



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



**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**
21.04.2018 TIME 2100 UTC

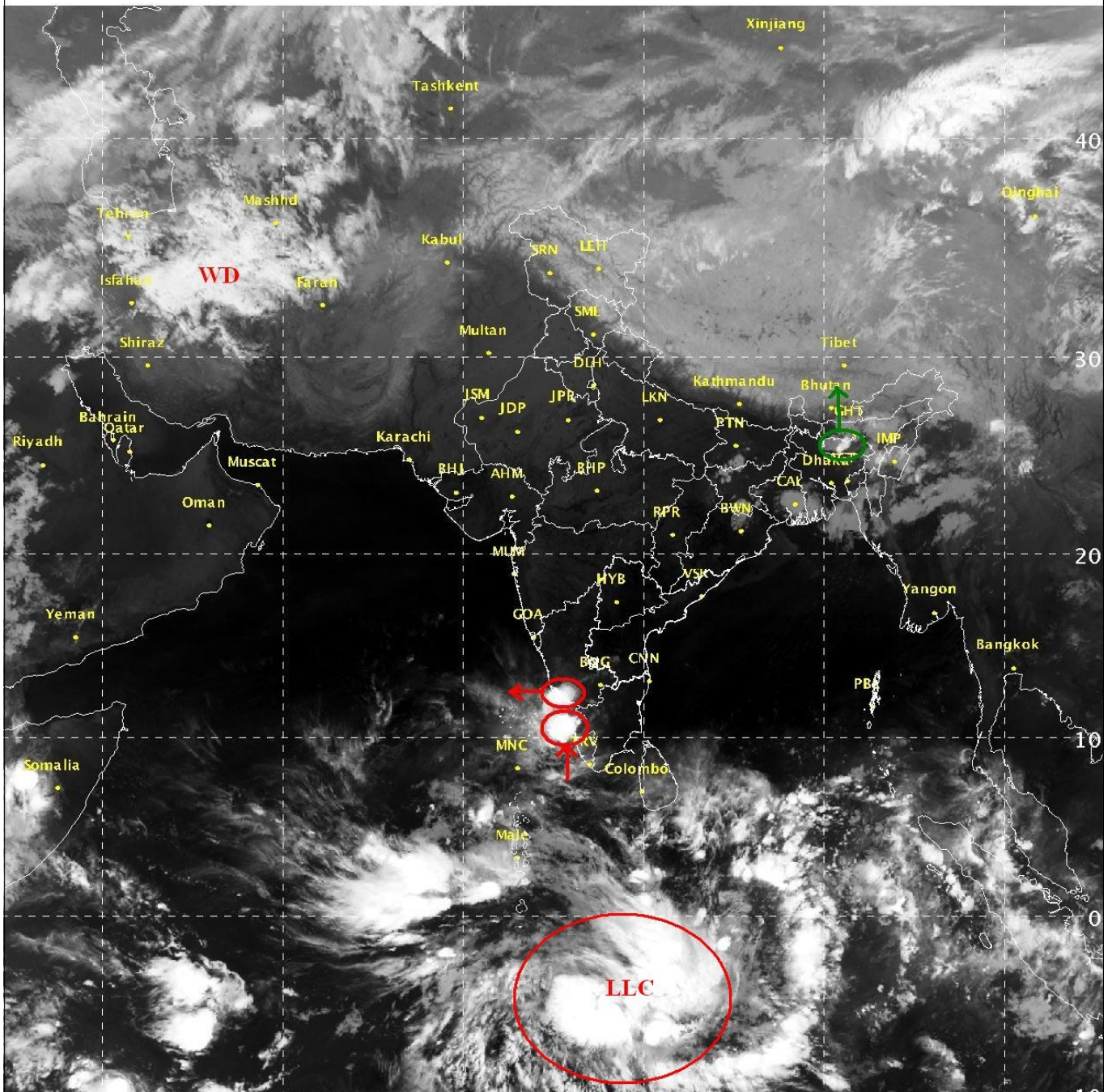
SAT :INSAT-3D IMG

21-04-2018/21:30 GMT

IMG_TIR1 10.8 um

22-04-2018/03:00 IST

L1C Mercator (LINEAR STRETCH: 1.0%)



TCIN50 DEMS 212100

SATELLITE BULLETIN BASED ON INSAT PIC OF 212130 UTC (.)

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

SALIENT FEATURES :-

WESTERN DISTURBANCE (WD) :-

SCT M/LAYERED CLOUDS OVER S CASPEAN SEA IRAQ N IRAN & N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE ACTIVITY:-

CONVECTIVE CELLS THAT ARE DEVELOPED OVER N KER (MINIMUM CTT MINUS 80 DEG C) ARE AND OVER W MEGHA (MINIMUM CTT MINUS 58 DEG C) ARE MOVING NORTH-WARD DIRECTION (.)

CONVECTIVE CELLS THAT ARE DEVELOPED OVER EXT SW SIK ADJ N KER (MINIMUM CTT MINUS 81 DEG C) ARE MOVING WEST-WARD DIRECTION (.)

PRECIPITATION NOWCAST BASED ON WMO SCOPE PRODUCT:-

BASED ON 2100 UTC SATELLITE DATA INDICATE PRECIPITATION IS LIKELY TO TAKE PLACE DURING NEXT THREE (03) HRS OVER EXT W MEGHA N KER ADJ SW SIK (.)

CLOUDS DESCRIPTIONS WITHIN INDIA :-

NORTH:-

SCT LOW/MED CLOUDS OVER J&K HP N UTRKND (.)

EAST:-

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

WEST:-

NO SIG CLOUDS OVER THE REGION (.)

SOUTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO N INT CONVTN OVER SW SIK N KER (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER S KER LKSDP & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S RYLSM REST SIK & TN (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA N KER COT (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S BAY SOUTH OF LAT 8.0N (.)

CLOUDS DESCRIPTION OUTSIDE INDIA :-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER INDIAN OCEAN BET EQ TO LAT 10.0S LONG 74.0E TO 85.0E IN ASSW LLC OVER THE AREA (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE CHINA SUMATRA STR OF MALACCA JAVA ILS & SEA BORNEO S CHINA SEA SOUTH OF LAT 11.0N CELEBES ILS & SEA N MEDAGASCAR AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N EAST LONG 62.0E AND BET LAT 2.0S TO 14.0S LONG 48.0E TO 58.0E (.)

TOO 22/0430EF=

LEGEND:-

RED	DEVELOPED (-60° and colder)
GREEN	DEVELOPING (-40° to -60°) with cooling trend
BLUE	WEAKENING (-40° and warmer) with warming trend

CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
	TEMPERATURE	CTT
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