

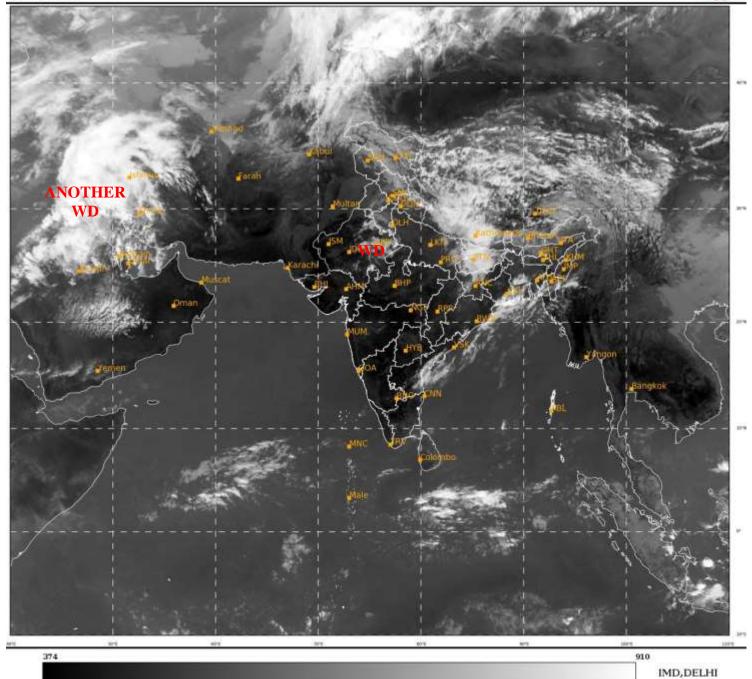
भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 08.03.2023 TIME 0600 UTC

SAT: INSAT-3D IMG IMG_TIR1 10.8 um L1C Mercator 08-03-2023/(0600 to 0627) GMT 08-03-2023/(1130 to 1157) IST





TCIN50 DEMS 080600

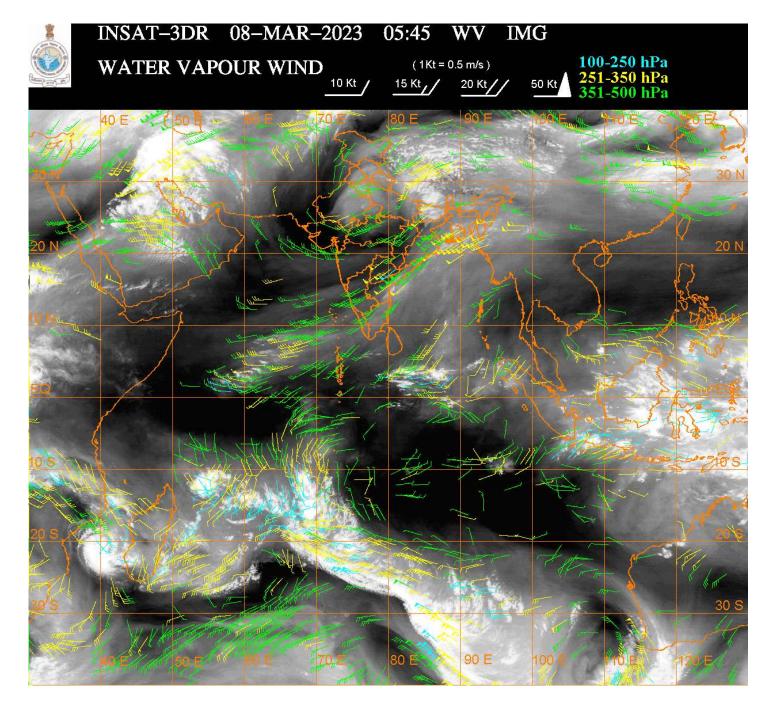
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 080600 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER RAJ MP HARY UP UTRKND NEPAL ADJ TIBET IN ASSW WD OVER THE AREA (.)

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



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E ADJ W RAJ (.) SCT LOW/MED CLOUDS OVER S MP MRTHWD VID(.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER S RYLSM COTL AP (.) SCT LOW/MED CLOUDS OVER SIK TN S ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

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

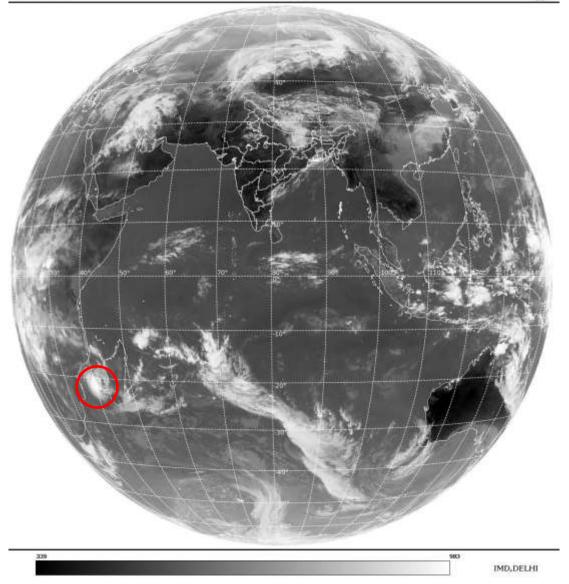
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC BAY OFF AP COAST & NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:

SAT : INSAT-3D IMG Thermal Infrared1 Count 10.8 um L1B FULL DISK 08-03-2023/(0600 to 0627) GMT 08-03-2023/(1130 to 1157) IST





VORTEX (FREDDY) OVER SOUTH MOZAMBIQUE CHANNEL:-

VORTEX (FREDDY) OVER SOUTH MOZAMBIQUE CHANNEL (AREA D75) CENTERED NEAR 21.4S / 40.5E (.) INTENSITY T5.0/5.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 90-119 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH MOZAMBIQUE CHANNEL & N/HOOD (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NEPAL TIBET CHINA SUMATRA STR OF MALACCA MALAYSIA BORNEO ADJ SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 5.0S LONG 80.0E TO 100.0E AND BET LAT 5.0S TO 30.0S LONG 40.0E TO 90.0E (.)

TOO 08/1240 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%)
SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVEN CLOUD TOP TEMPERATURE WK CONVEN CONVECTION (CIT BETWEEN - 25 °C C 10 - 40 °C) °C) °C C 10 °C C		SCT	SCATTERED (25 TO 50%)
CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25 IC) MOD CONVTN MODERATE CONVECTION (CTT GREATER THAN -25 IC) INT CONVTN MODERATE CONVECTION (CTT GREATER THAN -25 IC) INT CONVTN INTENSE CONVECTION (CTT LESS THAN -70 IC) WEAK CONVECTION (CTT LESS THAN -70 IC) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES ARUPR ARUNACHAL PRADESH BHR BIHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNIK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH NK NORTH COASTAL ANDHRA PRADESH NK ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL	CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
TEMPERATURE WK CONVIN WEAK CONVECTION (CTT GREATER THAN -25□C) MOD CONVIN MODERATE CONVECTION (CTT BETWEEN -25□C TO -40□C) INT CONVIN INTENSE CONVECTION (CTT BETWEEN -41□C TO -70□C) VINT CONVIN METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES ARUPR ARUNACHAL PRADESH BHR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH BELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MANI MANI MEGHA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH MRTHWD NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJ RAJASSTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		SLD	SOLID (GREATER THAN 75%)
WK CONVIN (CTT GREATER THAN -25□C) MOD CONVIN (CTT GREATER THAN -25□C) MOD CONVIN (CTT BETWEEN -25□C TO -40□C) INT CONVIN INFENSE CONVECTION (CTT BETWEEN -25□C TO -40□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) COTL LESS THAN -70□C) COTL ARTHER BIHAR CHIGH CHHATTISGARH COTL AP COASTAL KARNATAKA COTL ORS COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND N COTL AP NOETH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH		CTT	CLOUD TOP TEMPERATURE
MOD CONVITY MOD CONVITY INT CONVITY INT CONVITY INTENSE CONVECTION (CIT BETWEEN -4512C TO -4012C) INT CONVITY VINT CONVITY VINT CONVITY WERY INTENSE CONVECTION (CIT LESS THAN -7011C) ARUPR ARUNACHAL PRADESH BHR BHAR CHIGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH COTL AP GARGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MRACHALPRADESH MRTHWD MARATHWADA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL	TEMPERATURE	WK CONVTN	
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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		HARY	HARYANA
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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			
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		MRTHWD	MARATHWADA
PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		NAGA	NAGALAND
NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		N COTL AP	NORTH COASTAL ANDHRA
PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		NIK	
RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		ORS	ORISSA
RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		PJB	PUNJAB
SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		RAJ	RAJASTHAN
SHWB SUB-HIMALAYAN WEST BENGAL		RYLSM	RAYALASEEMA
		SAU & KUTCH	SAURASHTRA & KUTCH
		SHWB	SUB-HIMALAYAN WEST BENGAL
SIK SOUTH INTERIOR KARNATAKA		SIK	SOUTH INTERIOR KARNATAKA
SKM SIKKIM		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