<mark>SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS</mark>
<mark>27.10.2023 TIME 0900 UTC</mark>

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
L1C Mercator

27-10-2023/(0900 to 0926) GMT
27-10-2023/(1430 to 1456) IST

403   946

IMD,DELHI
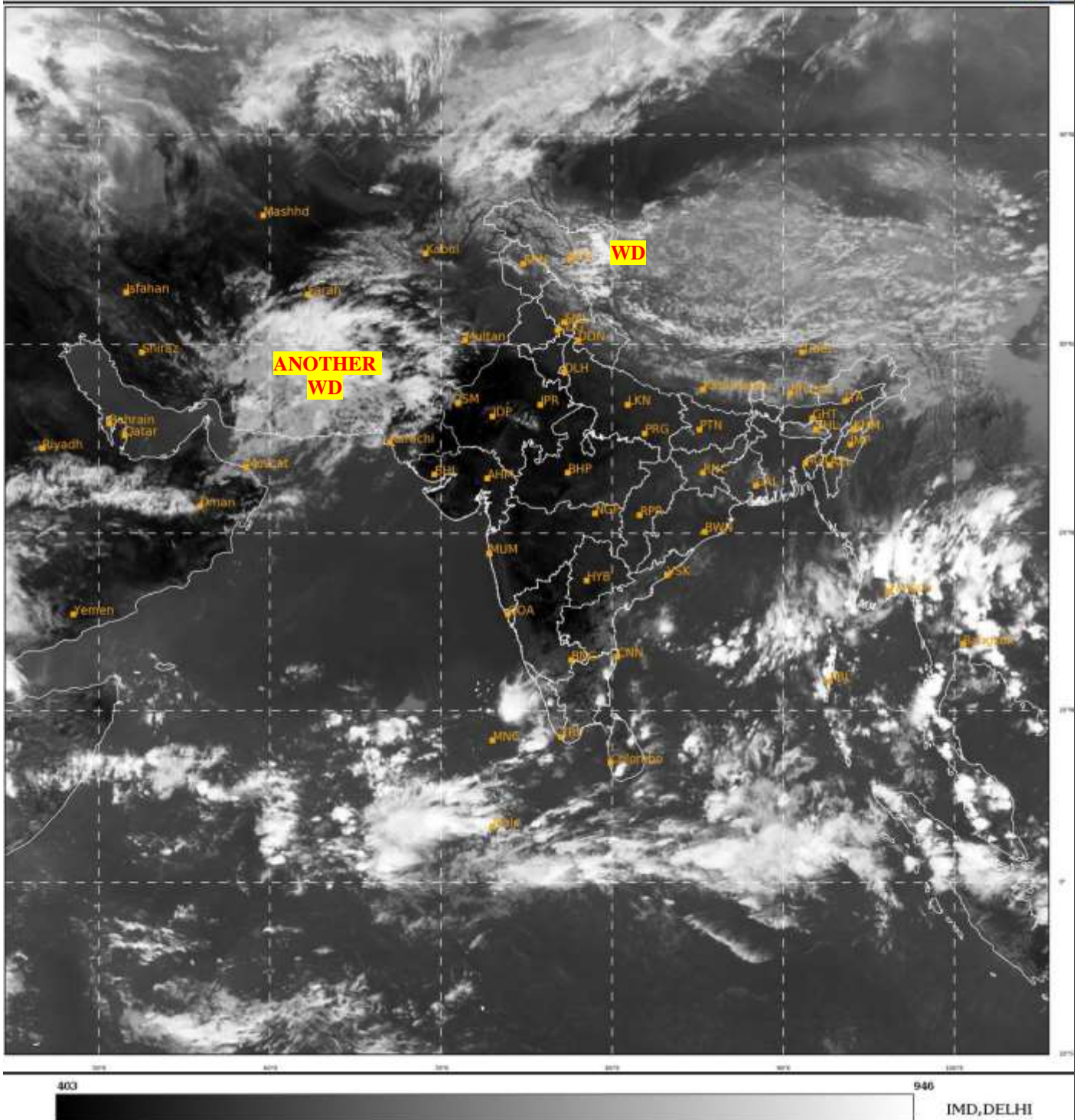
TCIN50 DEMS 270900
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 270900 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER E LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER SE IRAN S PAK AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

INSAT-3D 27-OCT-2023 08:00 WV IMG
WATER VAPOUR WIND
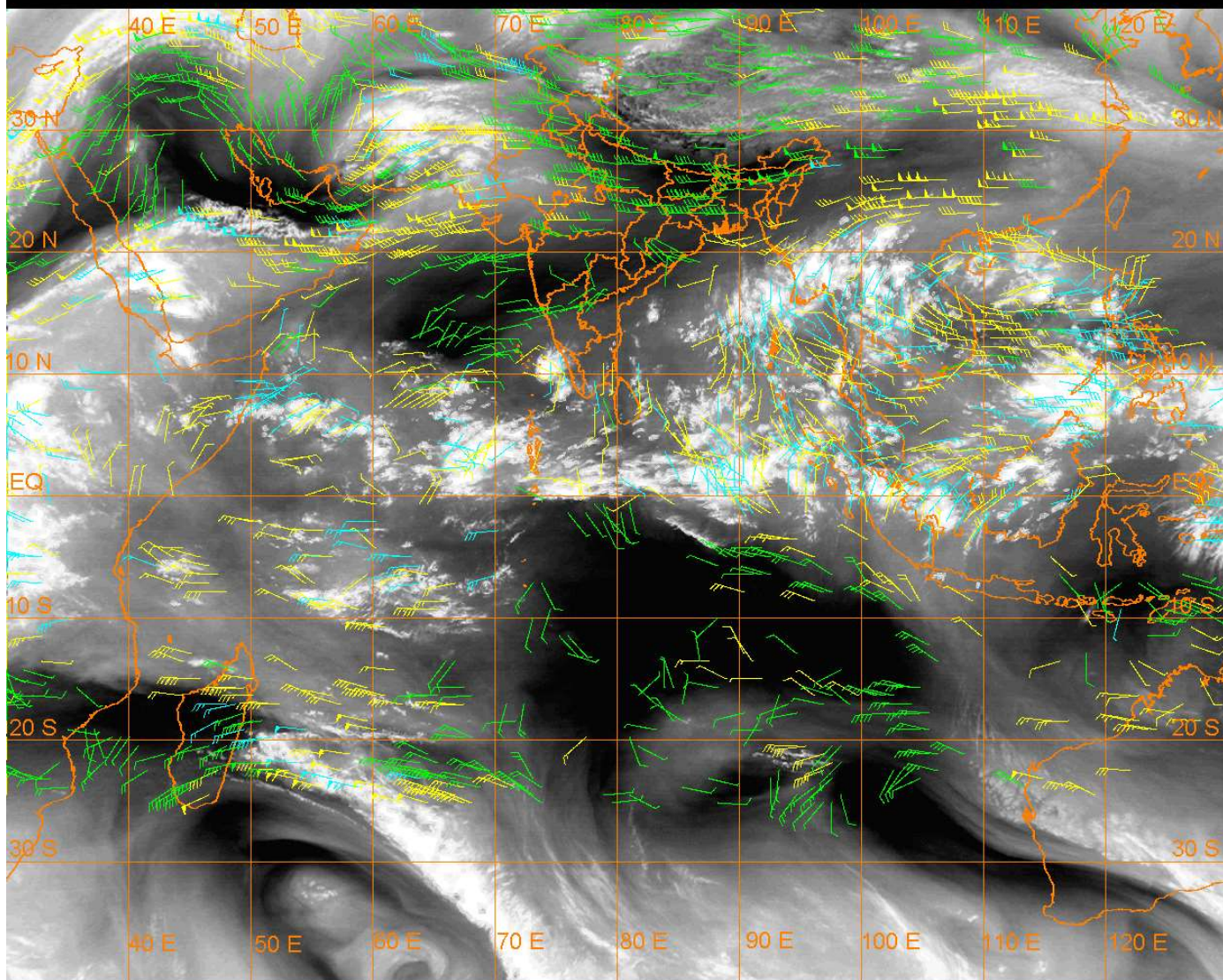(1Kt = 0.5 m/s)
10 Kt   15 Kt   20 Kt   50 Kt
100-250 hPa
251-350 hPa
351-500 hPa

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E LADAKH AND ISOL WK TO MOD CONVTN OVER W LADAKH J&K N HP N UTRKND (.) ISOL LOW/MED CLOUDS OVER S HP S UTRKND SE UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SKM ARUPR (.) SCT LOW/MED CLOUDS OVER BHR JHRKND N CHTGH ORS GWB NORTH SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS OVER S RAJ GUJ (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL KER N COTL TN EAST LKSDP ILS ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER COTL AP REST KER REST TN (.) SCT LOW/MED CLOUDS OVER SIK RYLSMA (.)
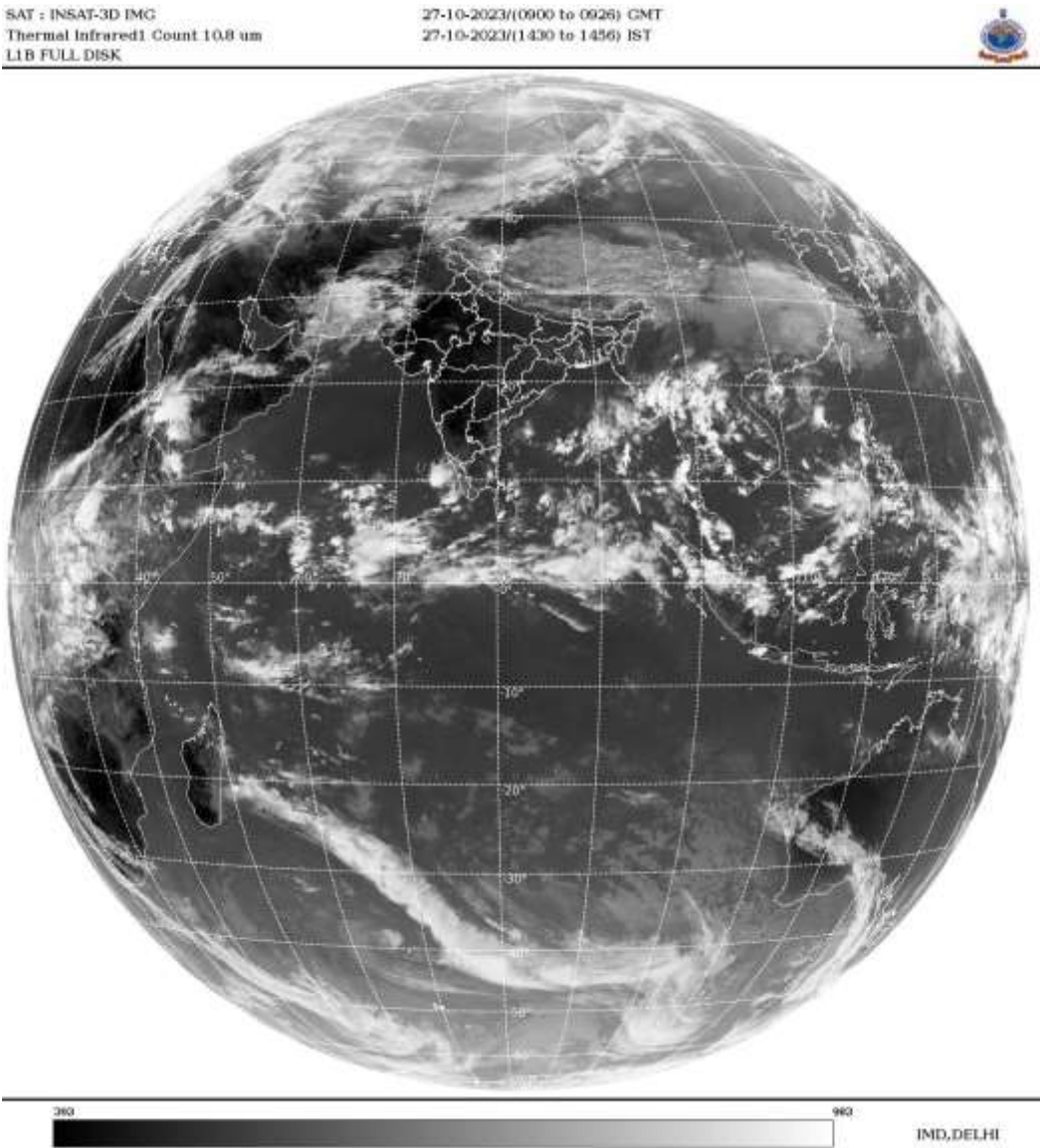
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER MAKARAN COAST ADJ NORTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH & CENTRAL BAY ANDAMAN SEA GULF OF MARTABAN (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

27-10-2023/(0900 to 0926) GMT
27-10-2023/(1430 to 1456) IST

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SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES S PAK TIBET CHINA S MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA ADJ W COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS PHILIPPINES AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N LONG 50.0E TO 100.0E AND BET LAT 5.0S TO 35.0S LONG 40.0E TO 70.0E (.)

TOO 27/1530 HRS IST=

NNNN

LEGEND:-

REGION	**NORTH**		**J&K HP PJB HARY DLH UP UTRKND**
	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**
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 CONVTN**	**WEAK CONVECTION (CTT GREATER THAN –25□C)**
	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 & 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**
MISCELLANEOUS	**ILS**	**ISLANDS**
	ASSW	**IN ASSOCIATION WITH**
	ASSTD	**ASSOCIATED**
	LLC	**LOW LEVEL CIRCULATION**
	EMBDD	**EMBEDDED**
	N/HOOD	**NEIGHBOURHOOD**
	EXT	**EXTREME**