



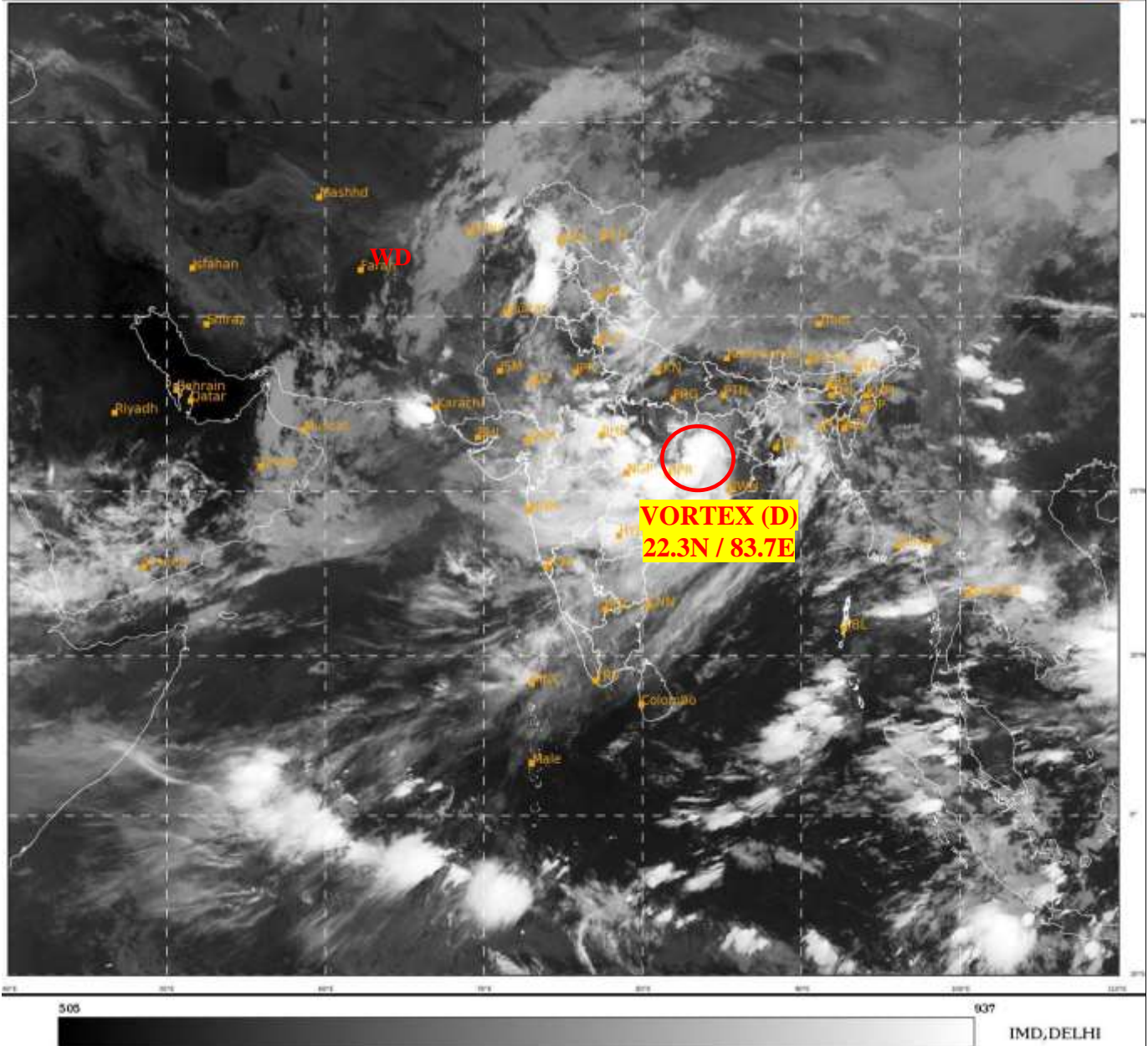
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
14.08.2022 TIME 2100 UTC

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

14-08-2022/(2130 to 2156) GMT
15-08-2022/(0300 to 0326) IST



TCIN50 DEMS 142100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 142130 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX (D) OVER N CHTGH ADJ ORS & JHRKND:-

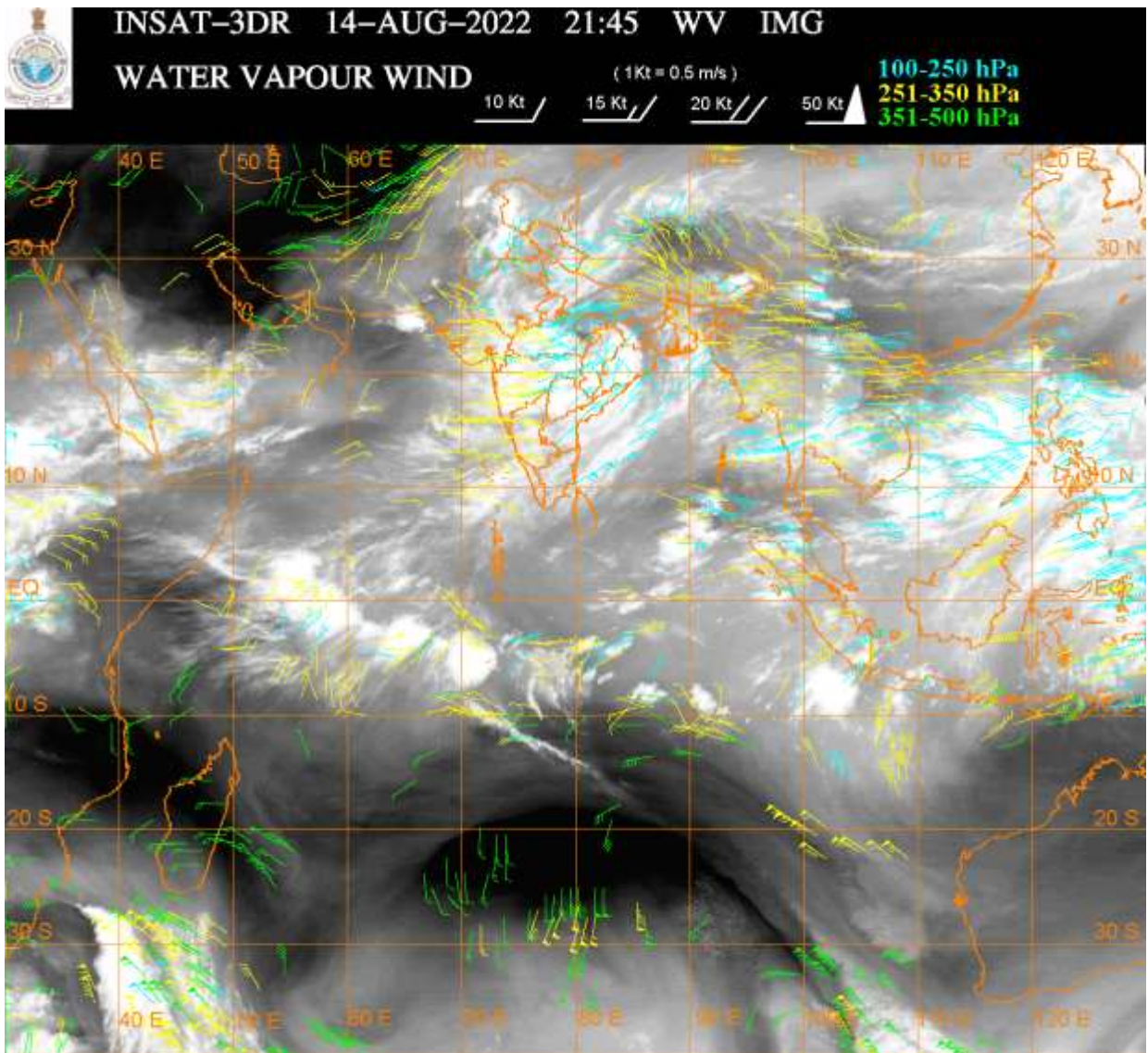
VORTEX (D) OVER N CHTGH ADJ ORS & JHRKND CENTERED WITHIN HALF A DEGREE OF **22.3N / 83.7E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH ORS W JHRKND (.) MINIMUM CTT MINUS **93** DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER AFGAN PAK & N/HOOD IN ASSW **WD** OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER J&K UTRKND UP JHRKND CHTGH ORS E ASSAM ARUPR NW E RAJ MP MAHA KRNTK TLNGN N COTL AP (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER J&K (MINIMUM CTT MINUS **90** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH EC HP UTRKND NW PJB W & NE UP (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST HP REST PJB HARY DLH REST UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CHTGH W ORS (MINIMUM CTT MINUS **93** DEG C) W & NE JHRKND E ARUPR (MINIMUM CTT MINUS **85** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BHR E ORS N GWB W ARUPR E ASSAM BD AND WK TO MOD CONVTN OVER REST BHR REST JHRKND S GWB SHWB SKM REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP VID (MINIMUM CTT MINUS **93** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E RAJ E GUJ MRTHWD MADHYA MAHA KKN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER W RAJ W GUJ GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN N COTL AP (MINIMUM CTT MINUS **80** DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KRNTK S COTL AP N KER LKSDP ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER RYLSM S KER TN ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF PAK COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF CAMBAY CENTRAL ARSEA SE ARSEA AND LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST ARSEA GULF OF KUTCH AND COMORIN AREA (.)

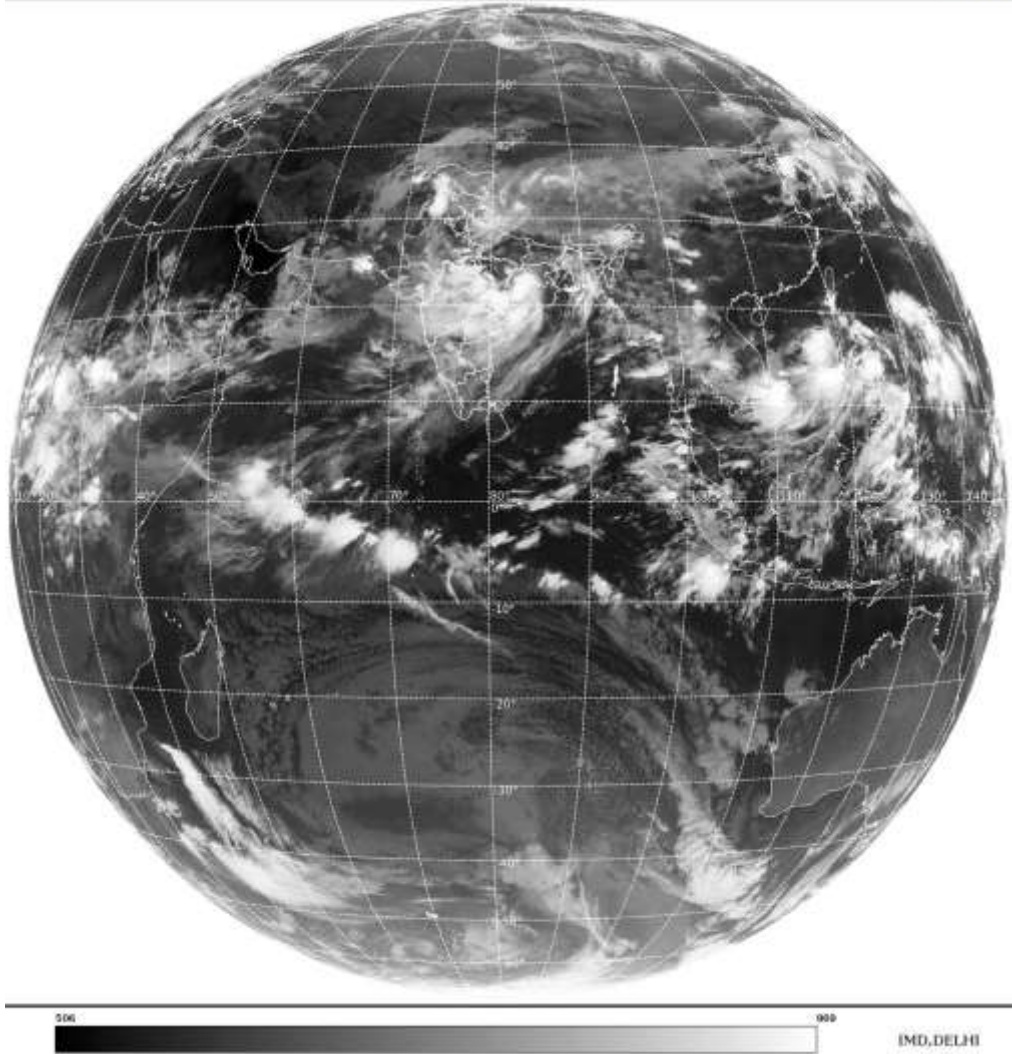
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH BAY SE BAY AND N ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY S ANDAMAN SEA GULF OF MARTABAN AND ARAKAN COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

14-08-2022/(2130 to 2156) GMT
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SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PALK STR GULF OF MANNAR PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA E 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 SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 50.0E TO 110.0E (.)

TOO 15/0415 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
	UTRKN	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