



SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
10.01.2022 TIME 0000 UTC

TCIN50 DEMS 100000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 100000 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 LADAKH J&K HP UTRKND PJB HARY UP E MP N CHTGH JHRKND BHR NEPAL TIBET AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THE WESTERN DISTURBANCE AS A CYCLONIC CIRCULATION AT MID-UPPER LEVEL IS OBSERVED OVER NORTH PAKISTAN AND ADJOINING JAMMU & KASHMIR (.)

CONVECTION OVER SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN PERSISTS DURING LAST 06 HRS (.) MINIMUM CTT MINUS **85** DEG C (.)

FOG/LOW CLOUD:-

NIGHT MICROPHYSICS IMAGERY OF INSAT-3D (RAPID) AT 0000 UTC INDICATES SCT FOG / LOW CLOUDS OVER NE PAK S PJB HARY DLH UP N BHR S SHWB NW & EC RAJ MP S ORS N COTL AP S RYLSM SE SIK AND NW TN (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER BHR JHRKND CHTGH W ORS N GWB SHWB SKM ARUPR EXT W & EXT NE ASSAM EXT NW MEGHA & NW BD (.) SCT LOW/MED CLOUDS OVER REST ASSAM REST MEGHA NAGA N MANI (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER E MP S VID E MRTHWD (.) ISOL TO SCT LOW/MED CLOUDS OVER EXT NW MP REST MAHA (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COMORIN AREA AND ISOL WK CONVTN OVER SOUTH ARSEA (.) SCT LOW/MED CLOUDS OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY (MINIMUM CTT MINUS 85 DEG C) AND MOD TO INT CONVTN OVER S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR NEPAL BHUTAN TIBET CHINA YELLOW SEA GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S EAST OF LONG 70.0E AND BET LAT 4.0N TO 30.0S LONG 50.0E TO 70.0E (.)

TOO 10/0710 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS 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