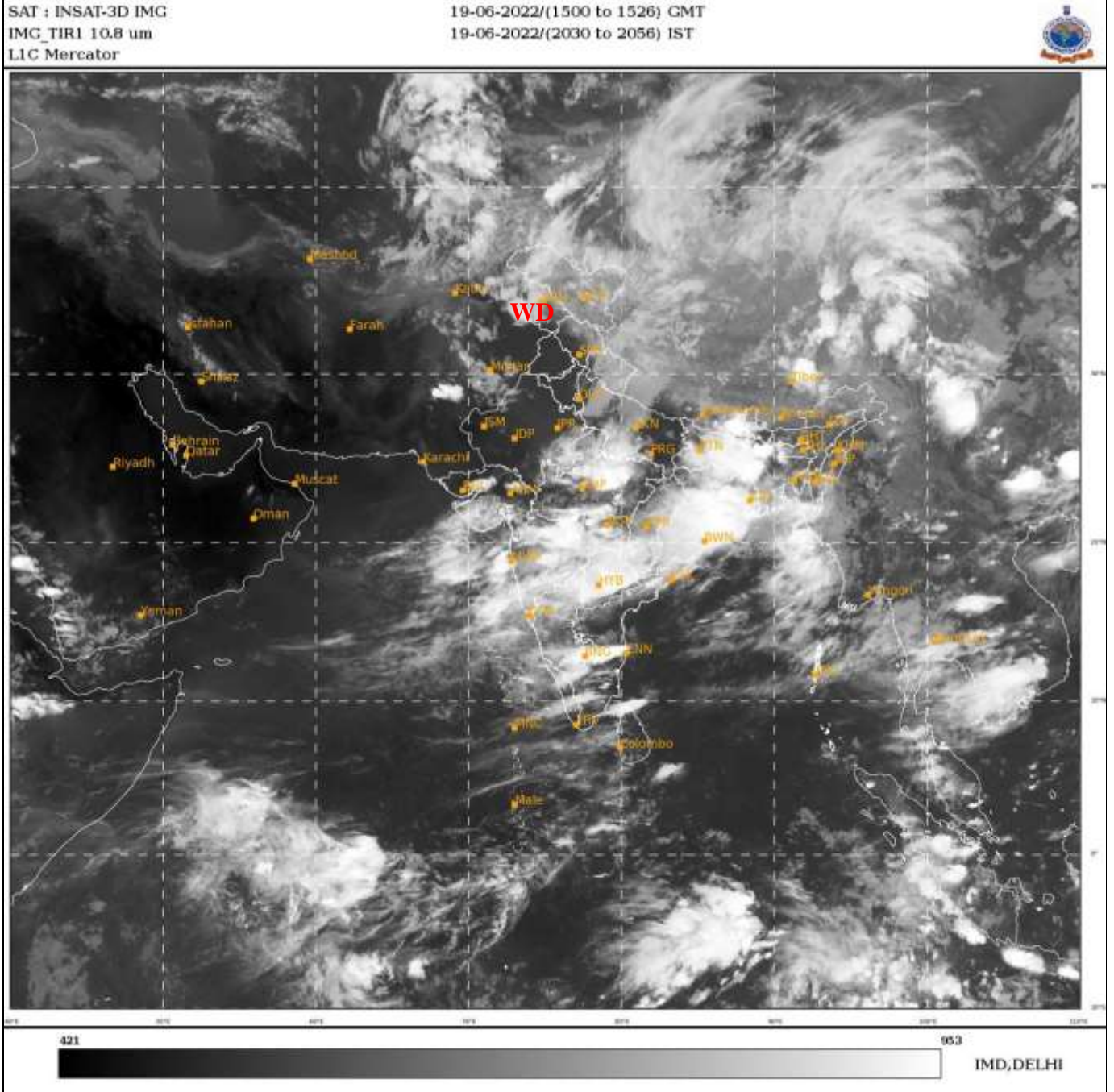




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
19.06.2022 TIME 1500 UTC



TCIN50 DEMS 191500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 191500 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 TO BKN MULTILAYERED CLOUDS OVER N PAK J&K LADAKH HP E HARY RAJ N MP UP
UTRKN TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER S UP BHR JHRKN CHTGH
ORS GWB SHWB SKM ASSAM MEGHA MIZO E RAJ MP GUJ MAHA GOA KRNTK TLNGN N
COTL AP S RYLSM KER TN LKSDP ILS ANDAMAN ILS (.)

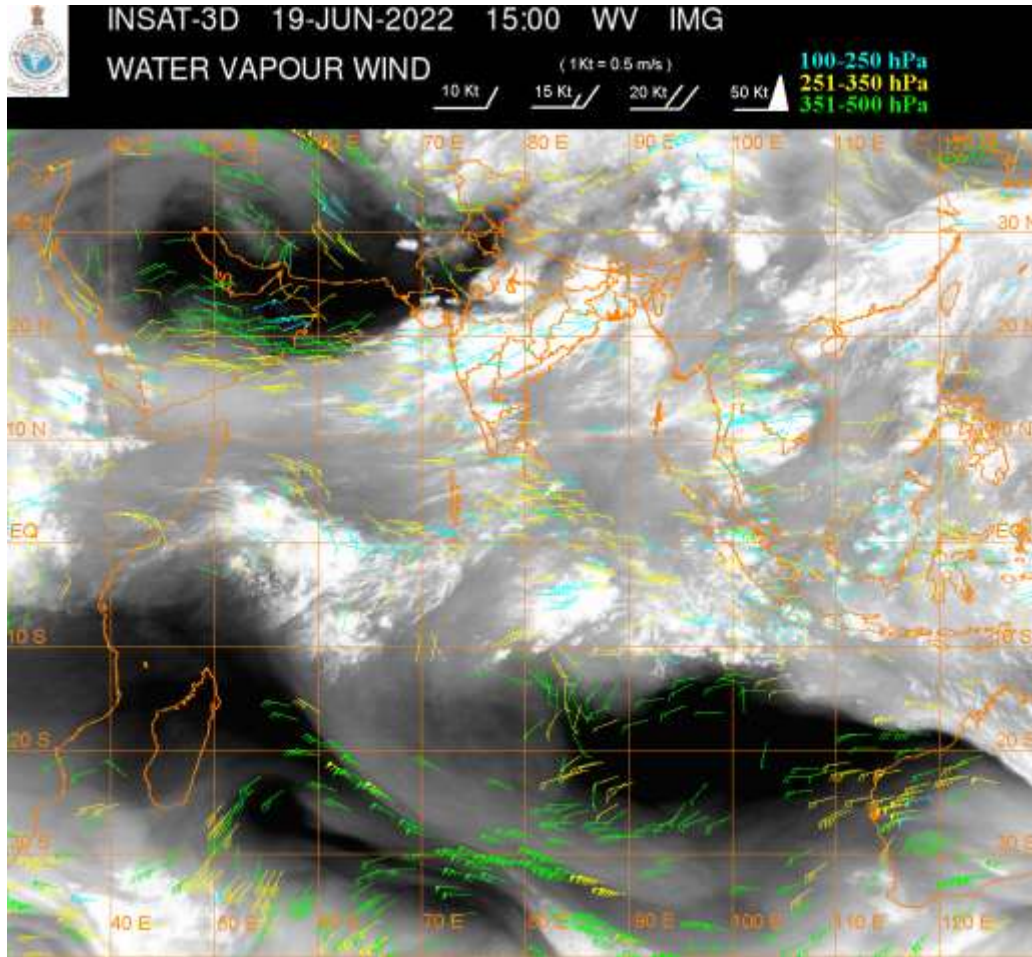
PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1500 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-

RAINFALL UP TO 10-20 MM LIKELY OVER BHR E JHRKND N ORS GWB MP GUJ MAHA NIK SIK TLNGN EXT S RYLSM N COTL AP N KER N TN (.)

RAINFALL UP TO 5-10 MM LIKELY OVER SC UP CHTGH S ORS SHWB EC RAJ (.)

RAINFALL UP TO 0.5-5 MM LIKELY OVER N J&K N LADAKH E UTRKND SC UP W JHRKND W MEGHA ADJ ASSAM MIZO GOA S COTL KRNTK LKSDP ILS AREA ANDAMAN ILS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW UP (MINIMUM CTT MINUS 75 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K SE UP AND WK TO MOD CONVTN OVER N HP UTRKND EXT SE HARY N UP (.) SCT LOW/MED CLOUDS OVER S HP REST E HARY (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E BHR (MINIMUM CTT MINUS 80 DEG C) NE & S JHRKND N ORS GWB SHWB & NW BD (MINIMUM CTT MINUS 93 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W BHR REST JHRKND CHTGH S ORS SKM W MEGHA ADJ ASSAM E ASSAM S MIZO & REST BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER 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) NW GUJ (MINIMUM CTT MINUS 75 DEG C) MRTHWD MADHYA MAHA (MINIMUM CTT MINUS 85 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E RAJ REST GUJ KKN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER W RAJ GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E NIK N COTL AP (MINIMUM CTT MINUS 75 DEG C) TLNGN (MINIMUM CTT MINUS 85 DEG C) SE SIK ADJ S RYLSM NE TN (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST KRNTK REST RYLSM KER REST TN LKSDP ILS ANDAMAN ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S COTL AP (.) SCT LOW/MED CLOUDS OVER NICOBAR ILS (.)

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ARSEA GULF OF CAMBAY SE ARSEA LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC & SW ARSEA AND COMORIN AREA (.)

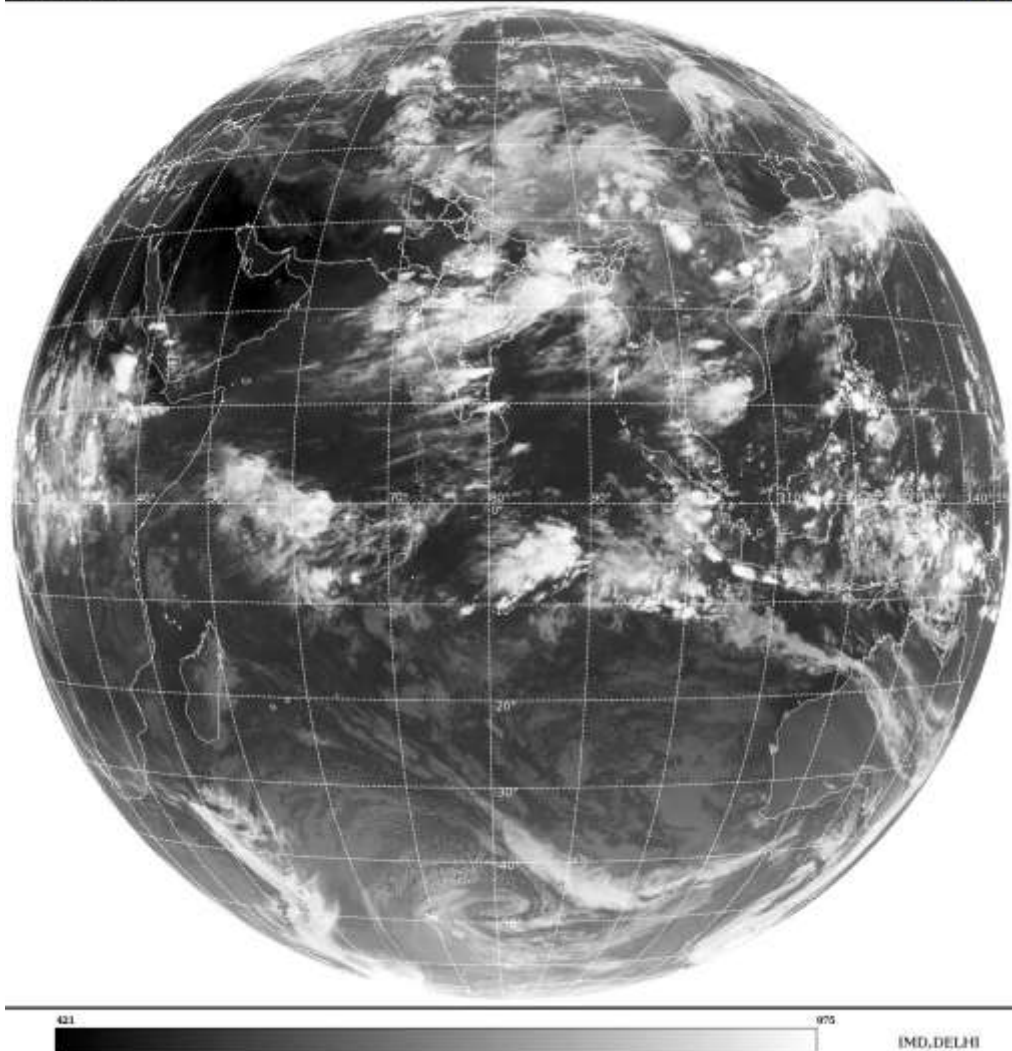
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW BAY ADJ N ORS GWB COASTS & NE BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST WEST BAY EC BAY N ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER SE BAY S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

19-06-2022/(1500 to 1526) GMT
19-06-2022/(2030 to 2056) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR PAK NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN 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 AND OVER INDIAN OCEAN BET LAT 5.0N TO 14.0S LONG 50.0E TO 110.0E (.)

TOO 19/2140 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