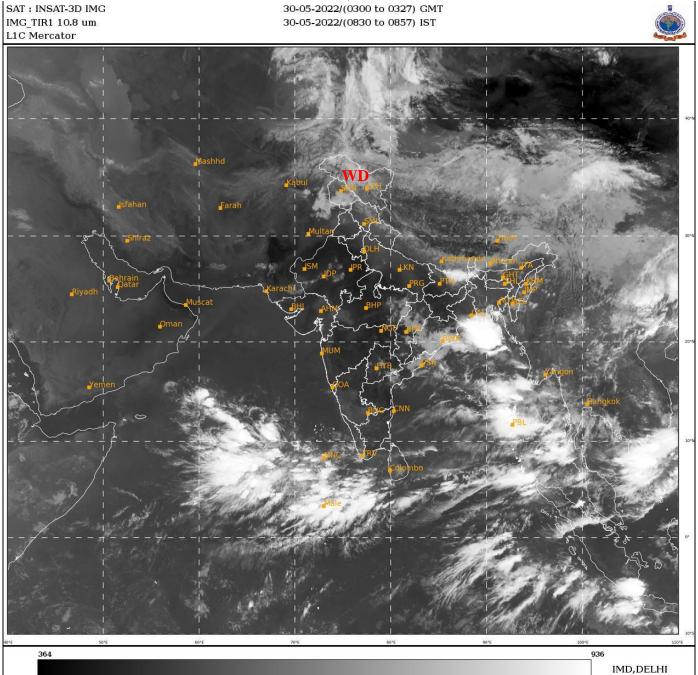


भारत मौसम विज्ञान विभाग पुथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE **IMAGERIES AND PRODUCTS** 30.05.2022 TIME 0300 UTC

SAT: INSAT-3D IMG



TCIN50 DEMS 300300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 300300 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 MULTILAYERED CLOUDS OVER NE PAK J&K LADAKH & N/HOOD IN ASSW WD OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER N BHR COTL ORS COTL GWB & ANDAMAN ILS (.)

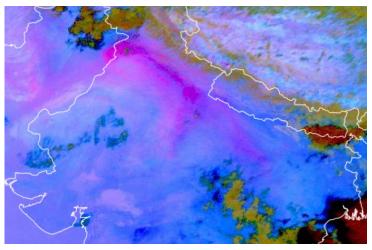
PRECIPITATION NOWCASTING:-

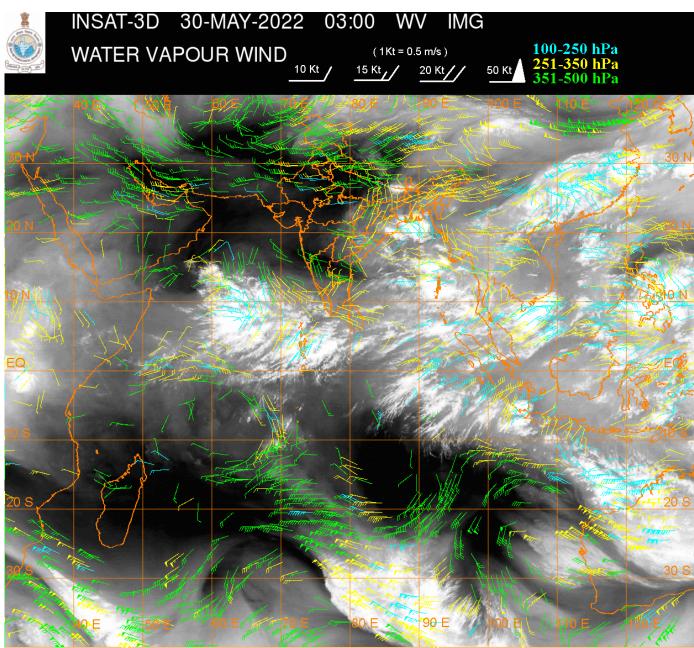
(BASED ON SCOPE NOWCASTING TOOL AT 0300 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-

RAINFALL UP TO 5-10 MM LIKELY OVER NE BHR N SHWB COTL GWB COTL ORS ANDAMAN ILS (.)

DUST:-

DUST PRODUCT OF METEOSAT-8 AT 0300 UTC INDICATES DUST OVER PJB N HARY N UP HP UTRKND (.)





CLOUDS DESCRIPTION WITHIN INDIA:

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER J&K LEDAKH (.) SCT LOW/MED CLOUDS OVER N PJB N HP N UTRKND (.)

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER E MP (.) SCT LOW/MED CLOUDS OVER RAJ GUJ SW MP E VID MADHYA MAHA KKN & GOA (.)

SOUTH:-

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

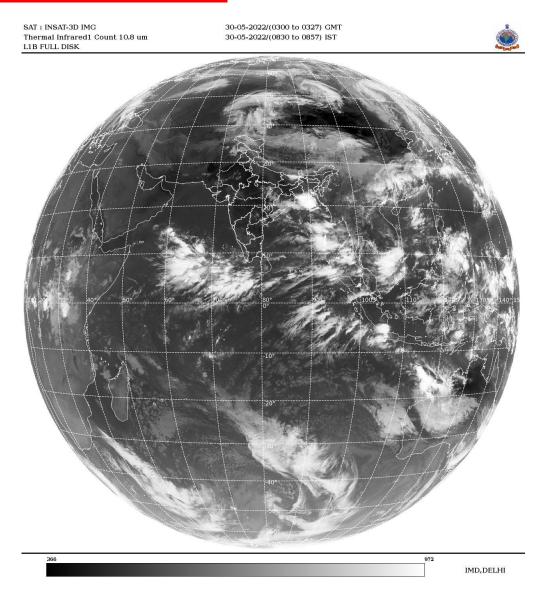
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ADJ SW ARSEA & ADJ WC ARSEA MALDIVES AREA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N BAY AND ALSO OVER EC ADJ SE BAY EAST OF LONG 90.0E & ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES E NEPAL TIBET CHINA THAILAND GULF OF THAILAND SUMATRA ADJ W COAST STR OF MALACCA MALAY PENINSULA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES E CHINA SEA AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N EAST OF LONG 60.0E AND BET EQ TO LAT 10.0S LONG 84.0E TO 110.0E (.)

TOO 30/0950 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%)

SCT	CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25 /0)
SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25°C) (CTT GREATER THAN -25°C) (CTT GREATER THAN -25°C) (CTT BETWEEN -25°C TO -40°C) (CTT BETWEEN -41°C TO -70°C) (CTT BETWEEN -41°C TO -40°C) (CT BETWEEN -41°		SCT	SCATTERED (25 TO 50%)
CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION WEAK CONVECTION WEAK CONVECTION WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVTN MOD CONVTN MOD CONVTN (CTT BETWEEN -41°C TO -40°C) INT CONVTN CTT BETWEEN -41°C TO -70°C) V INT CONVTN WEAK CONVECTION (CTT BETWEEN -41°C TO -70°C) V INT CONVTN WEAK CONVECTION (CTT BETWEEN -41°C TO -40°C) INTENSE CONVECTION (CTT LESS THAN -70°C) ARUPR ARUNACHAL PRADESH CHIGH CHIATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP MMAHA MAHA MAHARASHTRA MANI MANI MANI MANI MEGHA MIZO MIZORAM		BKN	BROKEN (51 TO 75%)
TEMPERATURE WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVTN 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 WERY INTENSE CONVECTION (CTT LESS THAN -70°C) VINT CONVTN METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES ARUPA ARUPA ARUNACHAL PRADESH CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH 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 MAHARASHTRA MAHA MAHARASHTRA MANI MEGHA MIZO MIZORAM		SLD	SOLID (GREATER THAN 75%)
TEMPERATURE WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVTN MOD CONVTN INTERNSE CONVECTION (CTT BETWEEN -25°C TO -40°C) INT CONVTN INTENSE CONVECTION (CTT BETWEEN -25°C TO -40°C) V INT CONVTN WERY INTENSE CONVECTION (CTT LESS THAN -70°C) V INT CONVTN WERY INTENSE CONVECTION (CTT LESS THAN -70°C) ARUPA ARUPA ARUNACHAL PRADESH CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH 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 MAHA MAHARASHTRA MANI MANI MEGHA MIZO MIZORAM	CLOUDS TOP	CTT	CLOUD TOP TEMPERATURE
CONVECTION MOD CONVTN MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)			
CONVECTION MOD CONVTN MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)		WK CONVTN	WEAK CONVECTION
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 INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C) V INT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUBDIVISIONS, STATES & UNION TERITORIES ARUPR ARUNACHAL PRADESH BHR BIHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ARNATAKA 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 MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MEGHALAYA MIZO MIZORAM		WK CONVIN	
(CTT BETWEEN -25°C TO -40°C)	CONVECTION	MOD CONVTN	`
INT CONVTN INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C) V INT CONVTN WERY INTENSE CONVECTION (CTT LESS THAN -70°C) WERT INTENSE CONVECTION (CTT LESS THAN -70°C) ARUPR ARUNACHAL PRADESH BHR BHR BHR BHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL ARS 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 MAHA MAHARASHTRA MANI MEGHA MEGHA MIZO MIZORAM			
V INT CONVTN		INT CONVTN	· ·
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES 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 MAHA MAHARASHTRA MANI MANI MANI MANI MANI MEGHA MIZO MIZORAM			(CTT BETWEEN -41°C TO -70°C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES ARUPR ARUNACHAL PRADESH BHR BHR BHR CHTGH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MANI MANI MEGHA MIZO MIZORAM		V INT CONVTN	VERY INTENSE CONVECTION
DIVISIONS, STATES & UNION TERITORIES BHR CHTGH CHATTISGARH 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 JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MAHA MAHARASHTRA MANI MEGHA MIZO MIZORAM			(CTT LESS THAN -70°C)
UNION TERITORIES 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 MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM	METEOROLOGICAL SUB-	ARUPR	ARUNACHAL PRADESH
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		DIID	DITTAD
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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 MAHA MAHARASHTRA MANI MANIPUR MEGHA MIZO MIZORAM		COTL KRNTK	COASTAL KARNATAKA
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		COTL ORS	COASTAL ORISSA
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DLH 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		GWB	GANGETIC WEST BENGAL
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		HARY	HARYANA
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		DLH	DELHI
JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		HP	HIMACHAL PRADESH
KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		J&K	JAMMU AND KASHMIR
KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		JHRKND	JHARKHAND
LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		KER	KERALA
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MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		LKSDP	LAKSHADWEEP
MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM		M MAHA	MADHYA MAHARASHTRA
MEGHA MEGHALAYA MIZO MIZORAM		МАНА	MAHARASHTRA
MIZO MIZORAM		MANI	MANIPUR
		MEGHA	MEGHALAYA
MP MADHYA PRADESH		MIZO	MIZORAM
		MP	MADHYA PRADESH
MRTHWD MARATHWADA		MRTHWD	MARATHWADA

	NAGA	NAGALAND
	N COTL AP	NORTH COASTAL ANDHRA PRADESH
	NIK	NORTH INTERIOR KARNATAKA
	ORS	ORISSA
	РЈВ	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