



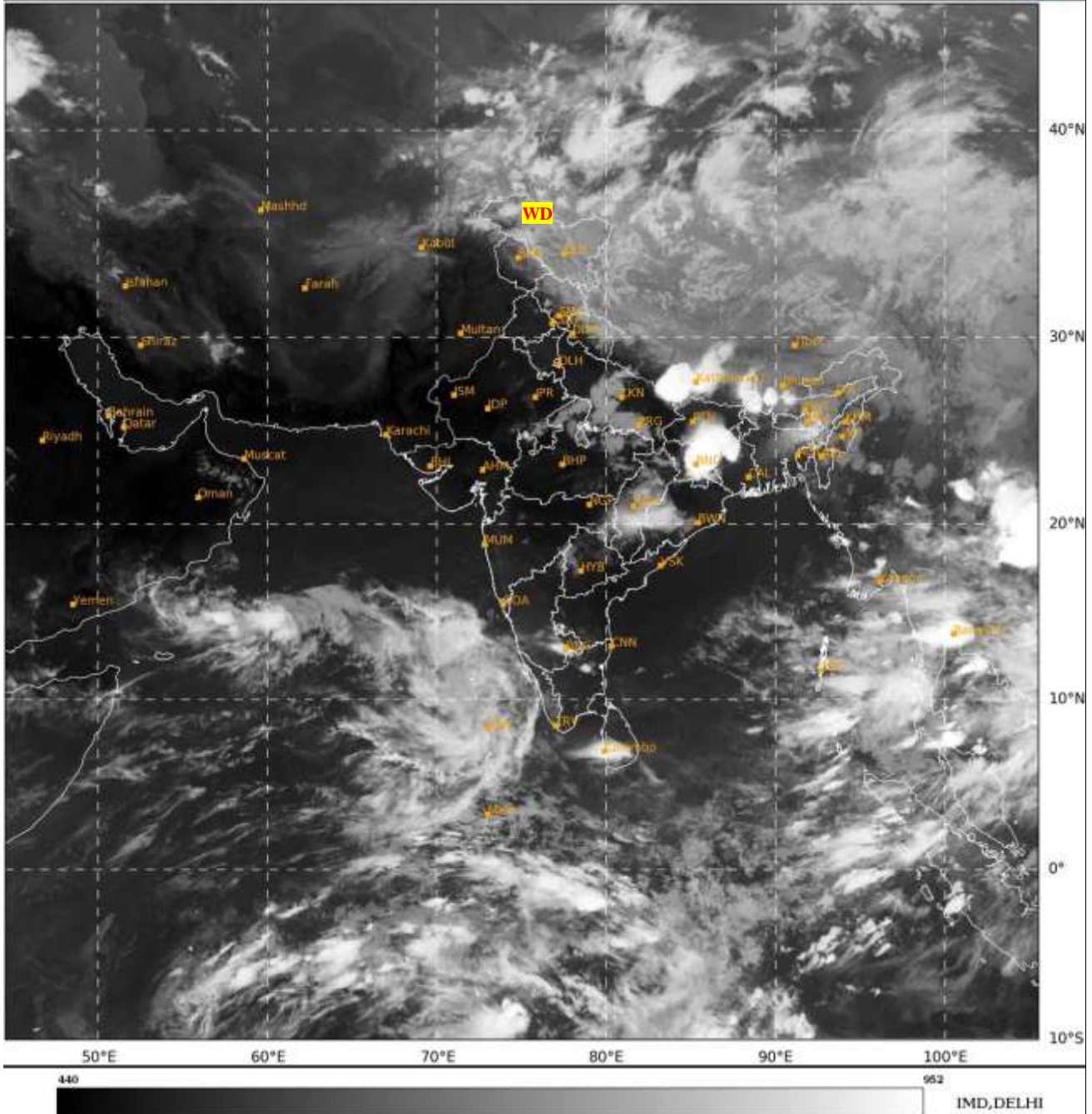
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
30.05.2024 TIME 1500 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

30-05-2024/(1500 to 1526) GMT
30-05-2024/(2030 to 2056) IST



TCIN50 DEMS 301500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 301500 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND NEPAL TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SE BHR ADJ N JHRKND NE UP SHWB S CHTGH ADJ S ORS SIK ADJ NW TN NICOBAR ILS (MINIMUM **CTT MINUS -93 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER E MEGHA ADJ NE BD LKSDP ILS AREA ANDAMAN ILS AREA (MINIMUM **CTT MINUS 50-65 DEG CEL**) (.)

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH INT TO V INT CONVTN OVER SE BHR ADJ NE JHRKND N GWB SHWB (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S CHTGH ADJ S ORS E MEGHA SKM AND WK TO MOD CONVTN OVER REST JHRKND N CHTGH REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST BHR S GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER E RAJ NW & E MP (.) SCT LOW/MED CLOUDS OVER VID KKN GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SIK ADJ NW TN COTL KER LKSDP ILS AREA ANDAMAN & NICOBAR ILS AND WK TO MOD CONVTN OVER N COTL AP N TLNGN NIK (.) ISOL TO SCT LOW/MED CLOUDS OVER REST TN RYLSM (.)

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC ARSEA SE ADJ EC ARSEA LKSDP ILS AREA MALDIVES AREA (MINIMUM **CTT MINUS 93 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA AND COMORIN AREA (.)

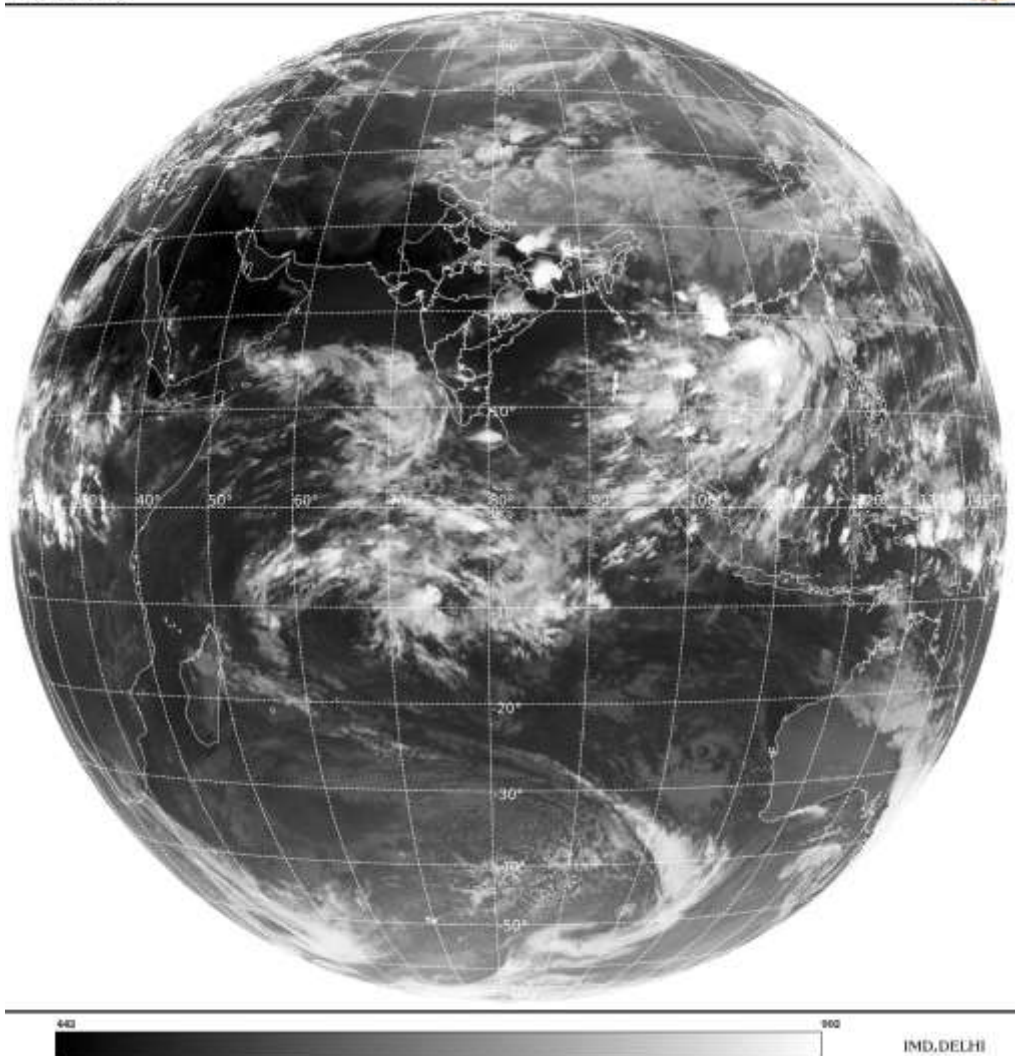
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN SEA (MINIMUM **CTT MINUS 90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ADJ EC BAY (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

30-05-2024/(1500 to 1526) GMT
30-05-2024/(2030 to 2056) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN TAIWAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 50.0E TO 100.0E (.)

TOO 30/2130 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES
	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE

CONVECTION	WK CONVNTN	WEAK CONVECTION (CTT GREATER THAN -25°C)	
	MOD CONVNTN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONVNTN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONVNTN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)	
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES	ARUPR	ARUNACHAL PRADESH	
	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	
	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	
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