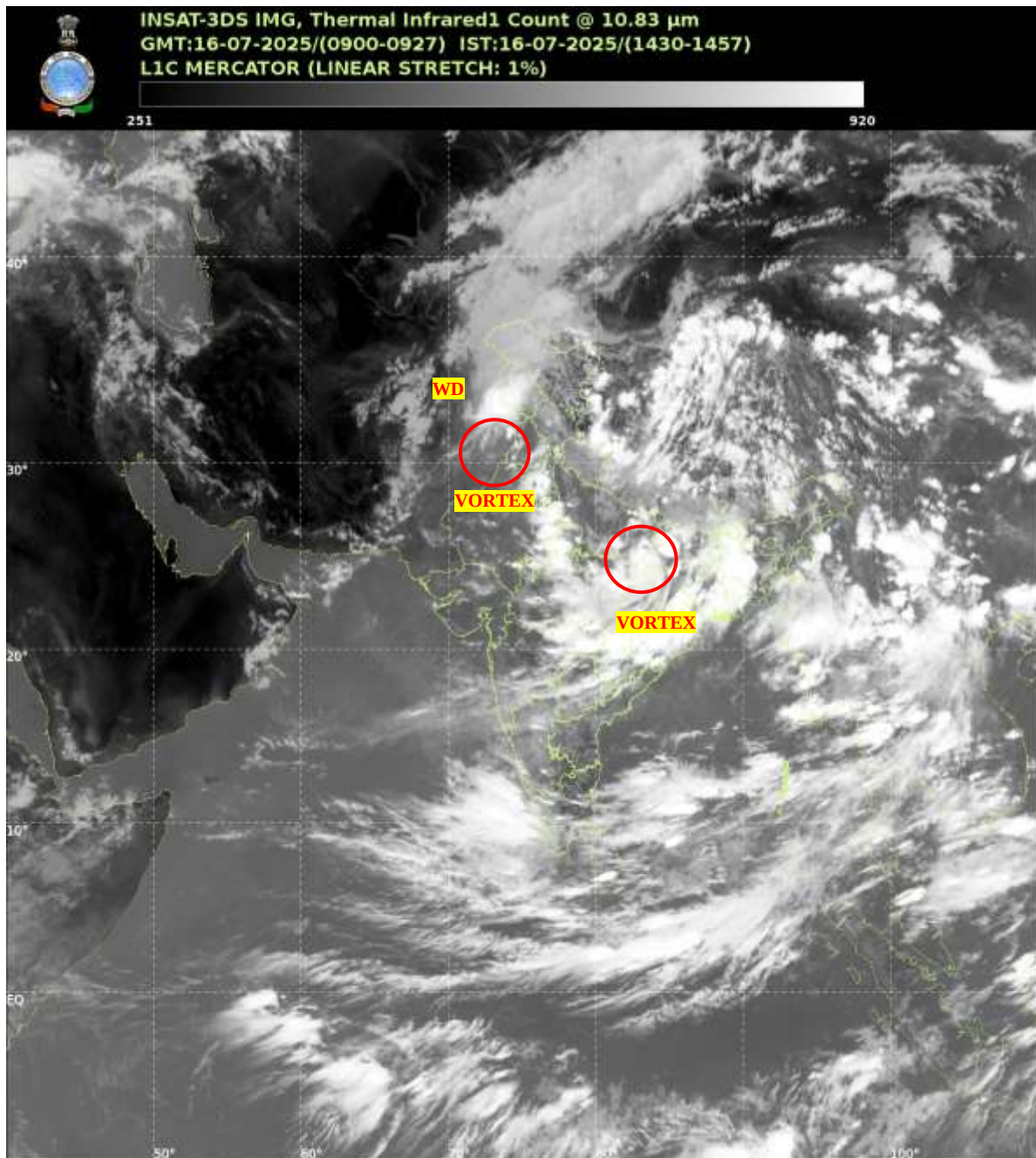




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
16.07.2025 TIME 0900 UTC



TCIN50 DEMS 160900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 160900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX OVER SOUTH-WEST BIHAR ADJ EAST UP AND N/HOOD:-

VORTEX OVER SW BHR ADJ E UP & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E UP MP BHR JHRKND CHTGH ORS GWB SHWB & BD (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

VORTEX OVER CENTRAL PAKISTAN & N/HOOD:-

VORTEX OVER CENTRAL PAK & N/HOOD (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH PAK J&K (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER LADAKH PJB (MINIMUM **CTT MINUS 40-50 DEG CEL**) (.)

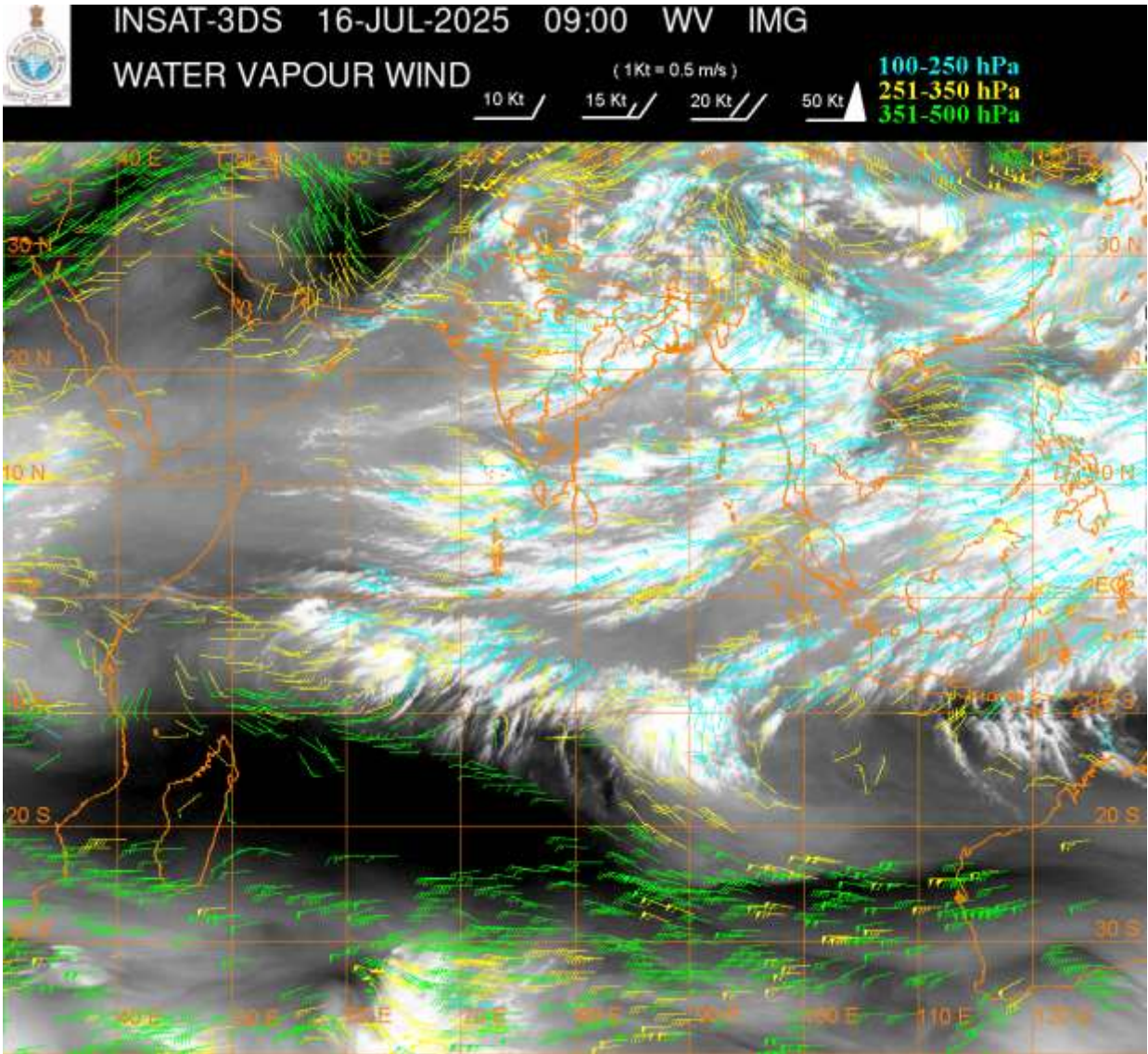
WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER PAK LADAKH J&K HP PJB HARY UTRKND TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER J&K HARY NE RAJ SOUTH UP MP BHR JHRKND CHTGH ORS GWB SHWB BD & LKSDP ILS AREA (MINIMUM CTT MINUS 70-90 DEG CEL (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER PJB N UP VID TLNGN KER TN SKM NE STATES ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 50-70 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER J&K S UP AND MOD TO INT CONVTN OVER LADAKH PJB HARY N UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER HP UTRKND DLH (.)

EAST:-

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

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE RAJ MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST RAJ VID AND WK TO MOD CONVTN OVER REST MAHA GUJ & GOA (.)

SOUTH:-

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

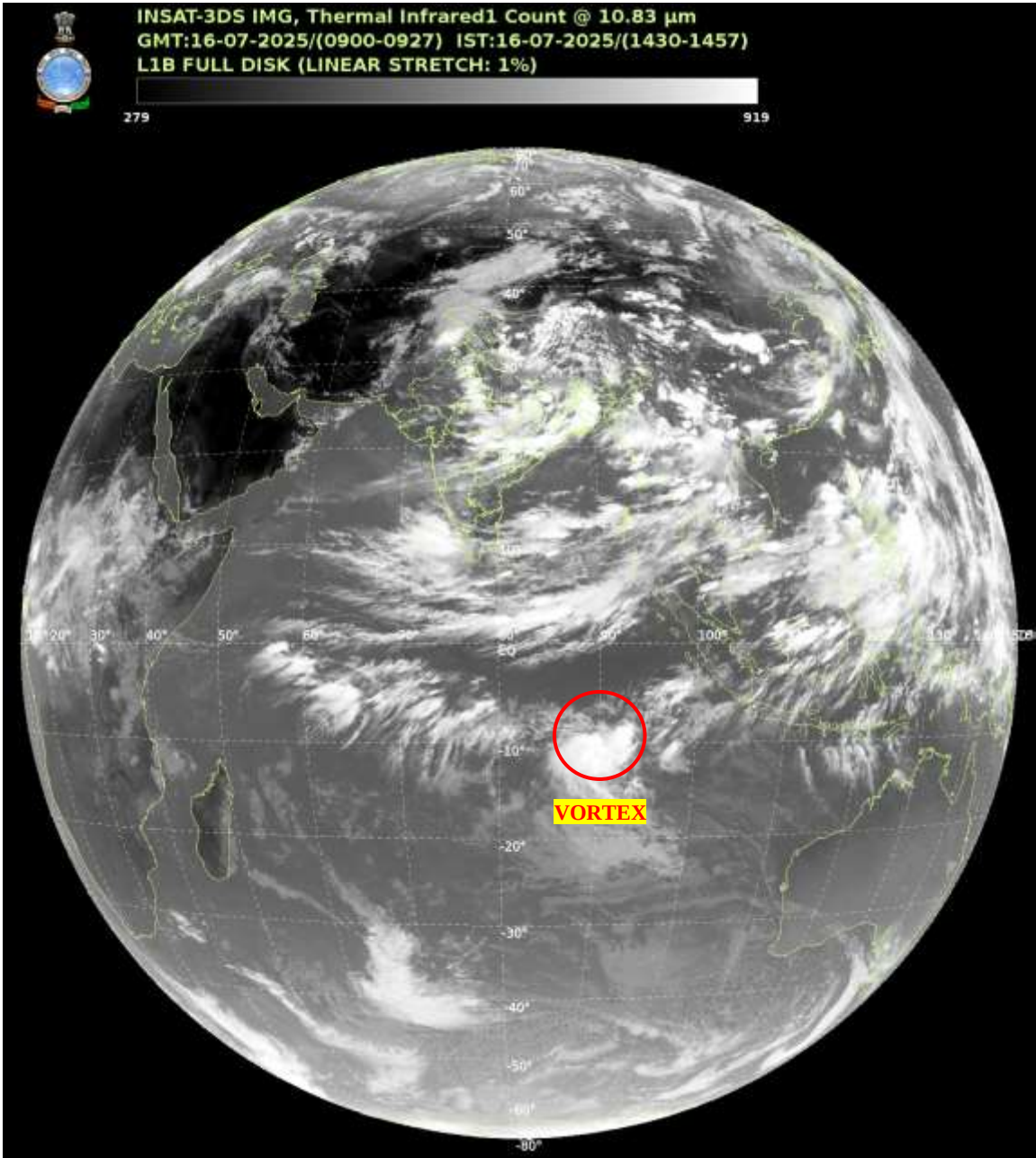
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ADJ EC ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ADJ CENTRAL BAY ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX OVER S INDIAN OCEAN (AREA E75 ADJ E70):-

VORTEX OVER SOUTH INDIAN OCEAN (AREA E75 ADJ E70) CENTERED NEAR 9.3S/89.7E (.) INTENSITY T2.0 (.) MAXIMUM SUSTAINED WINDS 28-33 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVTN OVER AREA BET LAT 7.0S TO 17.0S AND LONG 85.0E TO 95.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES PAK NEPAL BHUTAN 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 SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 55.0E TO 105.0E AND BET LAT 10.0S TO 20.0S LONG 80.0E TO 100.0E (.)

TOO 16/1520 EF=

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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 -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