



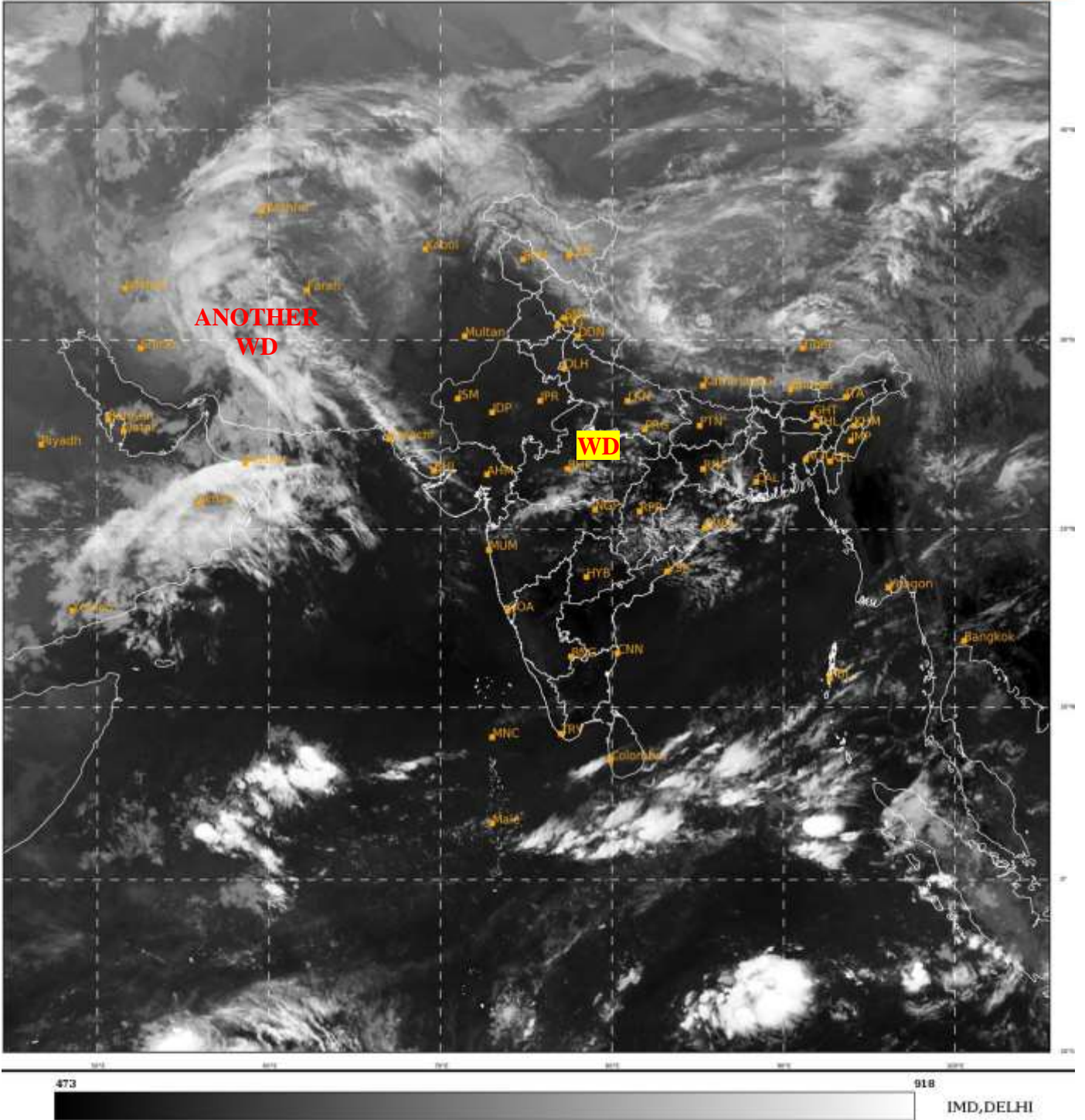
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
14.03.2023 TIME 0300 UTC

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

14-03-2023/(0300 to 0326) GMT
14-03-2023/(0830 to 0856) IST



TCIN50 DEMS 140300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 140300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

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

SCT MULTILAYERED CLOUDS OVER E IRAN AFGAN W PAK AND N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)



INSAT-3D 14-MAR-2023 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

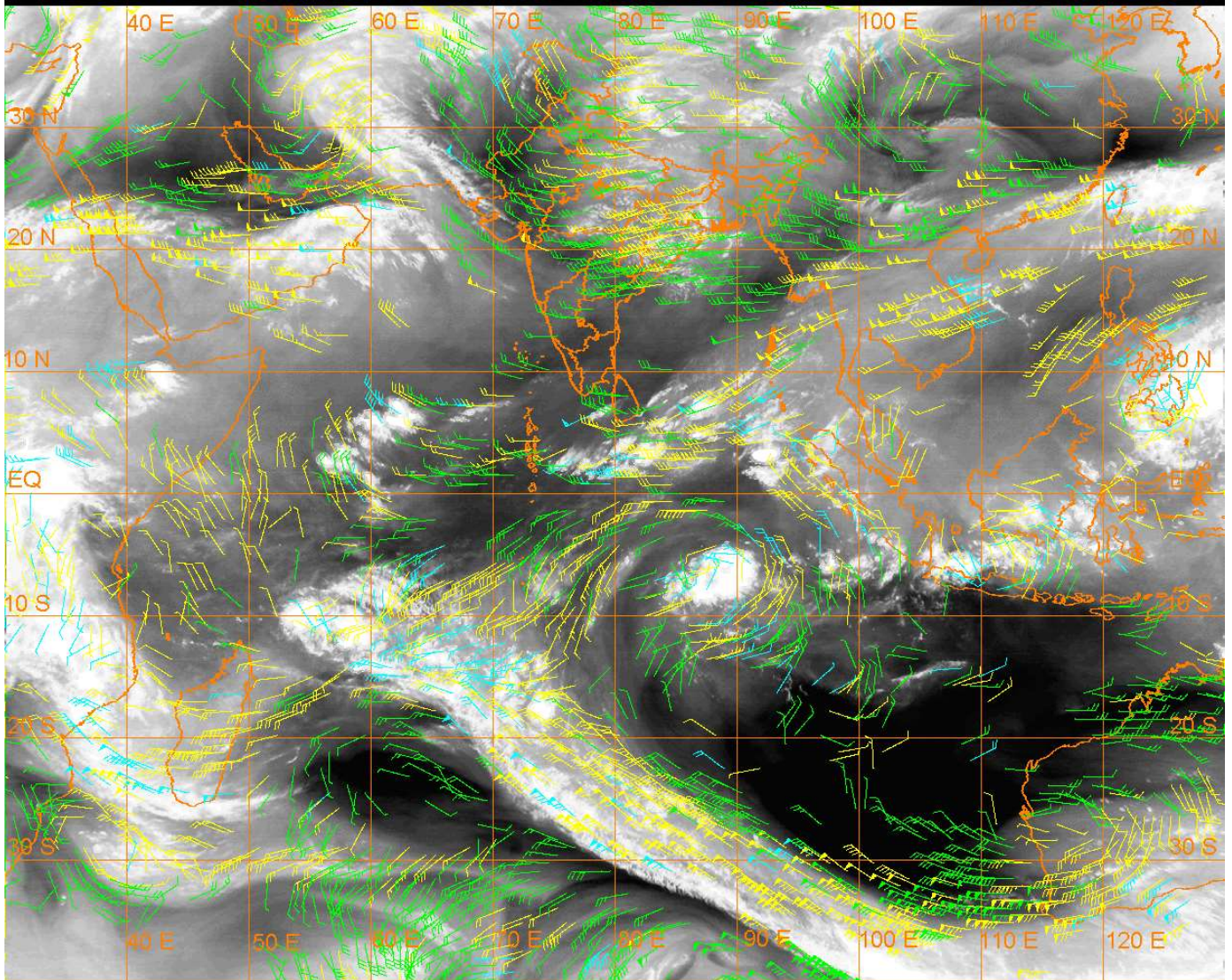
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONV TN OVER LADAKH E UP (.) SCT LOW/MED CLOUDS J&K HP UTRKND SW UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONV TN OVER ORS GWB AND ISOL WK TO MOD CONV TN OVER CHTGH E JHRKND SKM ARUPR (.) SCT LOW/MED CLOUDS OVER BHR W JHRKND SHWB NE ASSAM (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONV TN OVER EXTREME SW MP ADJ N VID AND ISOL WK TO MOD CONV TN OVER E MP W GUJ NORTH MADHYA MAHA (.) SCT LOW/MED CLOUDS OVER NW MP SE GUJ N KKN MRTHWDA REST VID (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONV TN OVER EXTREME N COTL AP & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER TLNGN S KER S TN ANDAMAN ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER NW ADJ WC ARSEA AND EXTREME SC ARSEA (.)

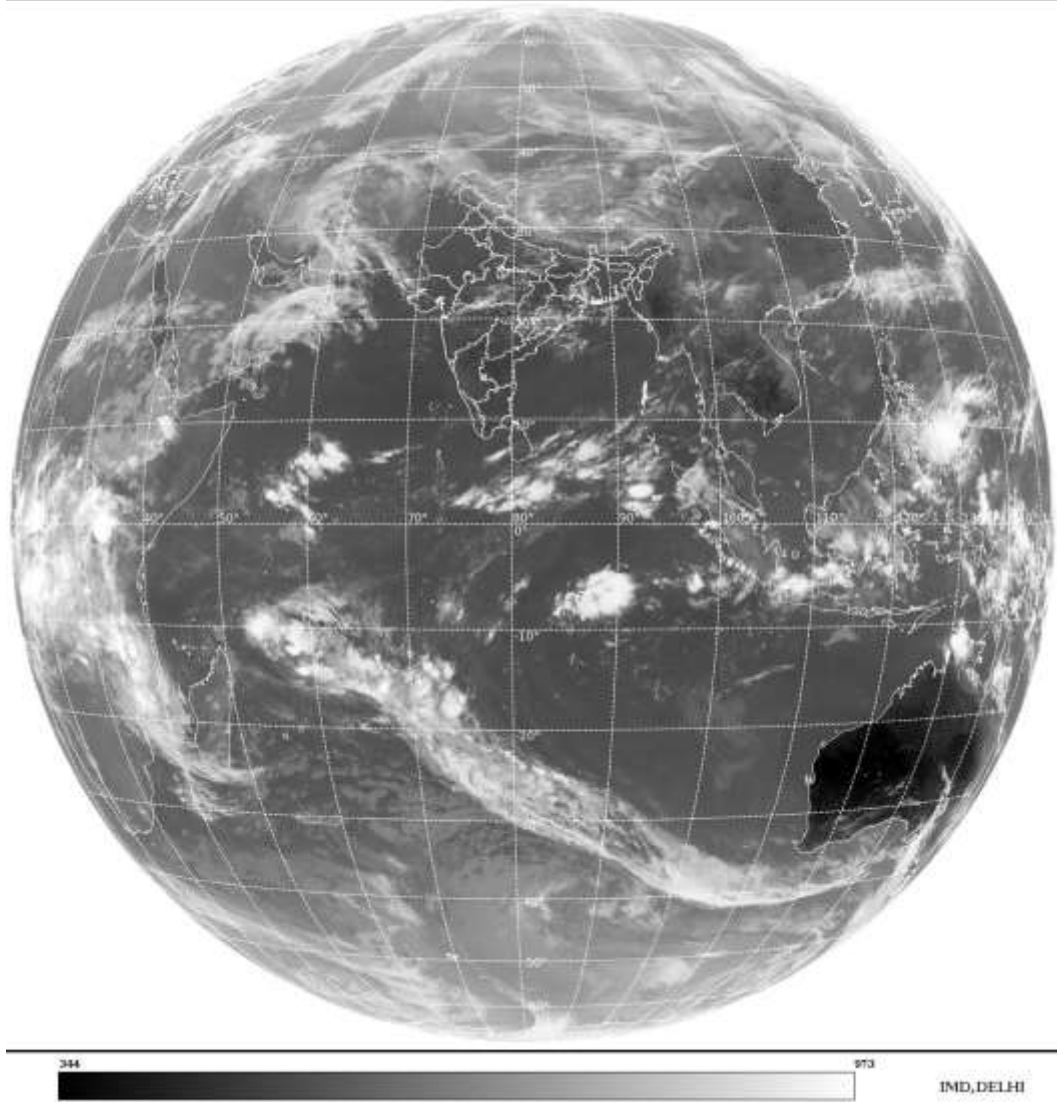
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SOUTH BAY SOUTH OF LAT 10.0N AND ISOL WK TO MOD CONV TN OVER NW ADJ WC BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

14-03-2023/(0300 to 0326) GMT
14-03-2023/(0830 to 0856) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA MYANMAR N VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO JAVA SEA CELEBES ILS & SEA PHILIPPINES MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 55.0E TO 100.0E AND BET LAT 10.0S TO 20.0S LONG 55.0E TO 75.0E AND BET LAT 20.0S TO 30.0S LONG 70.0E TO 90.0E (.)

TOO 14/0940 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 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