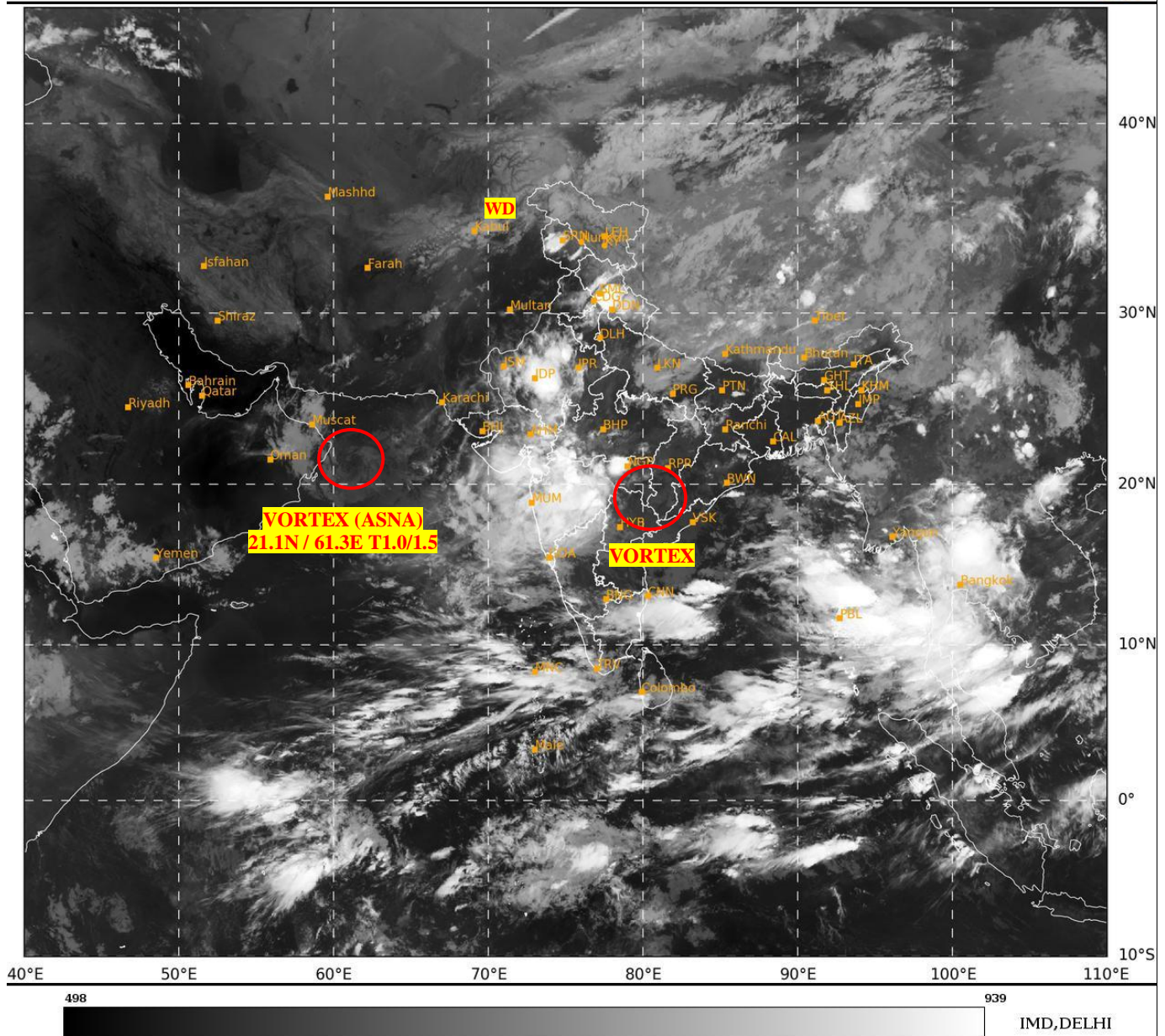




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
02.09.2024 TIME 0000 UTC

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

02-09-2024/(0015 to 0042) GMT
02-09-2024/(0545 to 0612) IST



TCIN50 DEMS 020000

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 020015 UTC (.)

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

SALIENT FEATURES:-

VORTEX (ASNA) OVER NORTH WEST ARABIAN SEA & N/HOOD:-

VORTEX (ASNA) OVER NORTH WEST ARSEA & N/HOOD CENTERED NEAR **21.1N / 61.3E** (.) INTENSITY **T1.0/1.5** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD WEAK CONVTN OVER NW ADJ WC ARSEA GULF OF OMAN & N OMAN (MINIMUM **CTT MINUS 20 DEG CEL**) (.)

VORTEX OVER SOUTH CHTGH ADJ VIDARBHA & N/HOOD:-

VORTEX OVER S CHTGH ADJ VID & N/HOOD (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER VID (MINIMUM **CTT MINUS 80 DEG CEL**) (.)

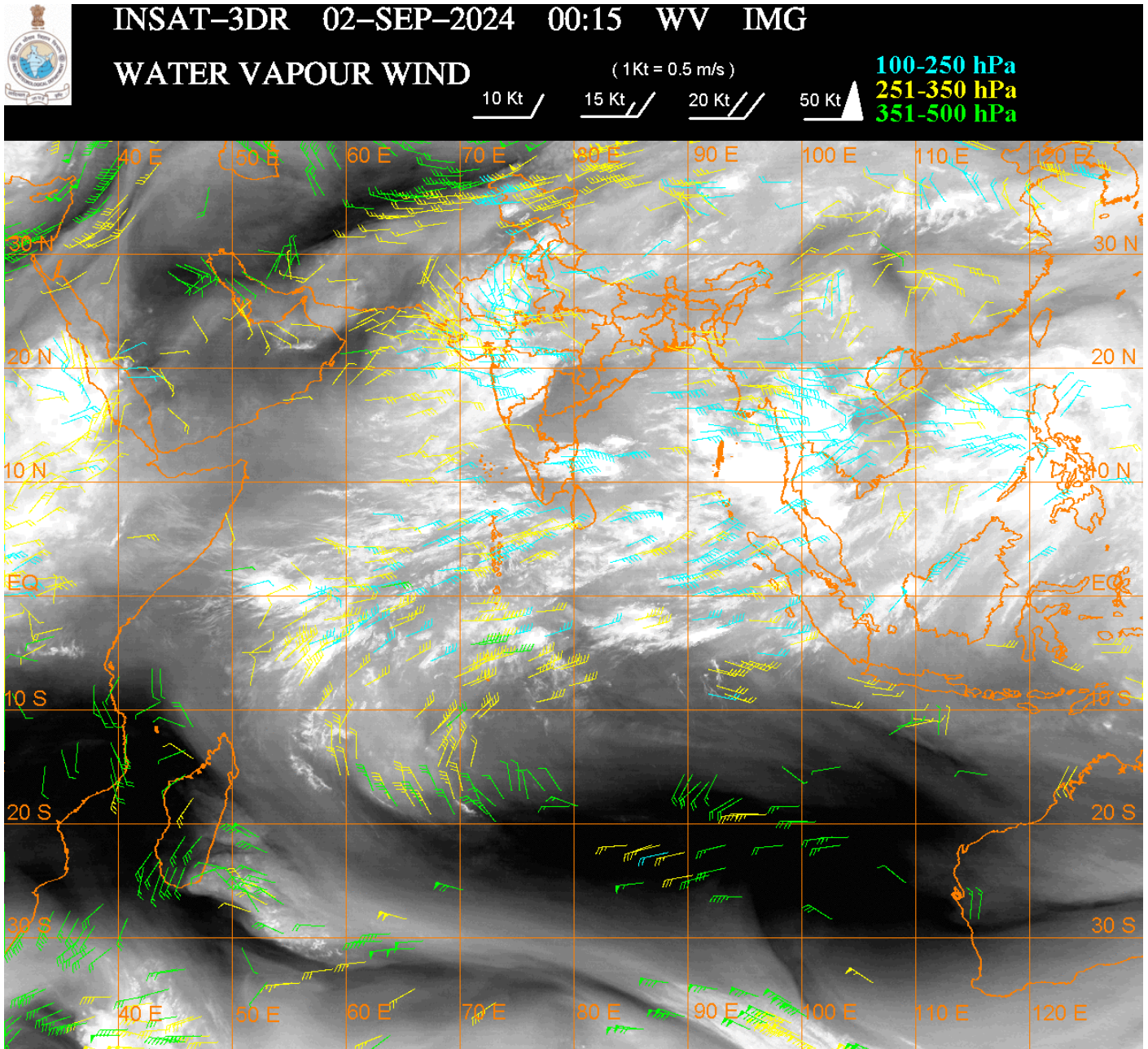
WESTERN DISTURBANCE (WD):-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S HP ADJ NE HARY W UTRKND CENTRAL RAJ SW MP E GUJ MAHA ANDAMAN ILS (MINIMUM CTT MINUS 70-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER J&K N HP E PJB REST HARY REST UTRKND REST GUJ GOA NIK N TN & NICOBAR ILS (MINIMUM CTT MINUS 50-70 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER C RAJ E GUJ SW MP MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST RAJ REST GUJ GOA AND WK TO MOD CONVTN OVER REST MP (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EAST ARSEA GULF OF CAMBAY LKSDP ILS MALDIVES & COMORIN AREA AND WK CONVTN OVER W ARSEA (.)

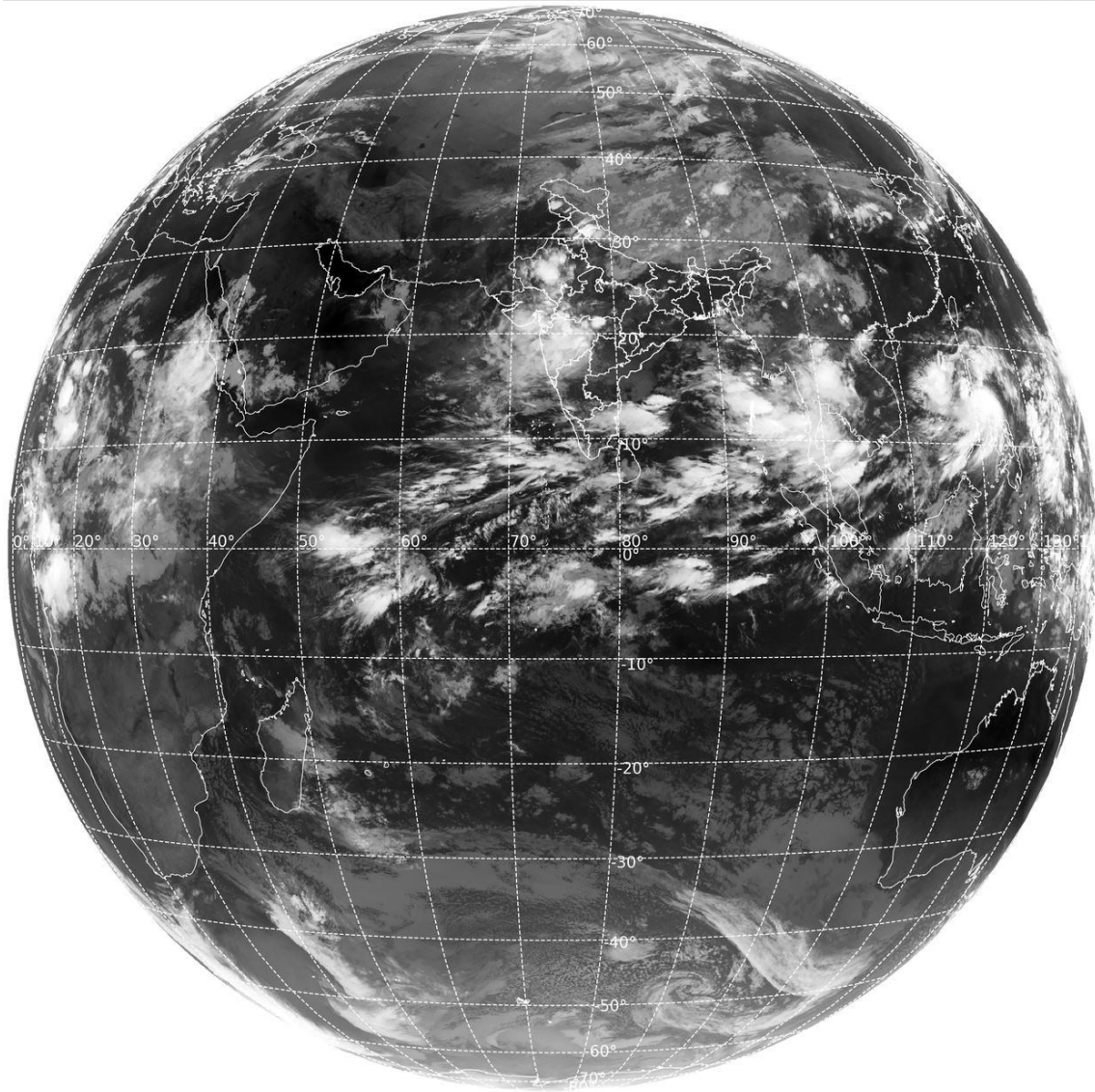
BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3DR IMG
Thermal Infrared1 Count 10.8 um
LIB FULL DISK

02-09-2024/(0015 to 0042) GMT
02-09-2024/(0545 to 0612) IST



498

961

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA MALDIVES NEPAL TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA YELLOW SEA MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 50.0E TO 100.0E (.)

TOO 02/0700 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 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