



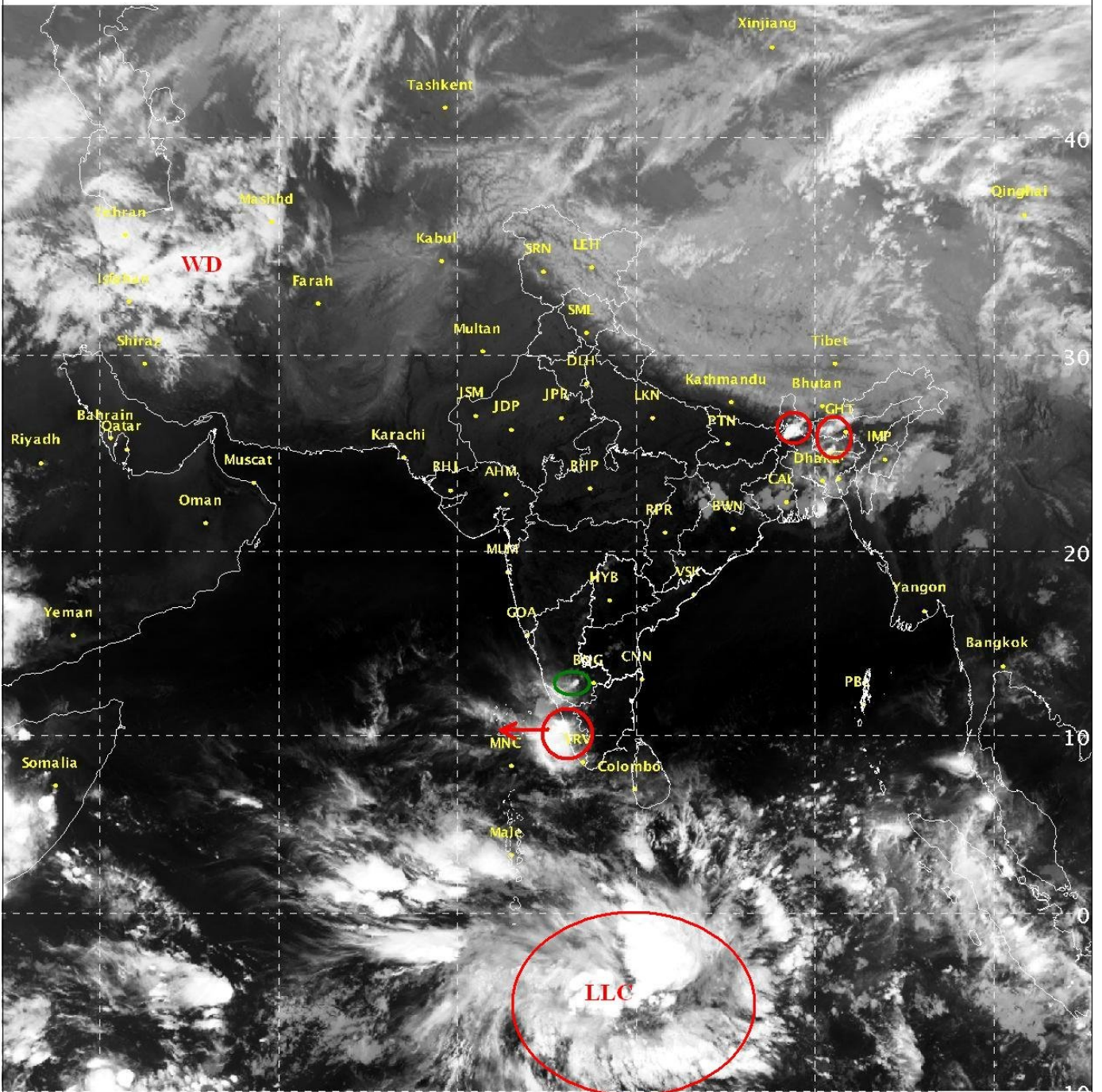
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**
21.04.2018 TIME 1700 UTC

SAT :INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator (LINEAR STRETCH: 1.0%)

21-04-2018/17:00 GMT
21-04-2018/22:30 IST



IMD/Delhi

TCIN50 DEMS 211800
SATELLITE BULLETIN BASED ON INSAT PIC OF 211700 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 W IRAN & N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE ACTIVITY:-

CONVECTIVE CELLS THAT ARE DEVELOPED OVER CENTRAL KER (MINIMUM CTT MINUS 80 DEG C) ARE MOVING W-WARD DIRECTION (.)

CONVECTIVE CELLS ARE DEVELOPING OVER N SHWB & ADJ NW BD (MINIMUM CTT MINUS 85 DEG C) W ASSAM ADJ W MEGHA (MINIMUM CTT MINUS 70 DEG C) (.)

PRECIPITATION NOWCAST BASED ON WMO SCOPE PRODUCT:-

BASED ON 1700 UTC SATELLITE DATA INDICATE PRECIPITATION IS LIKELY TO TAKE PLACE DURING NEXT THREE (03) HRS OVER GWB W ASSAM MEGHA TRP MIZO SW SIK & N KER (.)

CLOUDS DESCRIPTIONS WITHIN INDIA :-

NORTH:-

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

EAST:-

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

WEST:-

NO SIG CLOUDS OVER THE REGION (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SIK KER AND ISOL WK TO MOD CONVTN OVER LKSDP (.) SCT LOW/MED CLOUDS OVER TLNGN AP REST KRNTK REST TN & NICOBAR ILS (.)

ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

NO SIG CLOUDS OVER THE REGION (.)

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 70.0E TO 87.0E IN ASSW LLC OVER THE AREA (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N CHINA SUMATRA STR OF MALACCA JAVA ILS & SEA BORNEO S CHINA SEA SOUTH OF LAT 10.0N CELEBES ILS N MEDAGASCAR AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N EAST LONG 60.0E AND BET LAT 2.0S TO 15.0S LONG 45.0E TO 57.0E (.)

TOO 21/2340EF=

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