

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



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 07.12.2023 TIME 0900 UTC

SAT: INSAT-3D IMG 07-12-2023/(0859 to 0926) GMT IMG_TIRI 10.8 um 07-12-2023/(1429 to 1456) IST L1C Mercator IMD, DELHI

TCIN50 DEMS 070900 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 070900 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

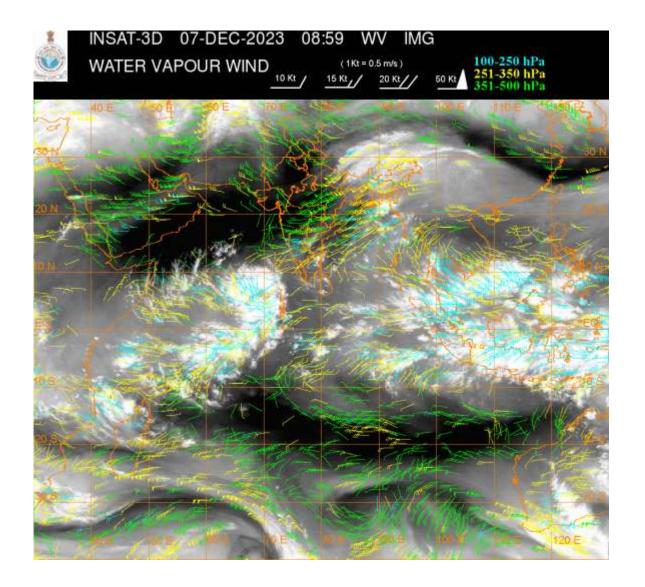
WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER CASPEAN SEA IRAN AFGAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

CONVECTION OVER SE ARSEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA AND N/HOOD PERSISTS DURING LAST 24 HRS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH E UP (.) SCT LOW/MED CLOUDS OVER J&K HP UTRKND W UP (.)

EAST:-

BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR SHWB SKM ARUPA ASSAM MEGHA BD AND WK TO MOD CONVTN OVER JHRKND GWB REST NE STATES (.) SCT LOW/MED CLOUDS OVER CHTGH ORS (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER E MP (.) SCT LOW/MED CLOUDS OVER E RAJ REST MP MAHA GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER RYLSMA NE TN NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER TLNGN COTL AP KRNTK REST TN KER ANDAMAN ILS & LKSDP ILS (.)

ARABIAN SEA:-

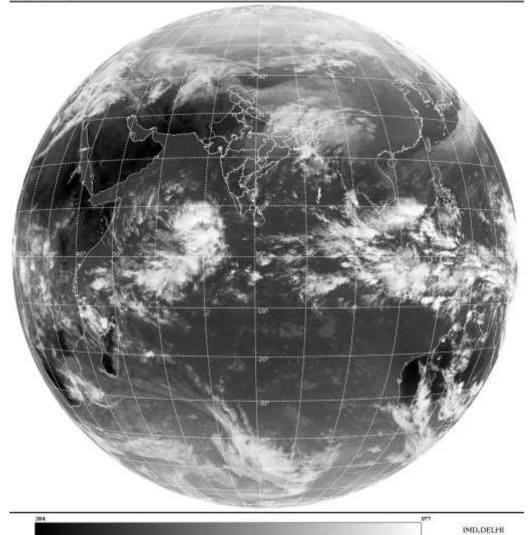
SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA AND MOD TO INT CONVTN OVER SW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N BAY AND ANDAMAN SEA AND ISOL WK TO MOD COVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-





SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES NEPAL BHUTAN TIBET CHINA MYANMAR S THAILAND GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA N MADAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 110.0E (.)

TOO 07/1530HRS IST=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	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
	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP	CTT	CLOUD TOP TEMPERATURE
TEMPERATURE		
	WK CONVTN	WEAK CONVECTION
		(CTT GREATER THAN −25□C)

CONVECTION INT CONVIN INTERSE CONVECTION (CTT BETWEEN 41DC TO 70DC) VINT CONVIN INTERSE CONVECTION (CTT BETWEEN 41DC TO 70DC) VINT CONVIN (CTT BETWEEN 41DC TO 70DC) VINT CONVIN (CTT LESS THAN -70 C) ARUPR ARUNACHAL PRADESH SUB-DIVISIONS, STATES & UNION TERITORIES ARUNACHAL PRADESH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH COTL ARUNACHAL PRADESH DELH HP HIMACHAL PRADESH JAKA JAMMU AND KASHMIR JIBRND JIBRND JIBRND JIBRND JIBRND JIBRND JIBRND JIBRND KER KERALA KEN KONKAN LESDP LAKSHADWEEP MMAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MRARATHWADA NAGA NAGALAND NCOTL AP PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL UTTARAKHAND VID VIDHARBHA SHWB SUB HIMALAYAN WEST BENGAL	I	MOD CONVTN	MODERATE CONVECTION
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES METEOROLOGICAL BBIR BIHAR CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANCETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASIIMIR JIHKND JIHAKHAND KER KERALA KEN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA 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 PIB PUNIAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SIIWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TILNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRIND UTTARAKHAND VID VIDHARBHA	CONVECTION		(CTT BETWEEN -25□C TO -40□C)
WITT CONVIN VERY INTERSE CONVECTION (CTT LESS THAN -70 IC) METEOROLOGICAL SUB-DIVISIONS, SUB-DIVISIONS, STATES & UNION TERITORIES BHR BHAR COTLAP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANCETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH JEKN 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 NCOTL AP PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TI.NGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTAR RADESH		INT CONVTN	
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NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND VID VIDHARBHA			-
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PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND VID VIDHARBHA		NAGA	NAGALAND
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		N COTL AP	
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		NIK	
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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		PJB	
SAU & 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 SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA		RYLSM	RAYALASEEMA
SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA		SAU & KUTCH	SAURASHTRA & KUTCH
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
SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA			
TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA			
TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA			
TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA			
UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA			
UTRKND UTTARAKHAND VID VIDHARBHA			
VID VIDHARBHA			
SHWB SUB HIMALAYAN WEST BENGAL			
		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