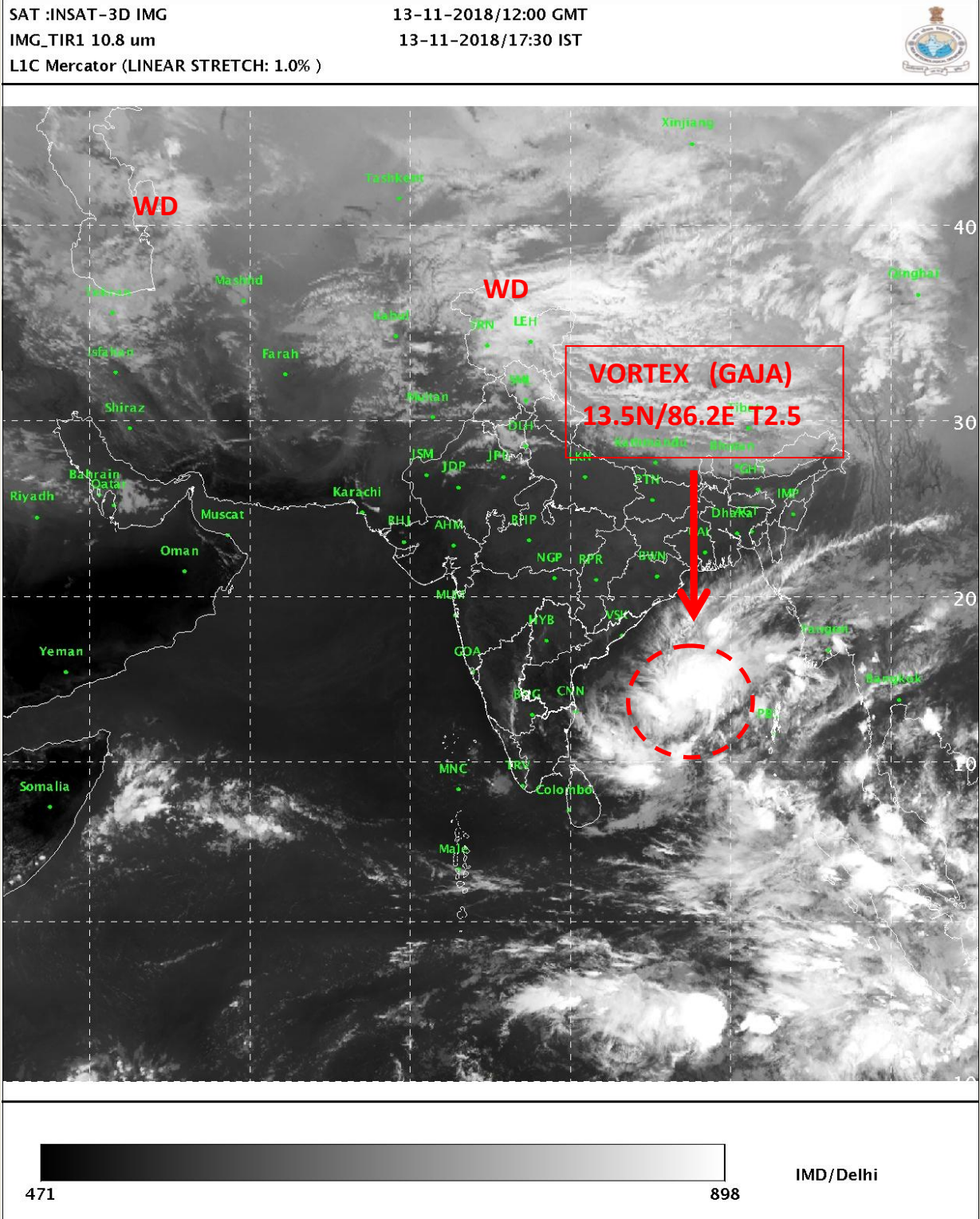


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
 AND PRODUCTS**

13.11.2018 TIME 1200 UTC



TCIN50 DEMS 131200

SATELLITE BULLETIN BASED ON INSAT PIC OF 131200 UTC (.)

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

SALIENT FEATURES :-

VORTEX (GAJA) OVER WC ADJ EC BAY OF BENGAL :-

VORTEX OVER WC ADJ EC BAY CENTRED AT LAT **13.5N / 86.2E** (.) INTENSITY **T2.5** RPT **T2.5** (.)
 ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY BET LAT
 10.0N TO 17.5.0N LONG 85.0E TO 90.5E (.) MINIMUM CTT MINUS 93 DEG CEL (.)

WESTERN DISTURBANCES (WD):-

SCT M/LAYERED CLOUDS WITH EMBDD MOD TO INT CONVECTION OVER NE PAK ADJ J&K N PJB HP AND N/HOOD IN ASSW WD OVER THE AREA (.)

SCT M/LAYERED CLOUDS OVER CASPIAN SEA AND N/HOOD AREA IN ASSW WITH ANOTHER WD OVER THE AREA (.)

CLOUDS DESCRIPTIONS WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K HP N UTRKND (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST UTRKND PJB DELHI NW UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR MEGHA S MIZO (.) ISOL HIGH CLOUDS OVER NAGA MANI (.)

WEST:-

SCT LOW/MED CLOUDS OVER WITH EMBDD WK TO MOD CONVTN OVER N RAJ(.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ANDAMAN NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER AP ADJ TLNGN SIK N TN (.) SCT LOW/MED CLOUDS OVER OFF S COTL KER LAKSDP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

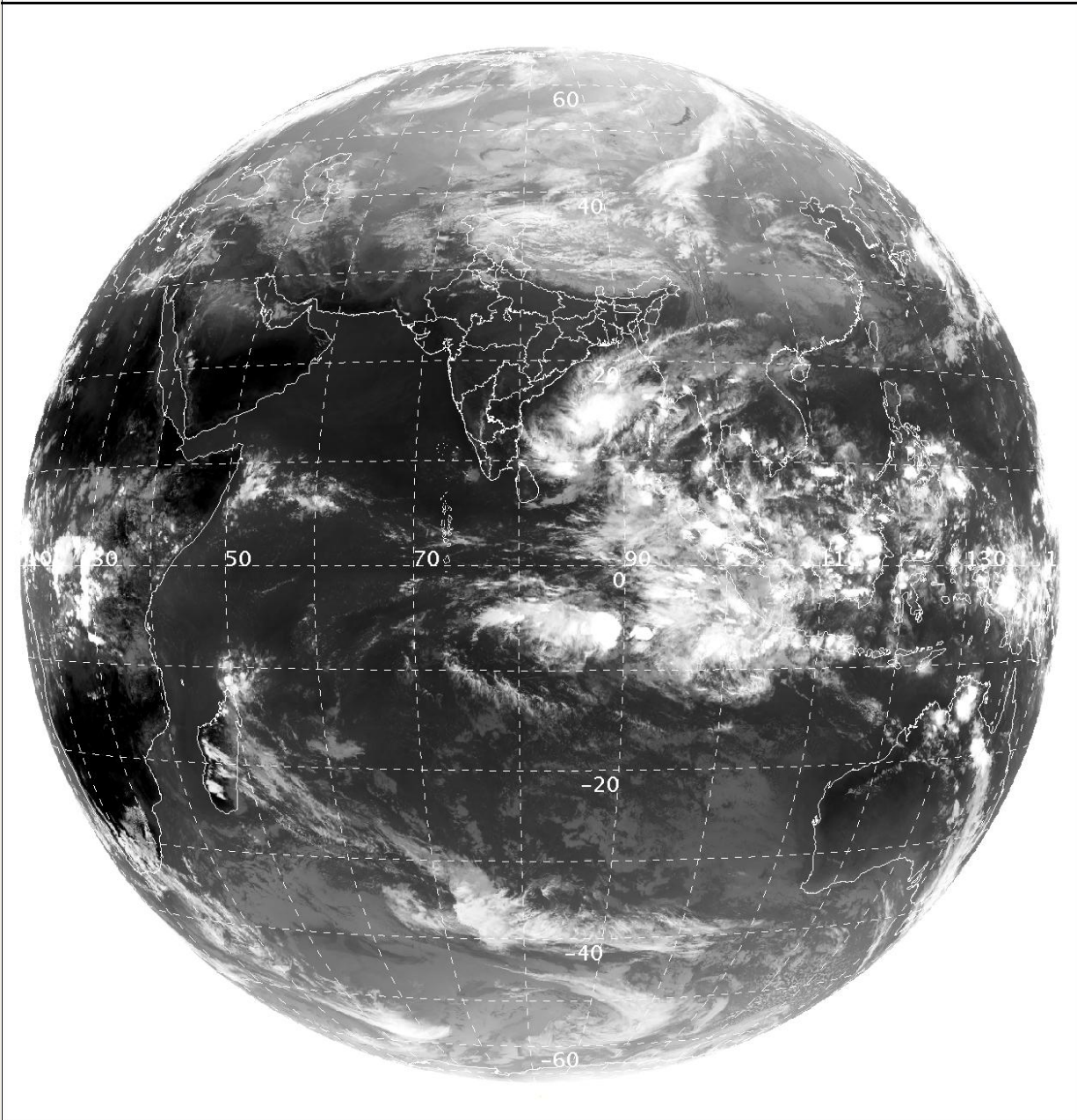
SAT :INSAT-3D IMG

13-11-2018/(1200 to 1227) GMT

IMG_TIR1 10.8 um

13-11-2018/(1730 to 1757) IST

L1B FULL DISK (LINEAR STRETCH: 1.0%)



IMD/Delhi

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHUTAN MALDIVES MYANMAR TIBET SUMATRA STR OF MALACCA MALAY PENINSULA THAILAND GULF OF THAILAND CAMBODIA LAOS SOUTH CHINA SEA SOUTH OF LAT 12.0N BORNEO JAVA ILS & SEA CELEBES ILS & SEA MINDANAO S PHILIPPINES AND OVER INDIAN OCEAN BET LAT 3.0 S TO 10.0S EAST OF LONG 70.5E (.)

TOO 13/1850 EF=

LEGEND:-

CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
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-DIVISION, STATES, & 5 UTS	ARUPR	ARUNACHAL PRADESH
	BHR	BIHAR
	CHTGH	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH
	COT L KRNTK	COASTAL KARNATAKA
	COTL ORS	COASTAL ORISSA
	GUJ	GUJARAT
	GWB	GANGETIC WEST BENGAL
	HARY	HARYANA
	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
		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
	WB	WEST BENGAL
	ARSEA	ARABIAN SEA
	ILS	ISLANDS
MISCELLANEOUS	ASSW	IN ASSOCIATION WITH
	ASSTD	ASSOCIATED
	CIR	CIRCULATION
	EMBDD	EMBEDDED
	N/HOOD	NEIGHBOURHOOD
	EXT	EXTREME