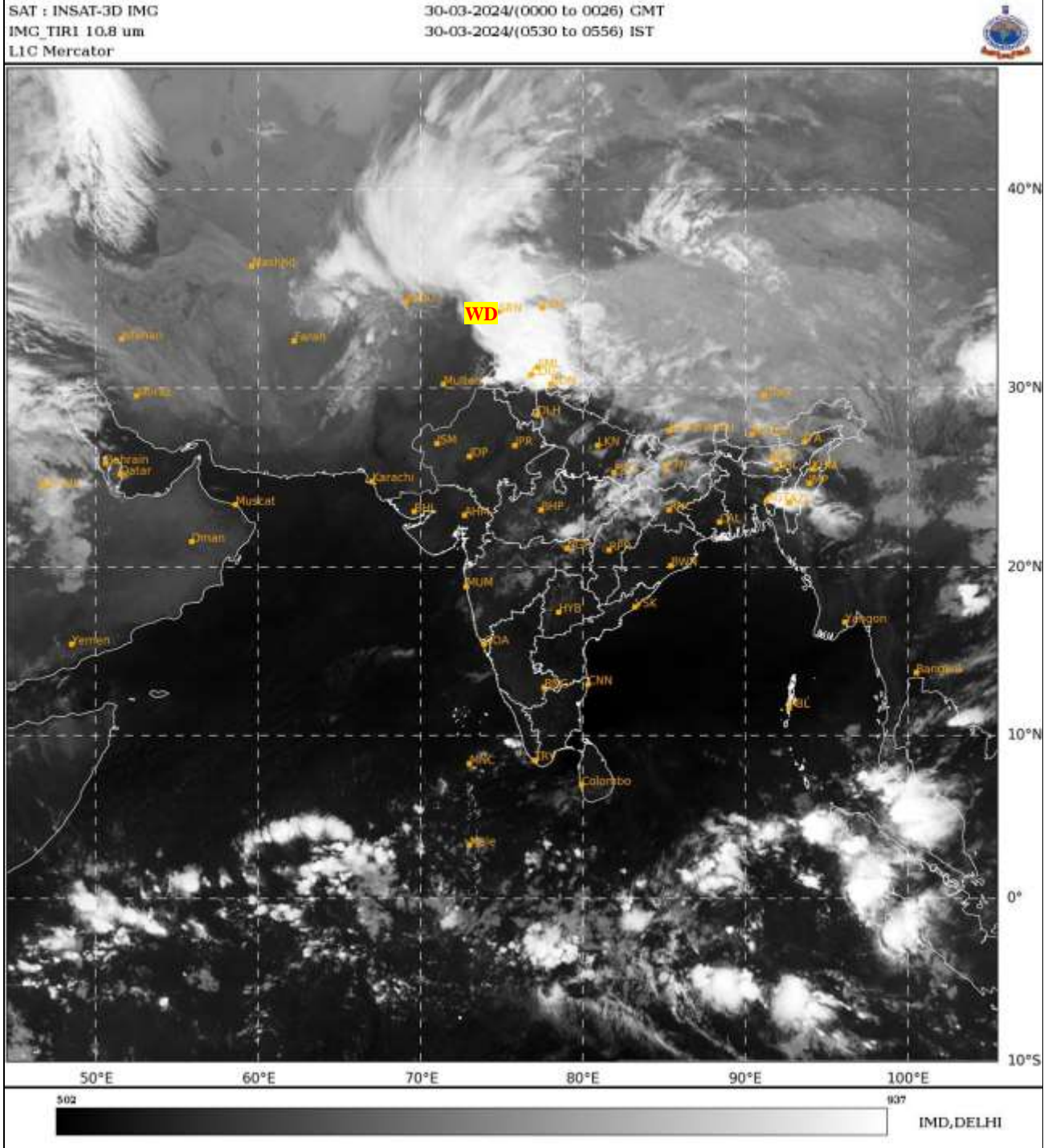




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
30.03.2024 TIME 0000 UTC



TCIN50 DEMS 300000

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 300000 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 TO BKN MULTILAYERED CLOUDS OVER AFGAN N PAK LADAKH J&K HP UTRKND PJB NE HARY UP E MP NEPAL AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER HP (MINIMUM CTT MINUS **90** DEG CEL) LADAKH J&K PJB UTRKND (MINIMUM CTT MINUS **75** DEG CEL) TRP MIZO ADJ S ASSAM (MINIMUM CTT MINUS **80** DEG CEL) (.)



INSAT-3D 30-MAR-2024 00:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

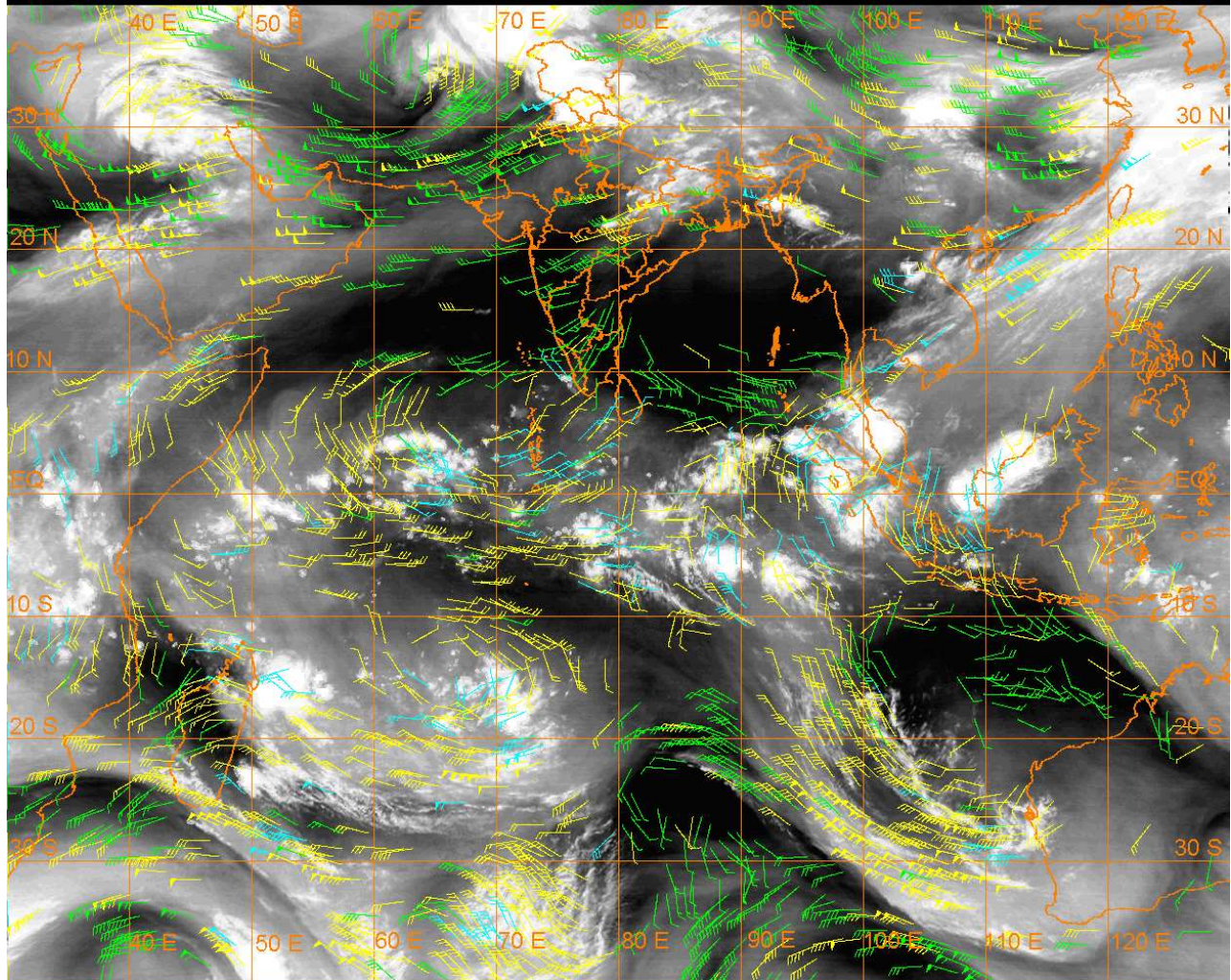
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER HP (MINIMUM CTT MINUS **90** DEG CEL) LADAKH J&K PJB (MINIMUM CTT MINUS **75** DEG CEL) NE HARY UTRKND EXT NW UP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER UP (.) SCT LOW/MED CLOUDS OVER REST HARY DLH (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TRP MANI MIZO ADJ S ASSAM (MINIMUM CTT MINUS **80** DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N CHTGH AND WK TO MOD CONVTN OVER BHR JHRKND SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER S CHTGH ORS GWB SHWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP AND ISOL WK TO MOD CONVTN OVER W MP MAHA (.) SCT LOW/MED CLOUDS OVER RAJ GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS OVER TLNGN E NIK KER TN LKSDP ILS ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT SC ARSEA ADJ EQUATORIAL INDIAN OCEAN AND LKSDP ADJ COMORIN AREA (.)

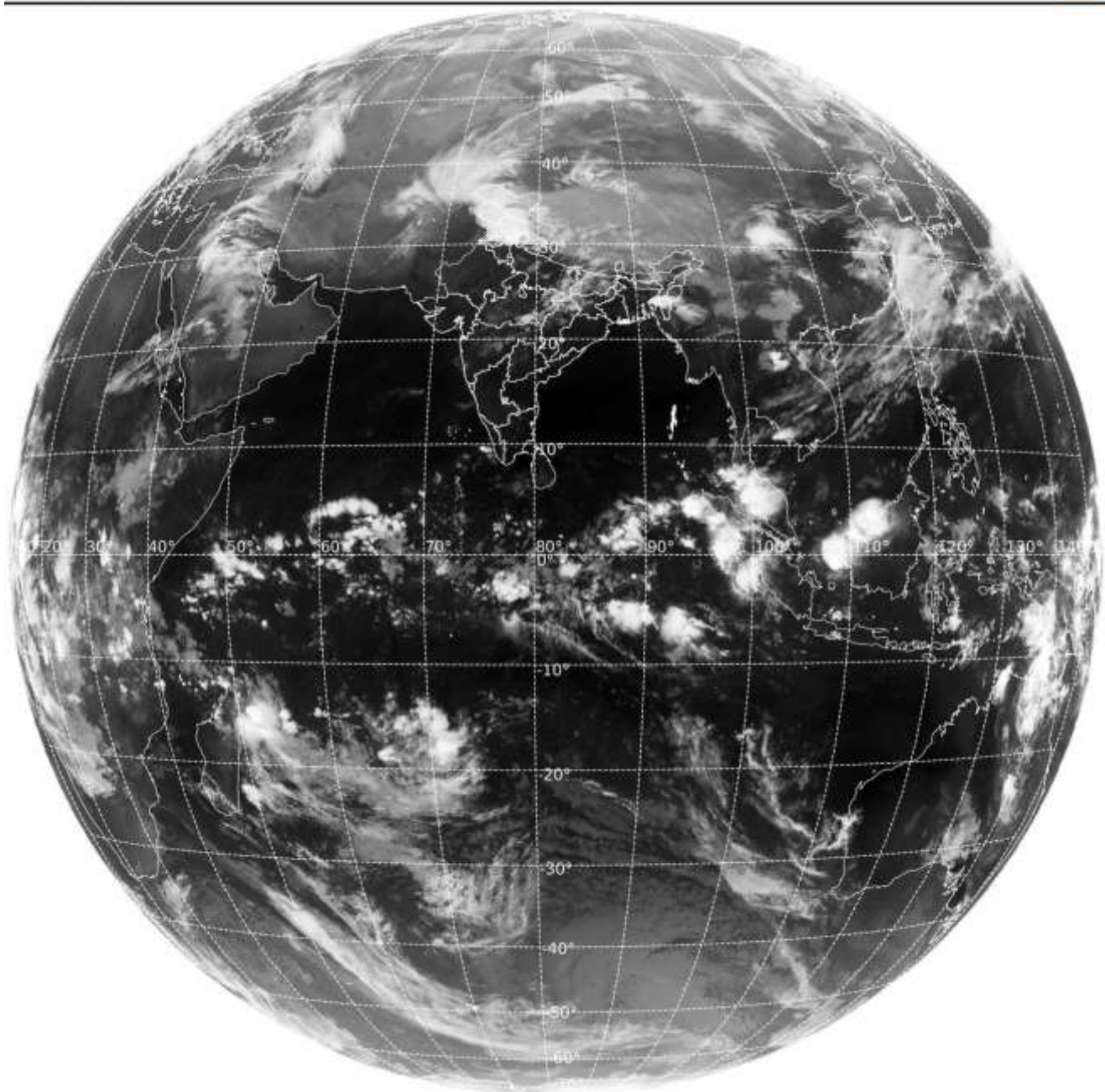
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT S ANDAMAN SEA AND SOUTH PARTS OF SE BAY ADJ EQUATORIAL INDIAN OCEAN (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3D IMG
 Thermal Infrared I Count 10.8 um
 LIB FULL DISK

30-03-2024/(0000 to 0026) GMT
 30-03-2024/(0530 to 0556) IST



IMD, DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES N PAK NEPAL BHUTAN TIBET CHINA N MYANMAR S THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM HAINAN TAIWAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA EAST CHINA SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 35.0S LONG 40.0E TO 110.0E (.)

TOO 30/0630 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
	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 CONV TN	WEAK CONVECTION (CTT GREATER THAN -25°C)	
	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONV TN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)	
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES	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