

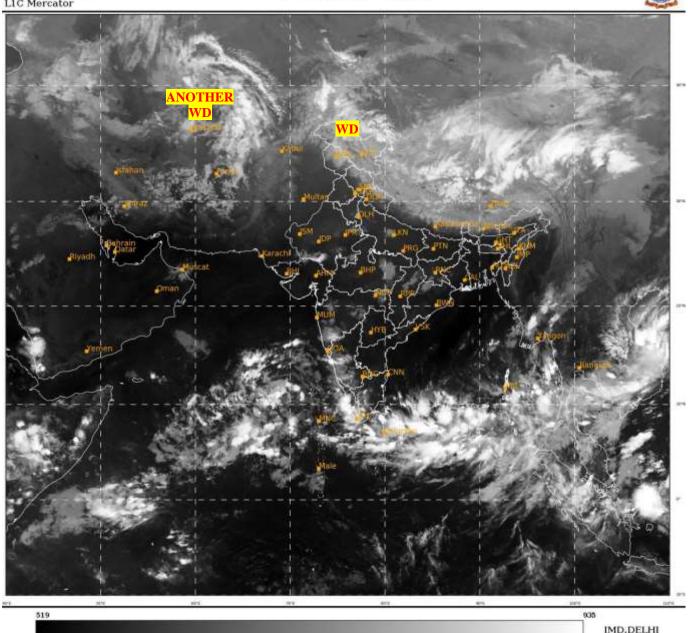
भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 17.10.2023 TIME 1800 UTC

SAT: INSAT-3D IMG IMG_TIR1 10.8 um L1C Mercator 17-10-2023/(1630 to 1656) GMT 17-10-2023/(2200 to 2226) IST





TCIN50 DEMS 171800 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 171630 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

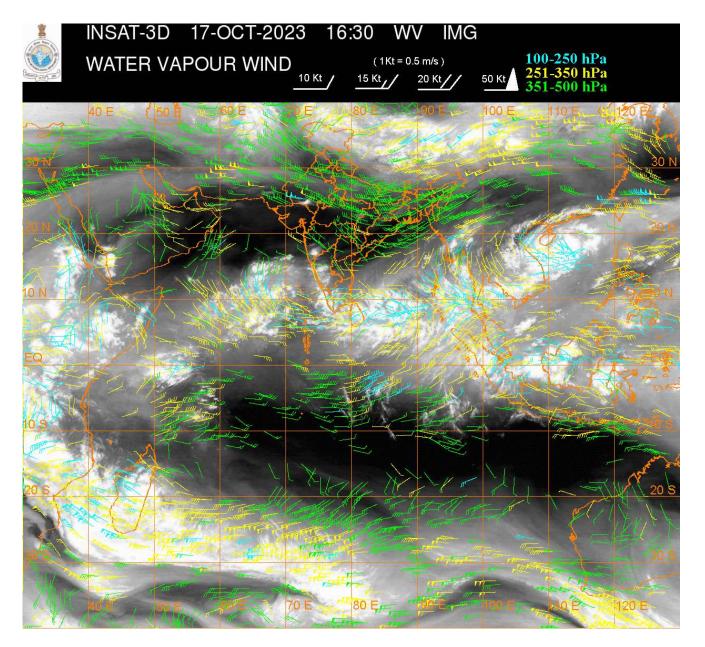
WESTERN DISTURBANCE (WD):-

SCT TO BKN MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND TIBET ADJ CHINA IN ASSW $\overline{\text{WD}}$ OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER TURKMENISTAN E IRAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER KER S TN (.)



CLOUDS DESCRIPTION WITHIN INDIA:

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N CHTGH S JHRKND NW ORS SKM ARUPR E MEGHA (.) SCT LOW/MED CLOUDS OVER BHR S CHTGH GWB SHWB REST NE STATES & BD (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT SC RAJ (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E RAJ E MP S M MAHA S KKN GOA MRTHWD NE VID (.) SCT LOW/MED CLOUDS OVER GUJ REST MAHA (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC ARSEA SOUTH ARSEA LKSDP ILS AREA AND WK TO MOD CONVTN OVER WC ARSEA COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY AND MOD TO INT CONVTN OVER EC BAY ANDAMAN SEA (.)

VORTEX OVER SOUTH CHINA SEA (EAST OF VIETNAM):-

VORTEX OVER SOUTH CHINA SEA (AREA F05) WITH CENTERED NEAR 15.7N / 109.5E (.) INTENSITY T1.5/1.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS UPTO 17-27 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 14.0N TO 20.0N LONG 107.0E TO 114.0E AND VIETNAM HAINAN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA NORTH MALDIVES N NEPAL TIBET CHINA S 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 MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 6.0S LONG 45.0E TO 100.0E (.)

TOO 17/2330 HRS IST=

NNNN

LEGEND:-

<u>D</u>		
	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%)
CLOUD DISTRIBUTION	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
	V INT CONVTN	
METEOROLOGICAL	ARUPR	(CTT LESS THAN -70□C) ARUNACHAL PRADESH
SUB- DIVISIONS, STATES & UNION TERITORIES	BHR	BIHAR
	CHTGH	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH
	COTL KRNTK	COASTAL KARNATAKA
	COTL ORS	COASTAL ORISSA

GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LARSHADWEEP MMAHA 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 RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND UTTARAKHAND VID VIDHABBHA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARSEA ARBIAN SEA IILS ISLANDS MISCELLANEOUS		GUJ	GUJARAT
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 SK SOUTH INTERIOR KARNATAKA SKM SIKKIM TILNGN 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		GWB	GANGETIC WEST BENGAL
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SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN TELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTRKND VID VIDHARBHA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ILS ISLANDS			
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UTRKND UTTARAKHAND VID VIDHARBHA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA ILS ISLANDS		TRP	TRIPURA
VID VIDHARBHA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA ILS ISLANDS		UP	UTTAR PRADESH
SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA ILS ISLANDS		UTRKND	UTTARAKHAND
GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA ILS ISLANDS		VID	VIDHARBHA
ARSEA ARABIAN SEA ILS ISLANDS		SHWB	SUB HIMALAYAN WEST BENGAL
ILS ISLANDS WIGGELY ANEOUS IN A SECONATION WITH		GWB	GANGETIC WEST BENGAL
MIGGELY ANEOLIC		ARSEA	ARABIAN SEA
MISCELLANEOUS ASSW IN ASSOCIATION WITH		ILS	ISLANDS
I AUD II	MISCELLANEOUS	ASSW	IN ASSOCIATION WITH
ASSTD ASSOCIATED			ASSOCIATED
LLC LOW LEVEL CIRCULATION			LOW LEVEL CIRCULATION
EMBDD EMBEDDED			EMBEDDED
N/HOOD NEIGHBOURHOOD			NEIGHBOURHOOD
EXT EXTREME		EXT	EXTREME