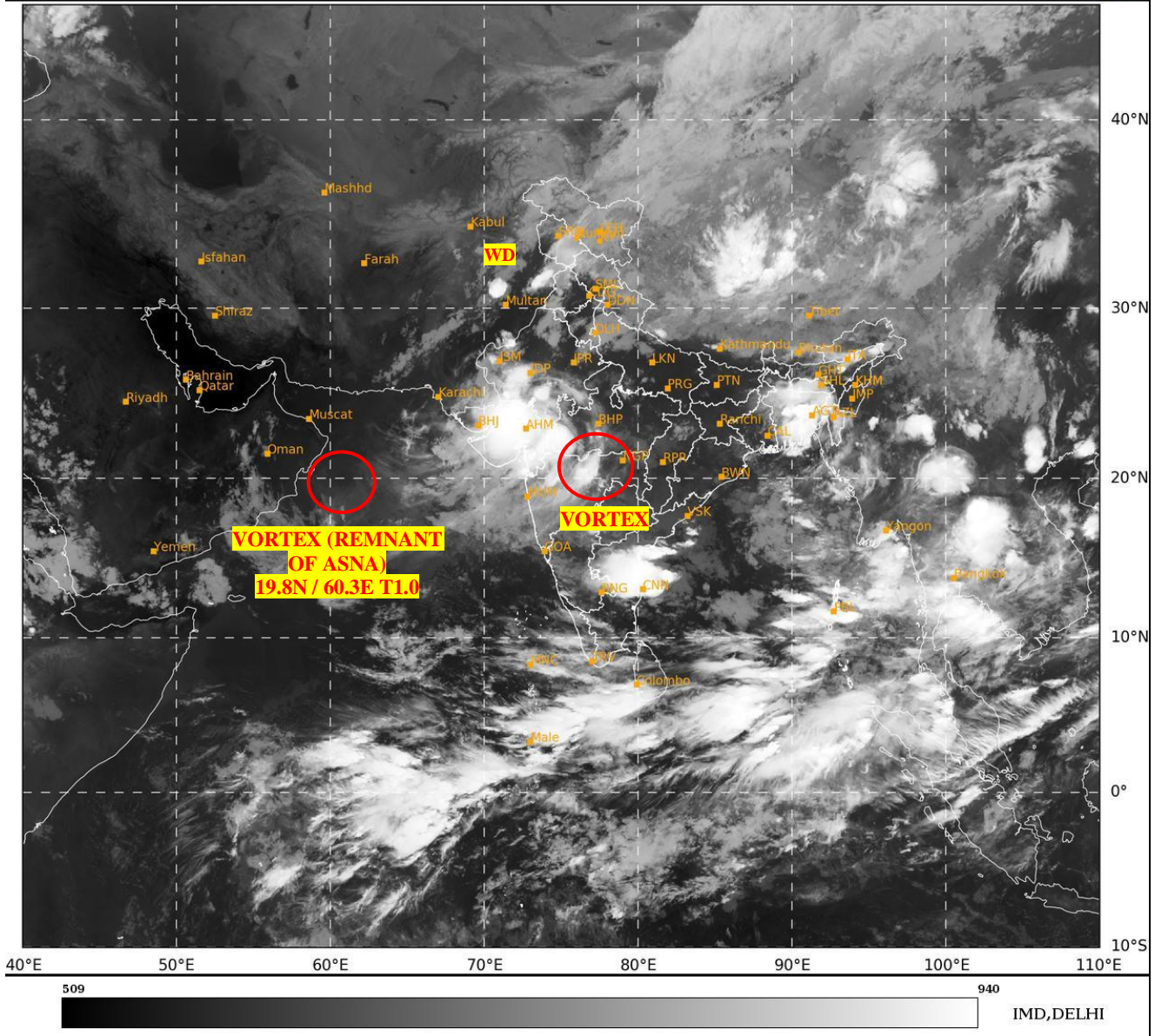




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
02.09.2024 TIME 2100 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

02-09-2024/(2215 to 2242) GMT
03-09-2024/(0345 to 0412) IST



TCIN50 DEMS 022100

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 022215 UTC (.)

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

SALIENT FEATURES:-

VORTEX (REMNANT OF ASNA) OVER WEST CENTRAL ADJ NORTH WEST ARABIAN SEA & N/HOOD:-

VORTEX (REMNANT OF ASNA) OVER WEST CENTRAL ADJ NORTH WEST ARSEA & N/HOOD CENTERED WITHIN HALF A DEGREE OF 19.8N / 60.3E (.) INTENSITY T1.0 (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER WC ARSEA OMAN (.)

VORTEX OVER VIDARBHA & NHOOD:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W VID MRTHWD NORTH MADHYA MAHA W MP GUJ S RAJ IN ASSW **VORTEX OVER THE AREA (MINIMUM CTT MINUS 93 DEG CEL) (.)**

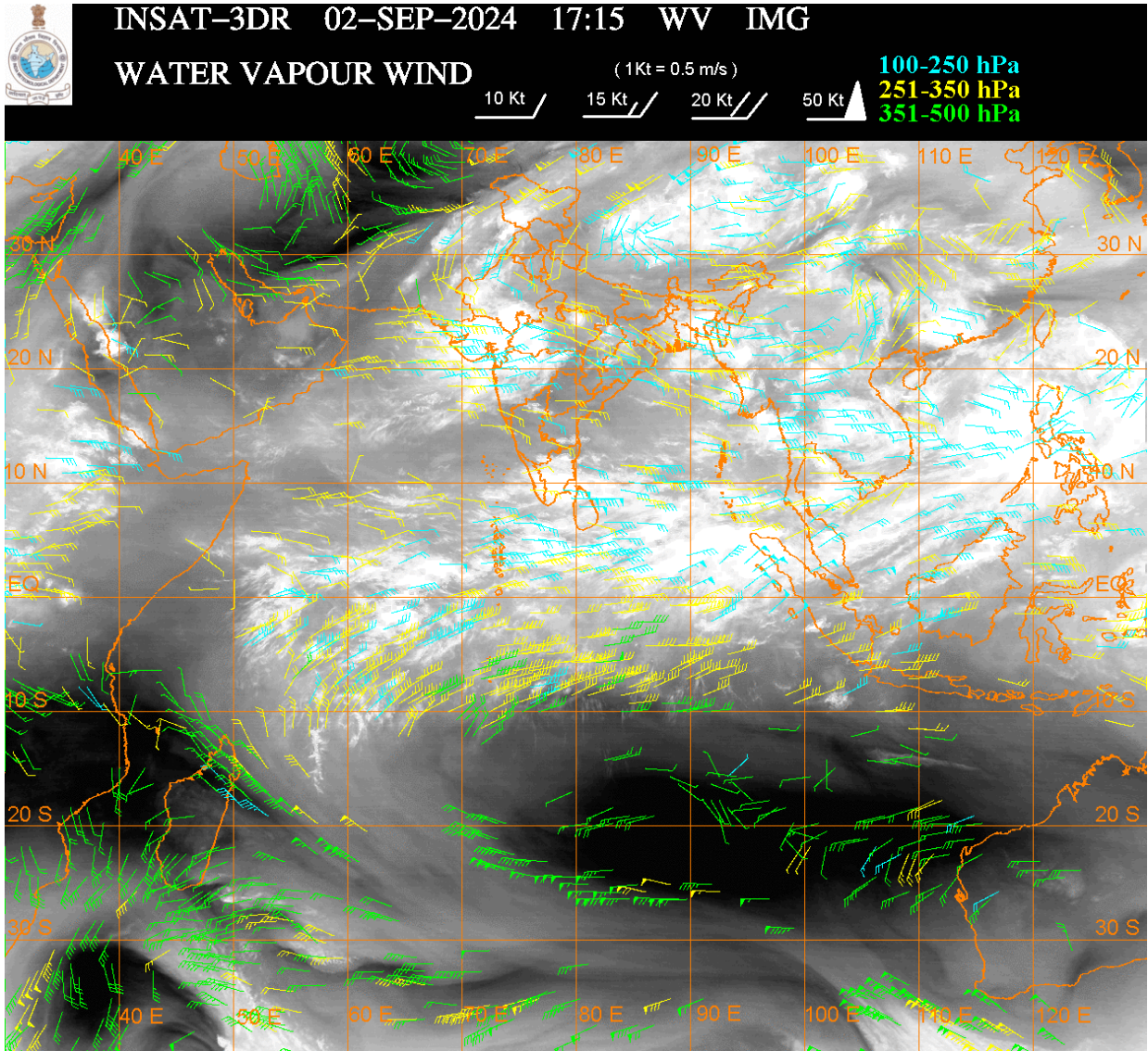
WESTERN DISTURBANCE (WD):-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER E ASSAM ADJ ARUPR MEGHA S ASSAM MIZO TRP S RAJ W MP GUJ NORTH MADHYA MAHA MRTHWD W VID RYLSM S COTL AP EXT NE TN ANDAMAN & NICOBAR ILS (MINIMUM CTT MINUS 70-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K W HP N PJB N RAJ KRNTK W TLNGN KER REST TN LKSDP ILS (MINIMUM CTT MINUS 50-70 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E ASSAM ADJ ARUPR MEGHA S ASSAM MIZO TRP & BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER BHR JHRKND CHTGH ORS GWB SHWB SKM REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S RAJ W MP GUJ NORTH MADHYA MAHA MRTHWD W VID (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N RAJ AND WK TO MOD CONVTN OVER E MP REST MAHA GOA (.)

SOUTH:-

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

ARABIAN SEA:-

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

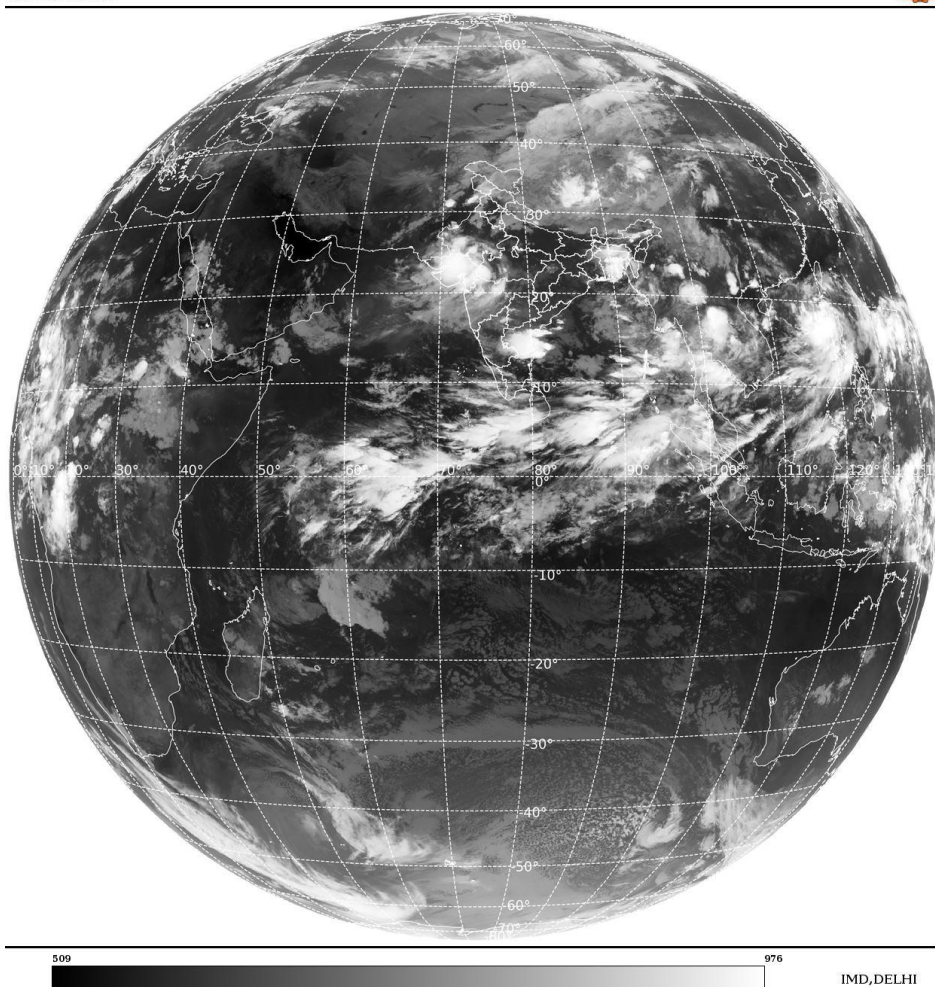
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE BAY CENTRAL & SOUTH BAY ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY ARAKAN COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3DR IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

02-09-2024/(2215 to 2242) GMT
03-09-2024/(0345 to 0412) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 100.0E AND BET LAT 10.0S TO 30.0S LONG 50.0E TO 70.0E (.)

TOO 03/0450 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
	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