

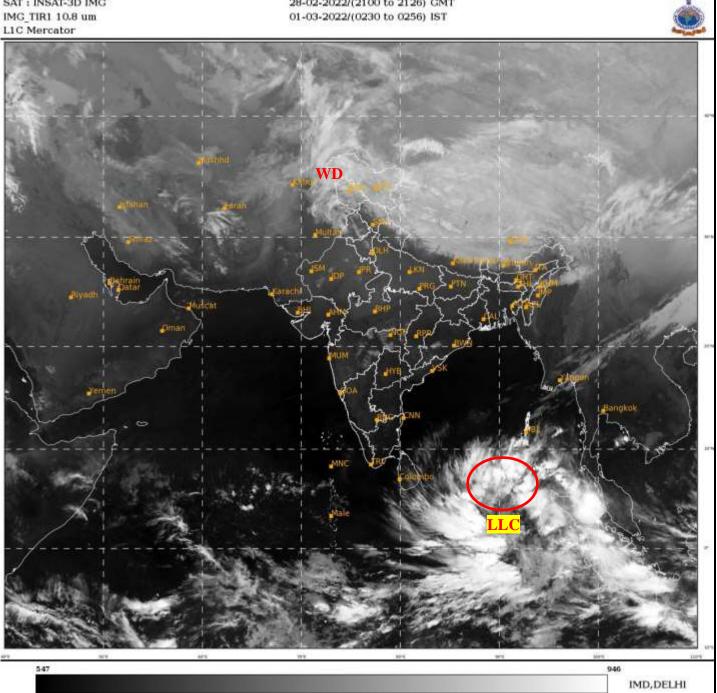
भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE **IMAGERIES AND PRODUCTS** 28.02.2022 TIME 2100 UTC

SAT : INSAT-3D IMG IMG_TIR1 10.8 um

28-02-2022/(2100 to 2126) GMT



TCIN50 DEMS 282100 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 282100 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 N PAK J&K LADAKH PJB HP AND N/HOOD IN ASSW WD **OVER THE AREA (.)**

LLC OVER SE BAY ADJ EQUITORIAL INDIAN OCEAN & N/HOOD:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVTN OVER SE BAY ADJ EQUATORIAL INDIAN OCEAN BET EQ TO 10.0N AND LONG 85.0E TO 94.0E IN ASSW LLC OVER THE AREA (.) (MINIMUM CTT MINUS 93 DEG C) (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW ORS SKM ARUPR N ASSAM NAGA (.) SCT LOW/MED CLOUDS OVER S CHTGH W ORS REST ASSAM MEGHA N MANI (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S RAJ SE MP VID MRTHWD (.) SCT LOW/MED CLOUDS OVER REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NICOBAR ILS AND WK CONVTN OVER ANDAMAN ILS $(.)\,$

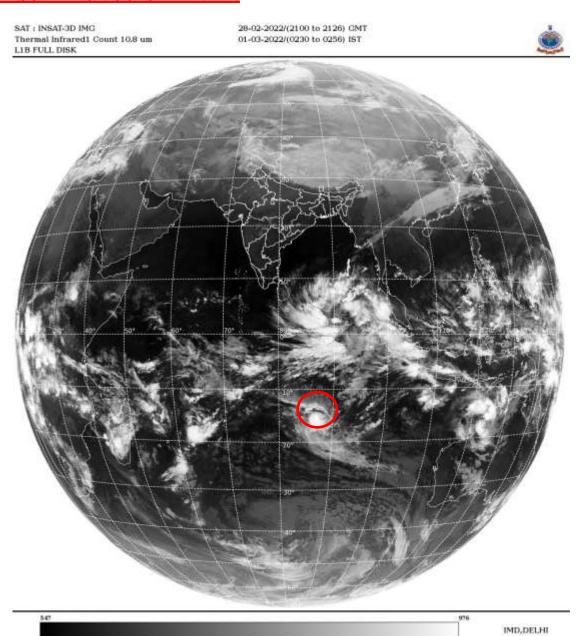
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN AND S ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY SOUTH OF LAT 10.0N (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:



VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX (VERNON) OVER SOUTH INDIAN OCEAN CENTERED NEAR 15.0S / 87.2E (.) INTENSITY T3.0/3.5 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 13.0S TO 17.5S LONG 85.0E TO 88.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA YELLOW SEA S MYANMAR THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO ADJ S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA S PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 18.0S EAST OF LONG 80.0E AND BET LAT 5.0N TO 28.0S LONG 44.0E TO 75.0E (.)

TOO 01/0430 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	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	VERY INTENSE CONVECTION
		(CTT LESS THAN -70°C)
METEOROLOGICAL SUB- DIVISIONS, STATES &	ARUPR	ARUNACHAL PRADESH
UNION TERITORIES	BHR	BIHAR
	СНТСН	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH

COTL ORS GUJ GUARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELII IIF HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKEN KONKAN LKSDP LAKSHADWEFP MAHA MADHYA MAHARASHTRA MANA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MKTHWD MARATHWADA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SURASHHALAYA WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TINGN TELANGANA TN TAMIL NADU TEP TRIPURA UP UTTAR PRADESH UTTRIND UTTAR KARNATAKA SHWB SUB HIMALAYAN WEST BENGAL SHWB SUB HIMALAYAN WEST BENGAL UTRIND UTTAR PRADESH UTTAR PRADESH UTTAR PRADESH UTTAR PARABENA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA AKABIAN SEA LIS ISLANDS MISCELLANEOUS ASSWU IN ASSOCIATED LIC LOW LEVEL CIRCULATION EMBDD EMBEDDED		COTL KRNTK	COASTAL KARNATAKA
GWB GANGETIC WEST BENGAL HARY HARYANA DLII DELIII HP HIMACHAL PRADESH JÆK JAMMU AND KASIMIR JHRKND JHARKHADD KER KERALA KKN KONKAN LKSDP LAKSHADWEEP MMAHA 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 PJB PUJJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA SKM SIKKIM TLNGN IELANGANA TN TAMIL NADU TRP TRIPURA UP UTTAR PRADESH UTTARKAHAND VID VIDHARBHA SHWB SUB HIMALAYAN WEST BENGAL GWB GANGETIC WEST BENGAL GWB GANGETIC WEST BENGAL GWB GANGETIC WEST BENGAL ARSEA ARABIAN SEA ILS SLANDS MISCELLANEOUS ASSW IN ASSOCIATED LLC LOW LEVEL CIRCULATION EMBEDDED		COTL ORS	
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MISCELLANEOUS ASSW IN ASSOCIATION WITH ASSTD ASSOCIATED LLC LOW LEVEL CIRCULATION EMBDD EMBEDDED		ARSEA	ARABIAN SEA
ASSTD ASSOCIATED LLC LOW LEVEL CIRCULATION EMBDD EMBEDDED		ILS	ISLANDS
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