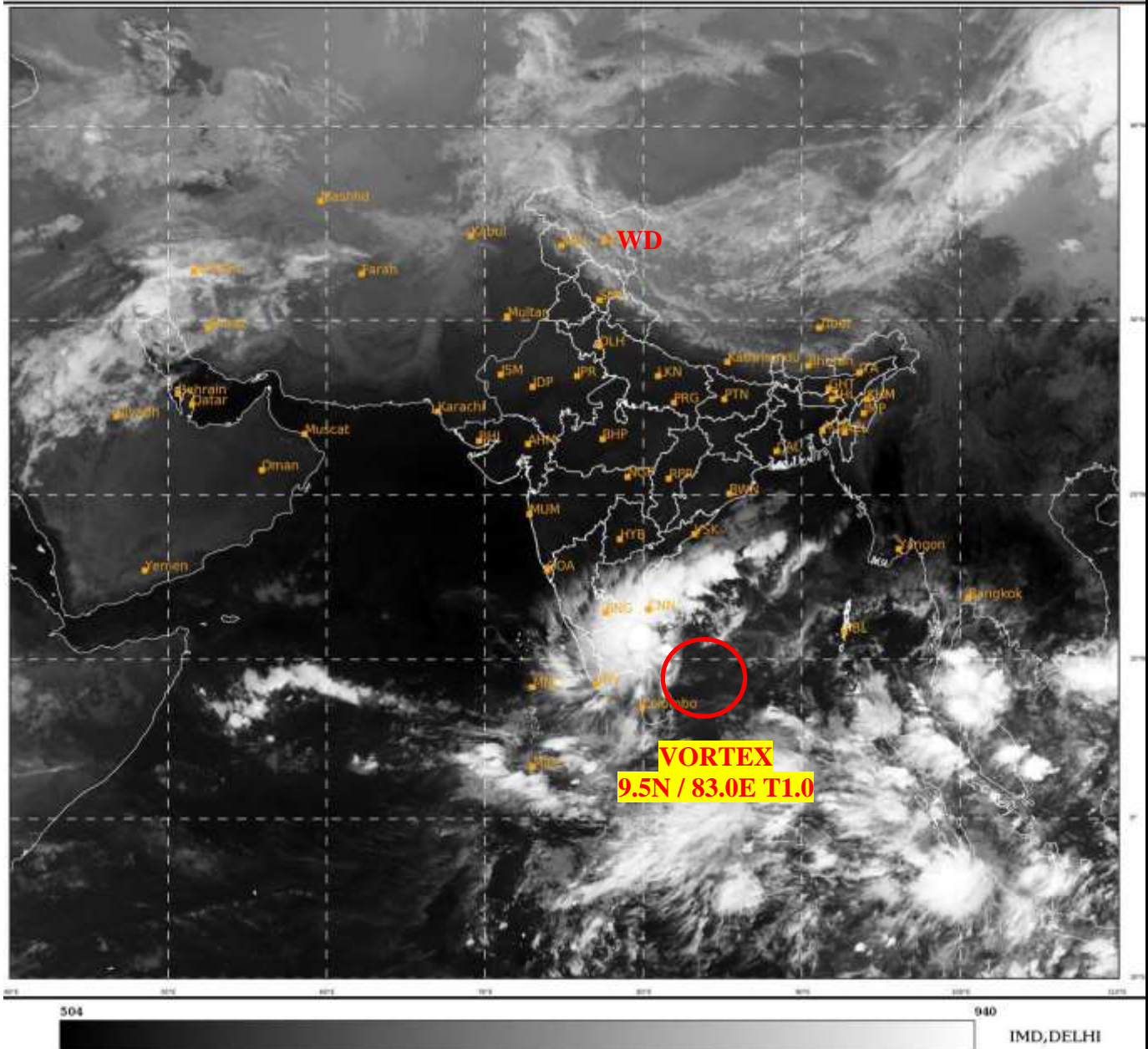
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
11.11.2022 TIME 0300 UTC**

SAT : INSAT-3D IMG
IMG TIR1 10.8 um
LIC Mercator

11-11-2022/(0300 to 0326) GMT
11-11-2022/(0830 to 0856) IST



TCIN50 DEMS 110300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 110300 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 SOUTH-WEST BAY OFF EAST SRI LANKA COAST & N/HOOD :-

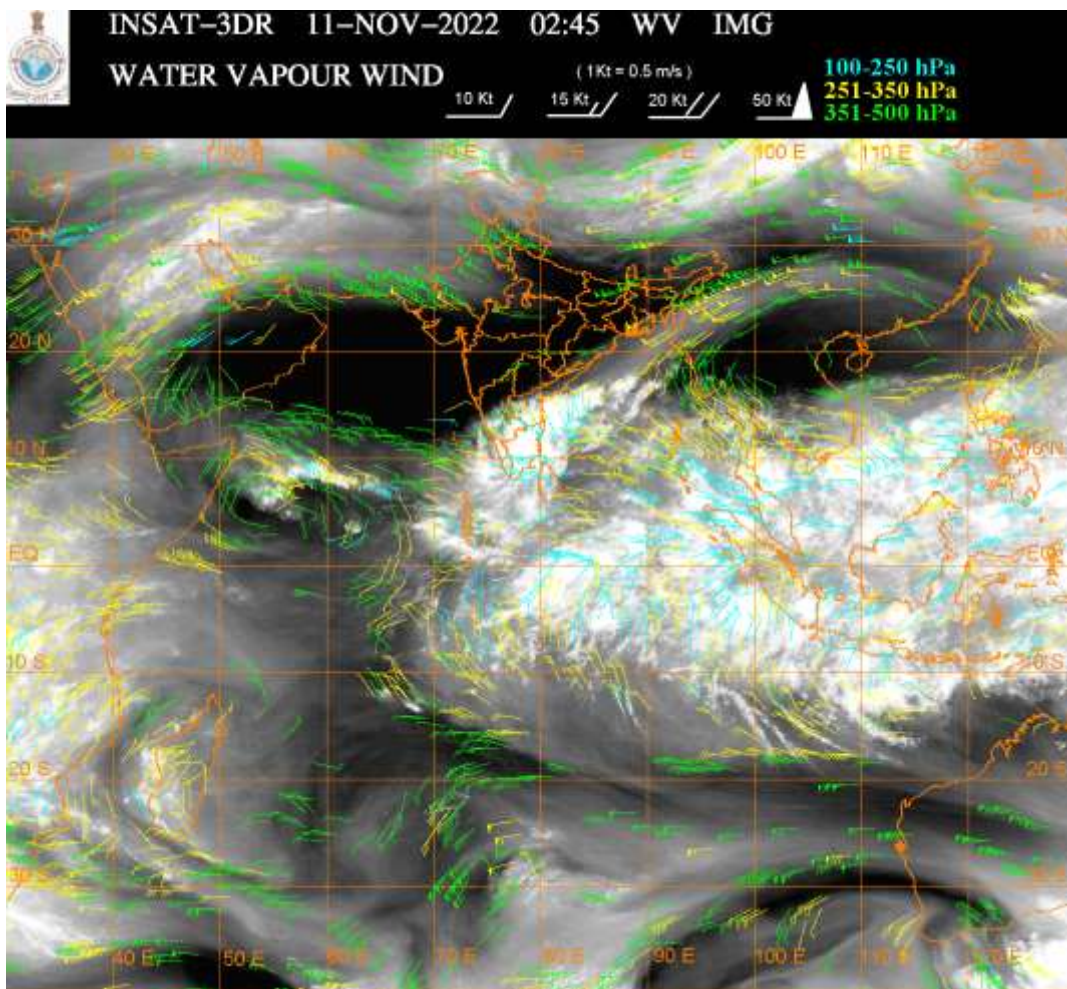
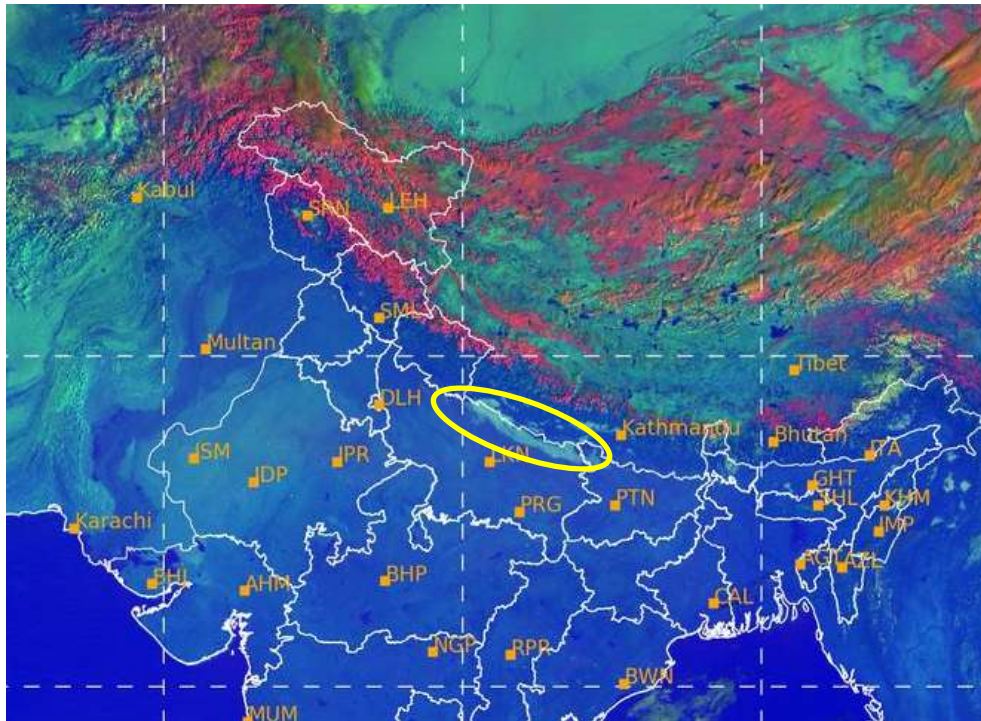
VORTEX (WML) OVER SW BAY OFF E SRI LANKA COAST & N/HOOD CENTERED WITHIN HALF A DEGREE OF **9.5N / 83.0E** (.) INTENSITY **T1.0** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW ADJ WC BAY SRI LANKA PALK STR GULF OF MANNAR TN & N/HOOD (.) MINIMUM CTT MINUS **93** DEG CELSIUS (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER E LADAKH TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

FOG/LOW CLOUDS :-

DAY MICROPHYSICS OF INSAT-3D AT 0300 UTC INDICATES FOG/LOW CLOUDS OVER N UP ADJ S NEPAL (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SKM ARUPR S MANI N MIZO (.) SCT LOW/MED CLOUDS OVER N SHWB REST NE STATES (.)

WEST:-

NO SIGNIFICANT CLOUDS OVER THE REGION(.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE TN (MINIMUM CTT **MINUS 93 DEG CEL**) S RYLSM S COTL AP REST TN (MINIMUM CTT **MINUS 85 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH SIK KER (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S COTL KRNTK NORTH SIK NORTH RYLSM LKSDP ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER LKSDP ILS (.)

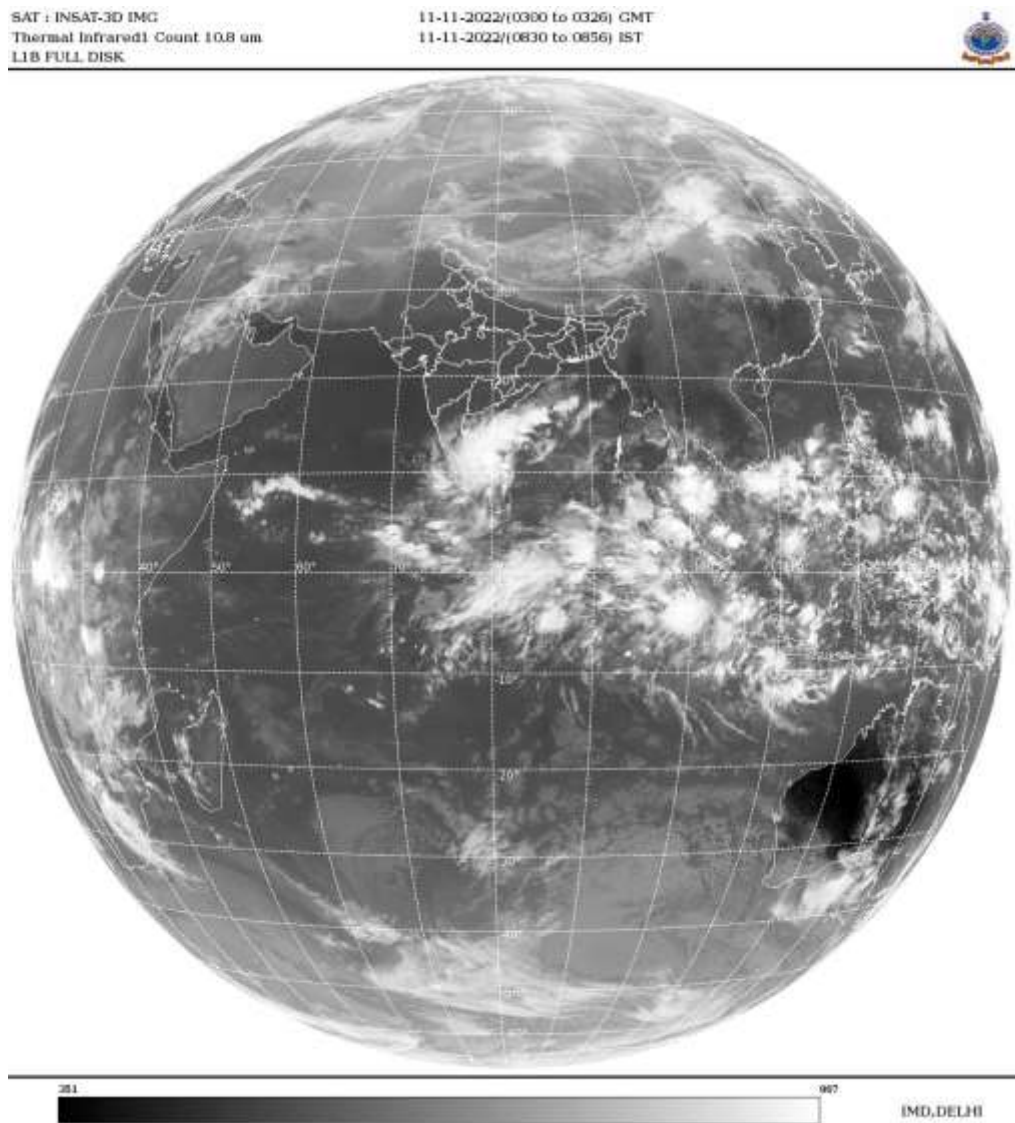
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ARSEA & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL BAY SW BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY S ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NORTH BAY N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA YELLOW SEA E CHINA SEA S THAILAND GULF OF THAILAND CAMBODIA 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 65.0E TO 120.0E (.)

TOO 11/0945 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 TERRITORIES	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
	UTRKN	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