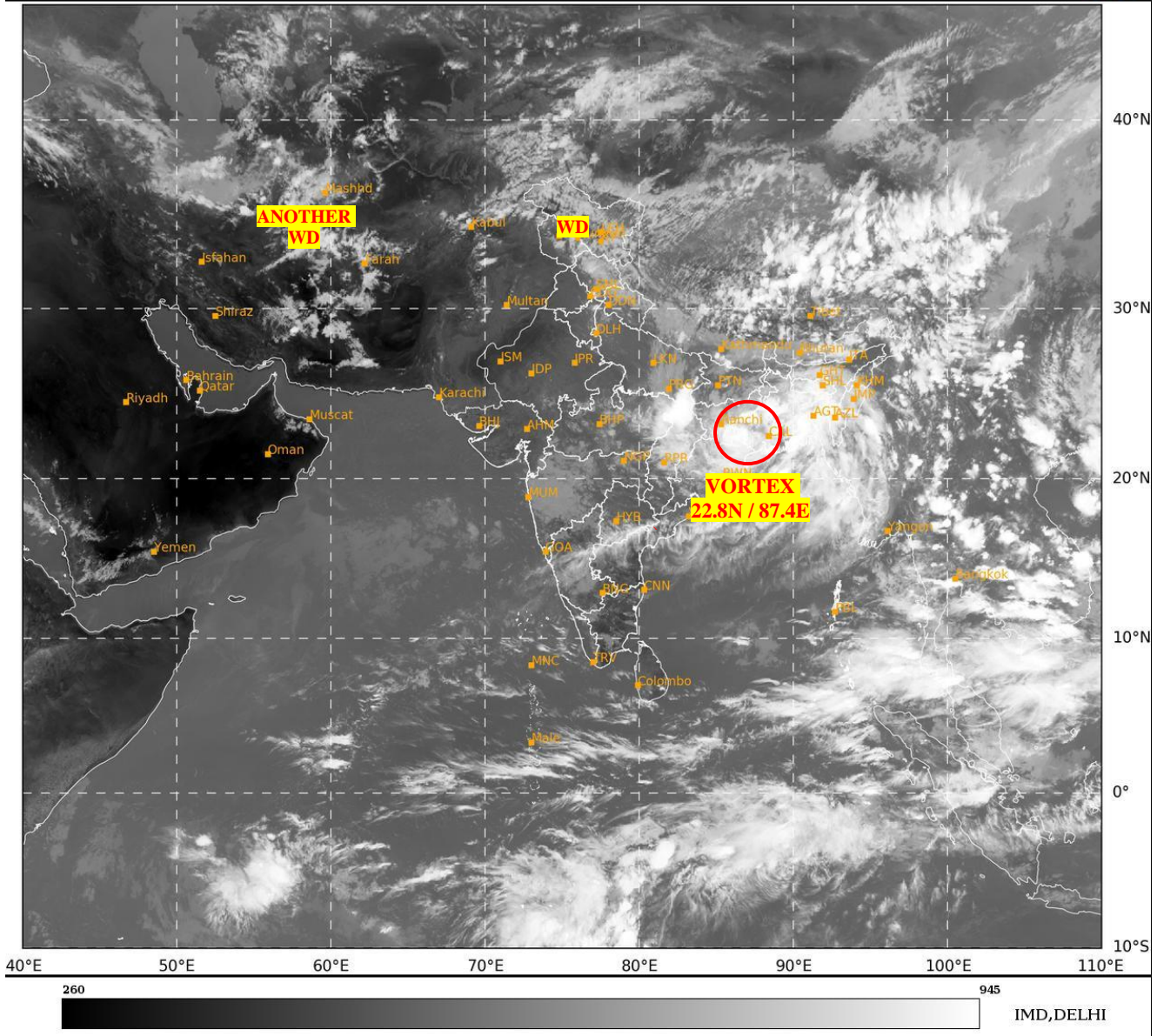




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
15.09.2024 TIME 0900 UTC

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

15-09-2024/(0915 to 0942) GMT
15-09-2024/(1445 to 1512) IST



TCIN50 DEMS 150900

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 150915 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 GANGETIC WEST BENGAL & N/HOOD:-

VORTEX OVER GWB & N/HOOD CENTERED WITHIN HALF A DEGREE OF **22.8N / 87.4E** (.)
ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N CHTGH
JHRKND ORS GWB BD MEGHA S ASSAM TRP MIZO NORTH BAY (MINIMUM **CTT MINUS 80-93
DEG CEL**) AND MOD TO INT CONVTN OVER BHR SHWB (MINIMUM **CTT MINUS 60-70 DEG
CEL**) (.)

WESTERN DISTURBANCE (WD):-

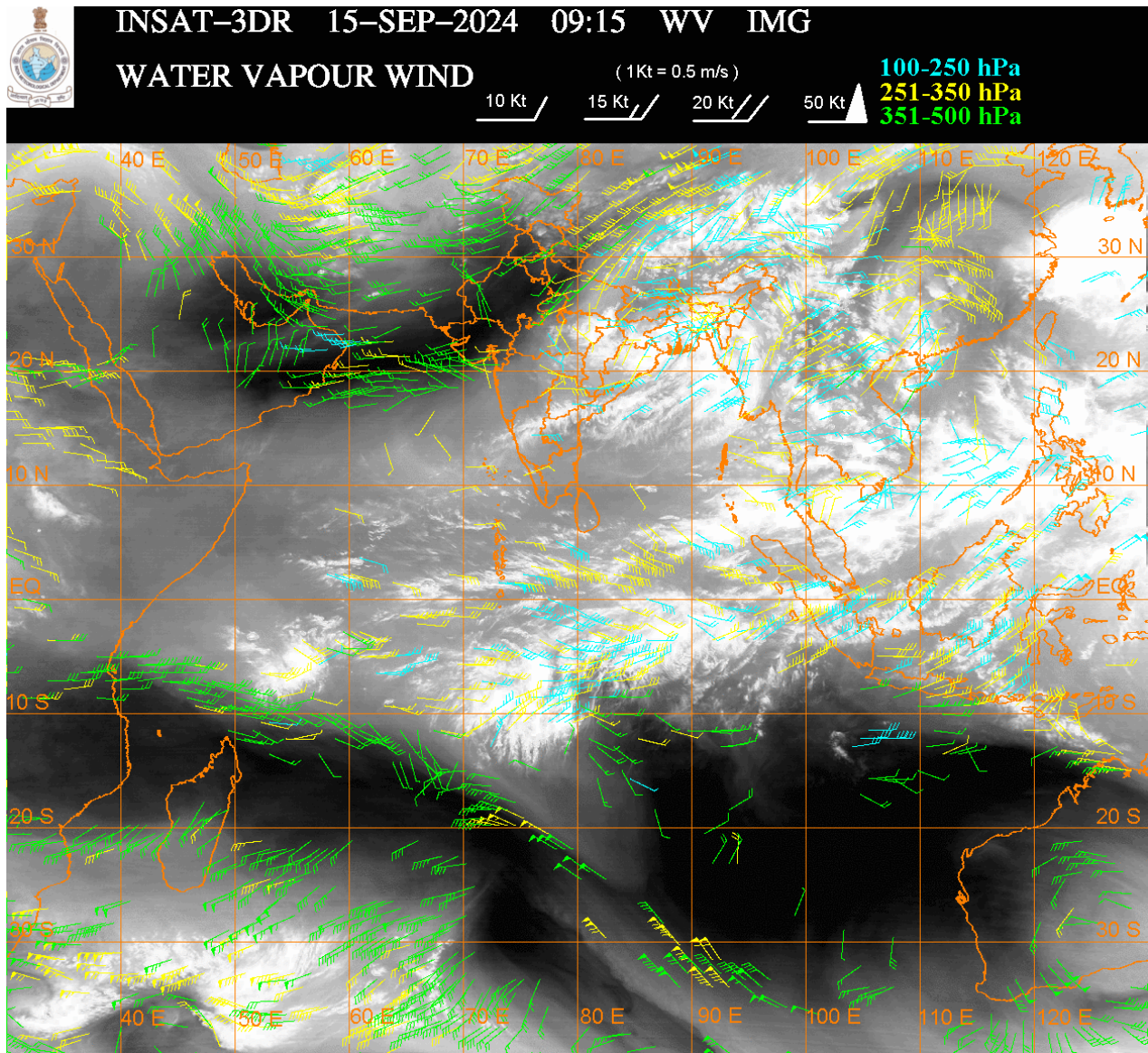
SCT MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND PJB HARY DLH ADJ
NW UP TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER EAST IRAN & N/HOOD IN ASSW **ANOTHER WD** OVER
THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER EXTREME SE UP N CHTGH JHRKND N ORS GWB MEGHA MIZO TRP & BD (MINIMUM CTT MINUS 80-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER E MP S ORS SHWB SKM REST NE STATES S TLNGN N COTL AP & 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 EXT SE UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND EAST HARY REST UP (.) SCT LOW/MED CLOUDS OVER PJB W HARY DLH (.)

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT E MP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST MP SE GUJ MAHA (.) SCT LOW/MED CLOUDS OVER RAJ REST GUJ & GOA (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SOUTH ARSEA LKSDP ILS & COMORIN AREA (.)

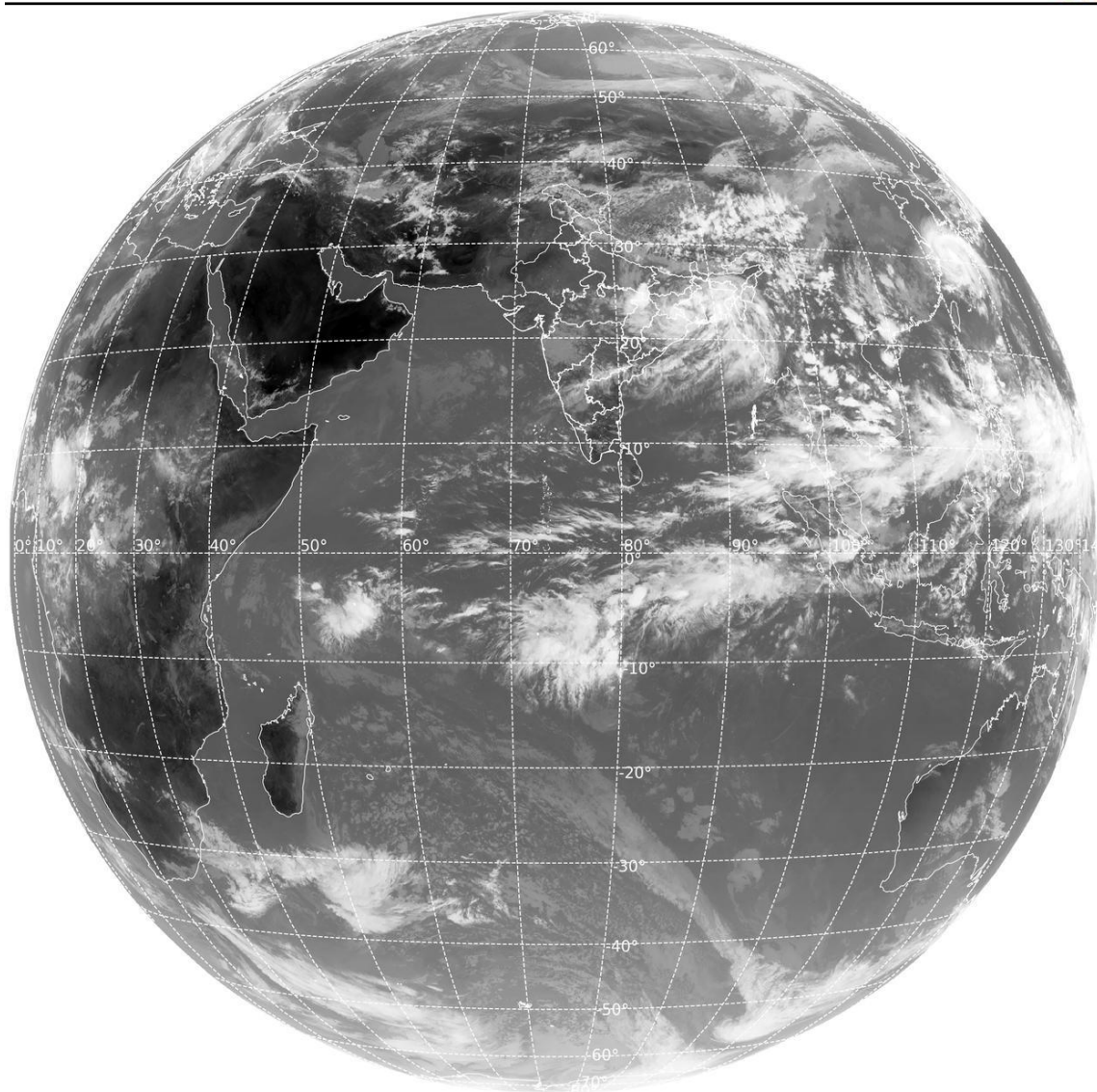
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH BAY ARAKAN COAST EXT SE BAY ANDAMAN SEA & TENASSERIM COAST (MINIMUM **CTT MINUS 80-93 DEG CEL) (.) 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
L1B FULL DISK

15-09-2024/(0915 to 0942) GMT
15-09-2024/(1445 to 1512) IST



IMD,DELHI

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

TOO 15/1540 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