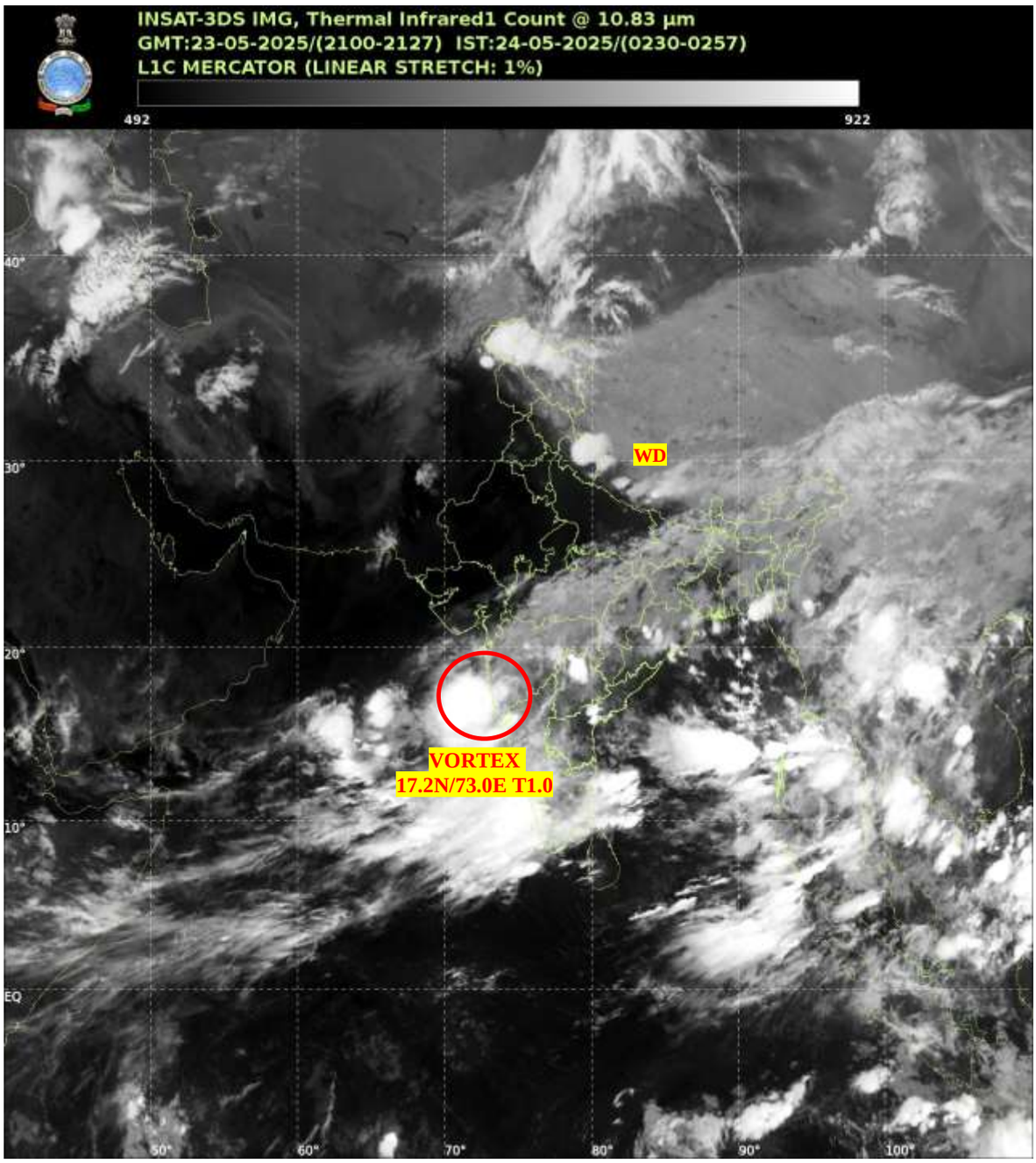
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
23.05.2025 TIME 2100 UTC



TCIN50 DEMS 232100
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 232100 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

VORTEX OVER EC ARSEA OFF KONKAN COAST & N/HOOD:-

VORTEX OVER EAST-CENTRAL ARSEA OFF KONKAN COAST & N/HOOD CENTERED WITHIN HALF A DEGREE OF 17.2N/73.0E (.) INTENSITY T1.0 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER EC ARSEA & KKN ADJ GOA (MINIMUM CTT MINUS 60-90 DEG CEL) (.)

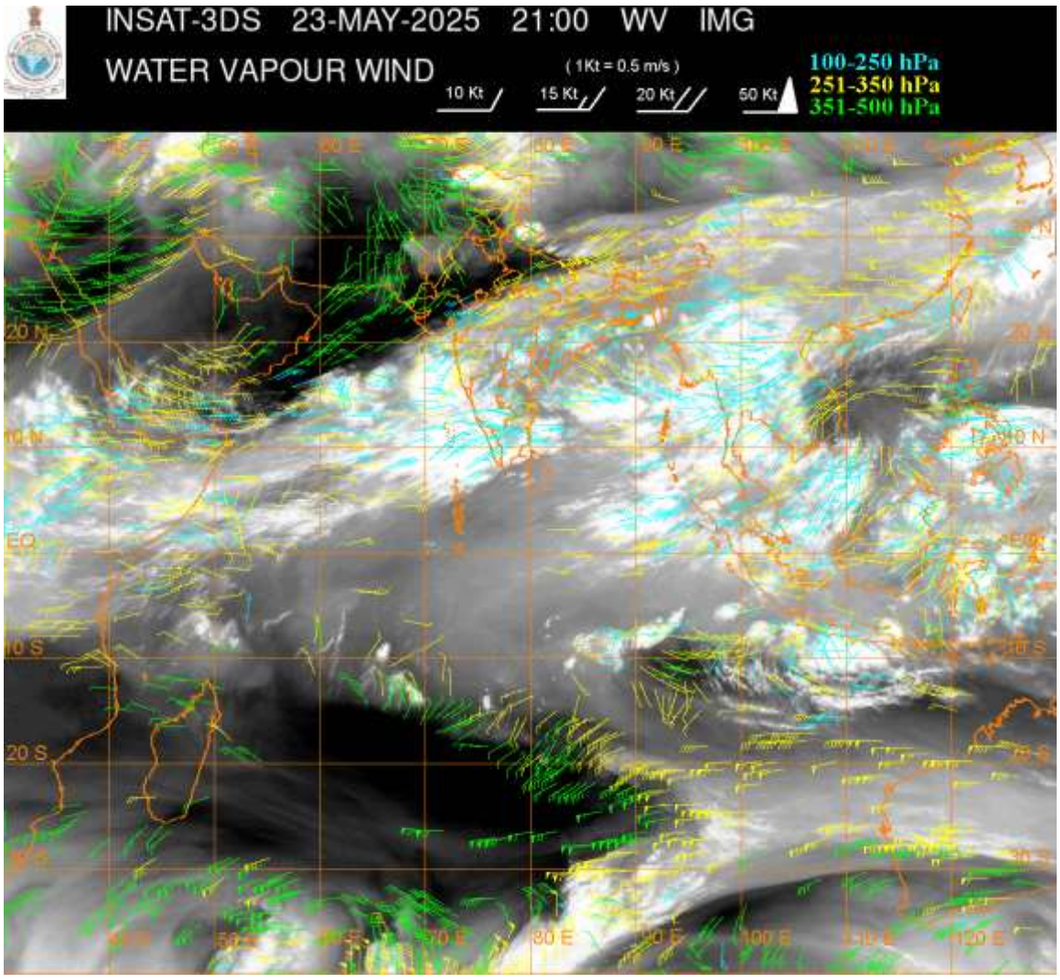
WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER NEPAL TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER KONKAN GOA KER N TLNGN CENTRAL COTL AP LKSDP ILS ANDAMAN & NICOBAR ILS (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K UTRKND MP REST MAHA ORS KRNTK TN (MINIMUM CTT MINUS 50-60 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP UTRKND (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SE UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR JHRKND CHTGH ORS AND WK TO MOD CONVTN OVER SHWB SKM GWB NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KKN GOA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MP REST MAHA AND WK TO MOD CONVTN OVER S GUJ (.)

SOUTH:-

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

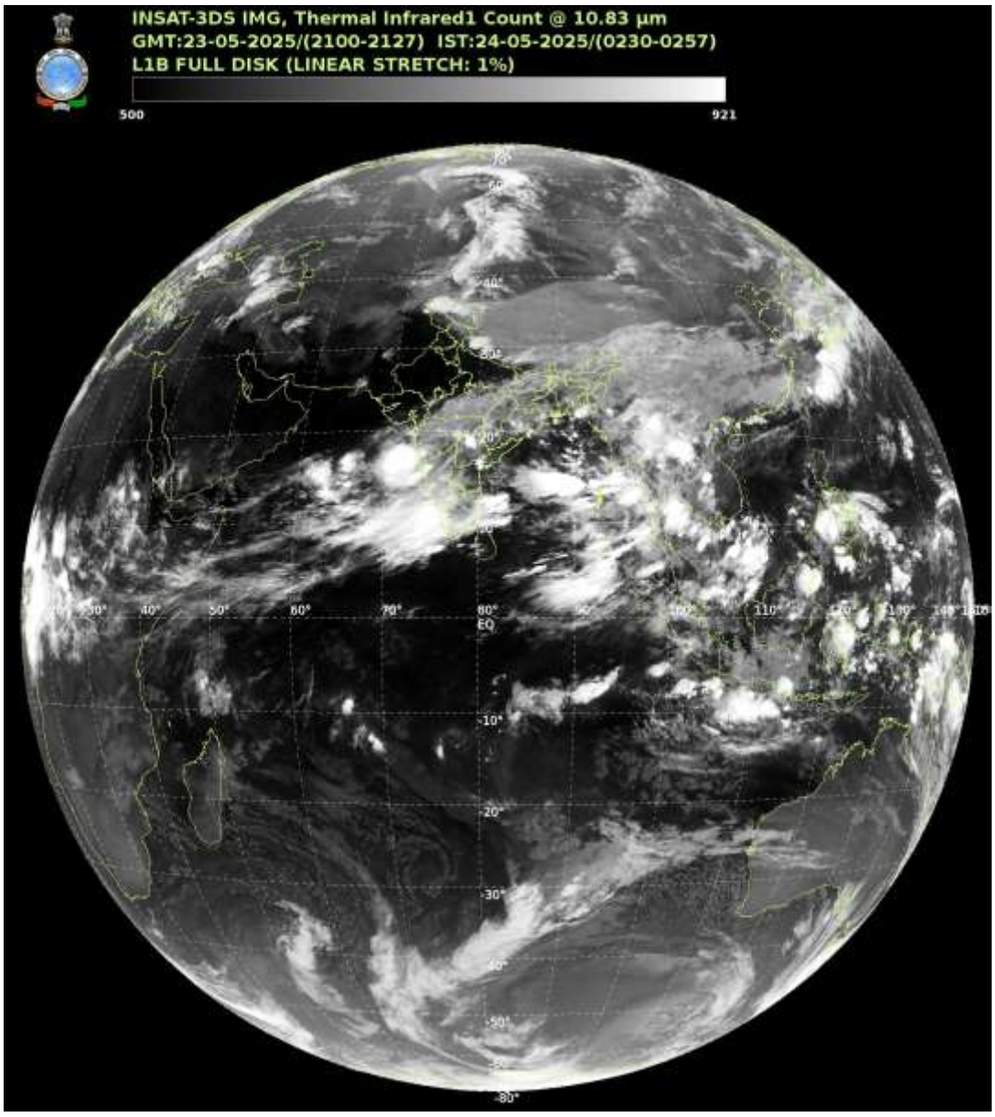
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH & CENTRAL ARSEA OFF KKN-GOA-KRNTK-KER COASTS LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF CAMBAY MALDIVES AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL BAY SOUTH BAY & ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRILANKA N MALDIVES N PAK NEPAL TIBET CHINA YELLOW SEA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 35.0S LONG 60.0E TO 110.0E (.)

TOO 24/0540 EF=

NNNN

LEGEND:-

REGION	**NORTH**	**J&K HP PJB HARY DLH UP UTRKND**
	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	**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**