

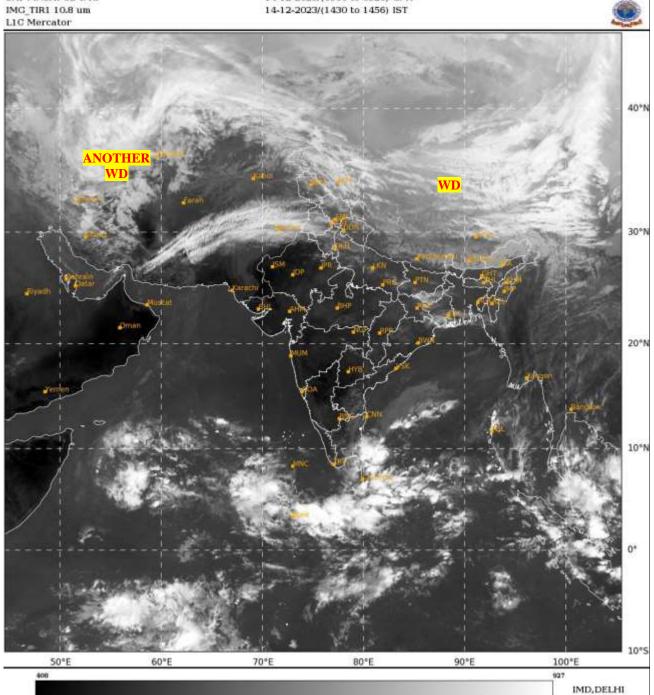
भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE **IMAGERIES AND PRODUCTS** 14.12.2023 TIME 0900 UTC

SAT: INSAT-3D IMG

14-12-2023/(0900 to 0926) GMT



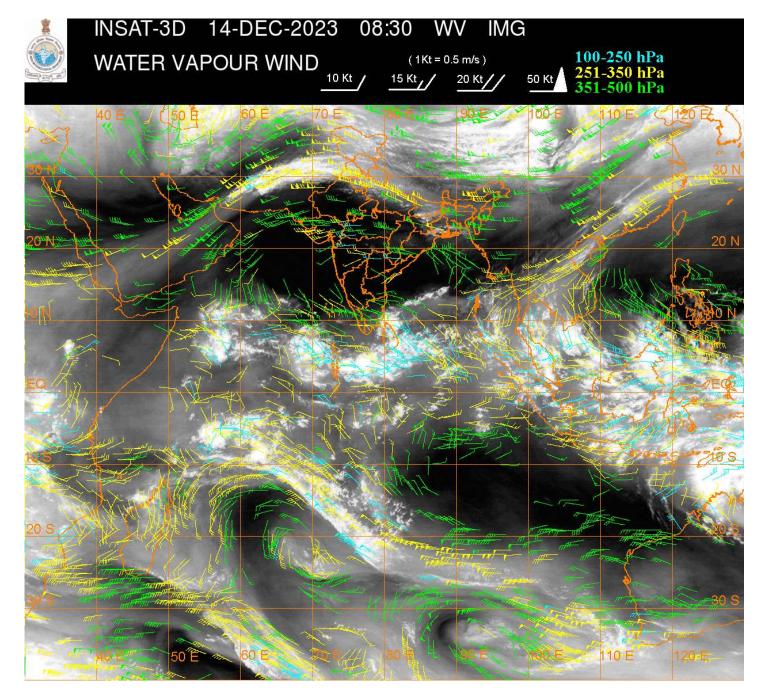
TCIN50 DEMS 140900 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 140900 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

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

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



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH AND WK TO MOD CONVTN OVER J&K N HP N UTRKND PJB (.) SCT LOW/MED CLOUDS OVER S HP UTRKND HARY DLH UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NE JHRKND S GWB SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER BHR N GWB SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS OVER N RAJ VID (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

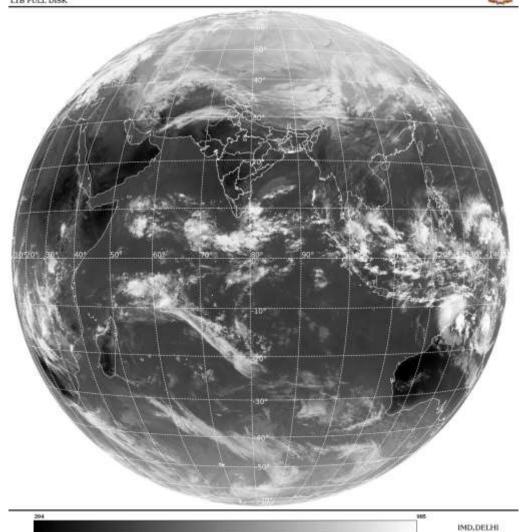
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ADJ CENTRAL BAY SOUTH ANDAMAN SEA AND WK TO MOD CONVTN OVER N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG Thermal infrared! Count 10,8 um L1B FULL DISK

14-12-2023/(0900 to 0926) GMT 14-12-2023/(1430 to 1456) IST





SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK TIBET CHINA YELLOW SEA GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 45.0E TO 100.0E AND BET LAT 10.0S TO 35.0S LONG 50.0E TO 100.0E (.)

TOO 14/1530 HRS 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 TEMPERATURE	CTT	CLOUD TOP 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 AR COTL ORS COASTAL ANDHRA PRADESH COTL KRNIK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL IIARY IIARYANA DLH DELHI HIP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JIBRND JIHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MIP 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
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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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SUB-DIVISIONS, STATES & UNION TERRITORIES 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 MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH ITERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAUKASHITRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TIN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHARBHA	METEOROLOGICAL	ARUPR	(CTT LESS THAN -70□C) ARUNACHAL PRADESH
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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 JHIRKND 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 SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TILNGN TELANGANA TN TELANGANA TN TELANGANA TN TELANGANA UTTARAKHAND VID VIDHARBHA		CHTGH	CHHATTISGARH
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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			
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			-
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		MRTHWD	MARATHWADA
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	
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		ORS	ORISSA
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