



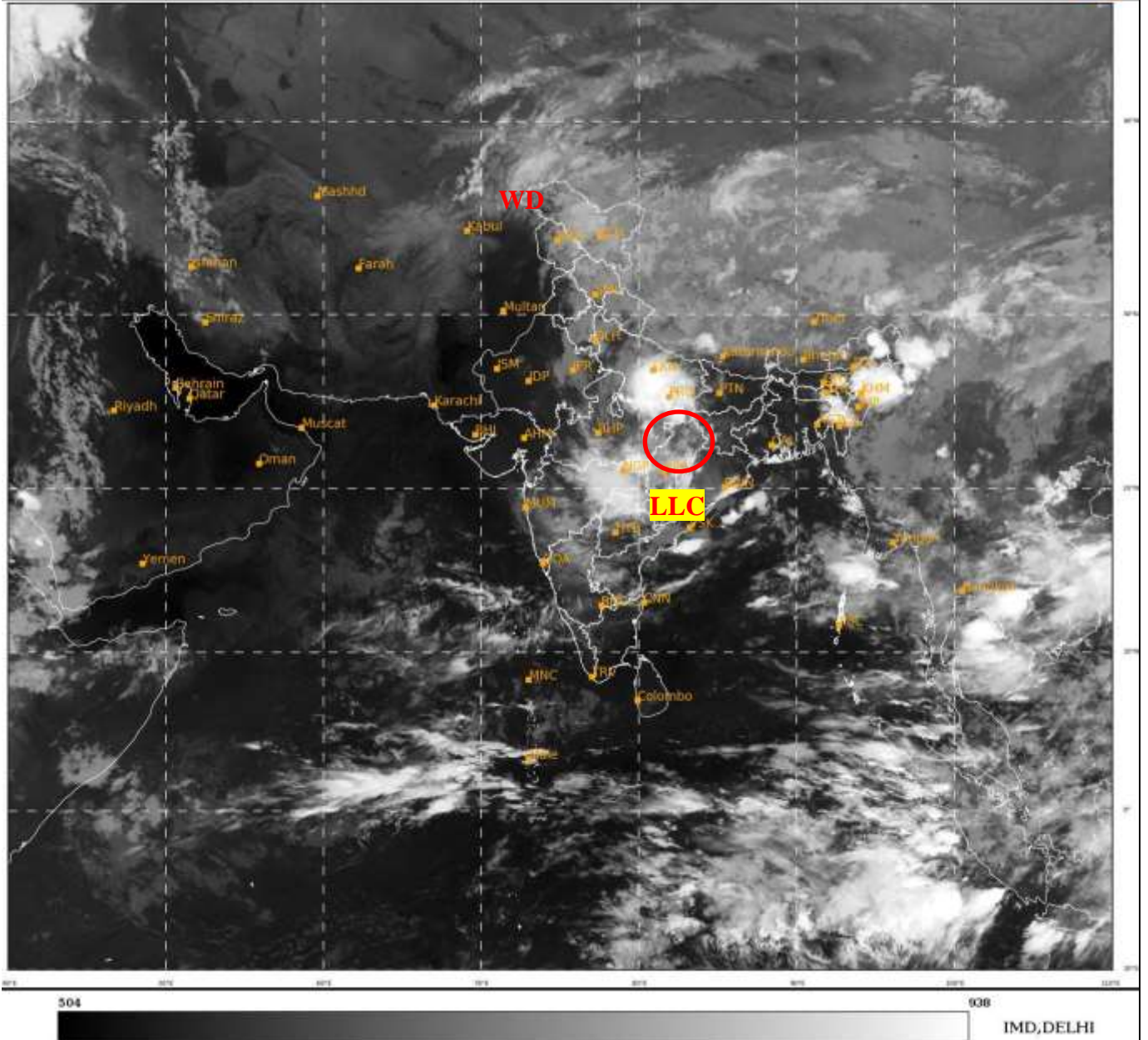
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
20.09.2022 TIME 2100 UTC

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

20-09-2022/(2130 to 2156) GMT
21-09-2022/(0300 to 0326) IST



TCIN50 DEMS 202100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 202130 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

LLC OVER N CHTGH AND N/HOOD :-

LOW LEVEL CIRCULATION (**LLC**) OVER N CHTGH AND N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW ORS N CHTGH ADJ JHRKND (.) MINIMUM CTT MINUS **55** DEG C (.)

WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

INTENSE CONVECTIVE CLOUDS OBSERVED OVER E UP E MP VID CHTGH W JHRKND ARUPR E ASSAM E MEGHA MANI NAGA N TLNGN (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E UP (MINIMUM CTT MINUS 87 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW UP AND WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND PJB HARY DLH NW UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E ASSAM E ARUPR (MINIMUM CTT MINUS 73 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH ORS W JHRKND W ARUPR S ASSAM E MEGHA NAGA MANI N TRP N MIZO AND ISOL WK TO MOD CONVTN W BHR GWB SKM SHWB (.) SCT LOW/MED CLOUDS OVER E BHR E JHRKND REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E MP (MINIMUM CTT MINUS 73 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER VID MRTHWD AND WK TO MOD CONVTN OVER E RAJ W MP SE GUJ REST MAHA & GOA (.) SCT LOW/MED CLOUDS OVER W RAJ REST GUJ (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N TLNGN AND WK TO MOD CONVTN OVER S TLNGN RYLSM COTL AP KRNTK N KER N TN LKSDP ILS ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER S KER S TN (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SE ARSEA AND LKSDP ILS AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL BAY ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER NORTH & SE BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES NEPAL TIBET CHINA 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 2.0S LONG 45.0E TO 75.0E AND BET LAT 5.0N TO 10.0S LONG 77.0E TO 105.0E (.)

TOO 21/0420 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
	UTRKND	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