SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
29.07.2022 TIME 0300 UTC

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

29-07-2022/(0300 to 0326) GMT
29-07-2022/(0830 to 0856) IST

358   928

IMD,DELHI
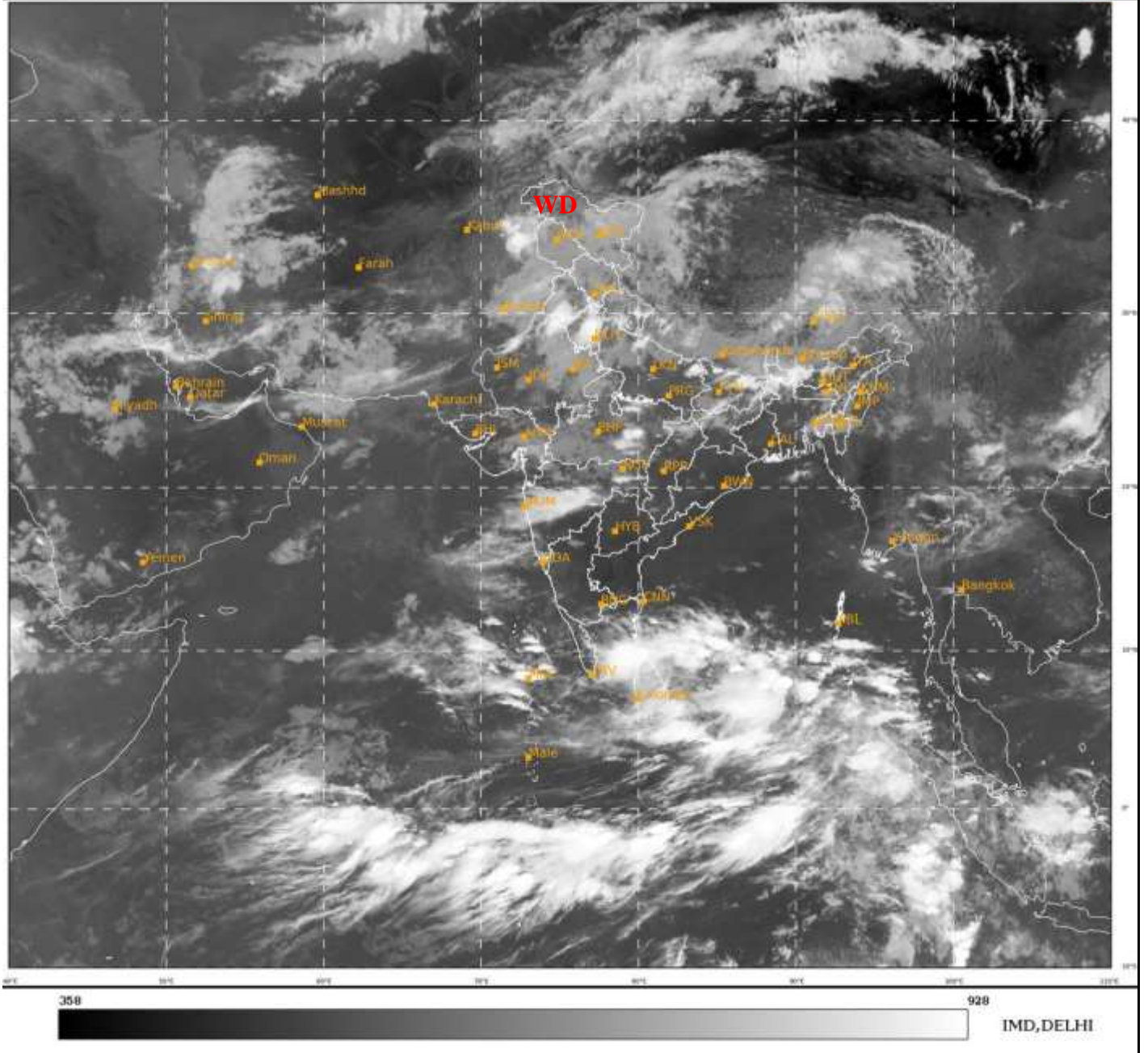
TCIN50 DEMS 290300
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 290300 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 30.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD) :-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

CONVECTIVE ACTIVITIES :-

CONVECTIVE ACTIVITIES OBSERVED OVER S PJB HARY DLH UTRKND N UP N BHR SHWB W ASSAM E MP MAHA S TN (.)

INSAT-3D 29-JUL-2022 03:00 WV IMG
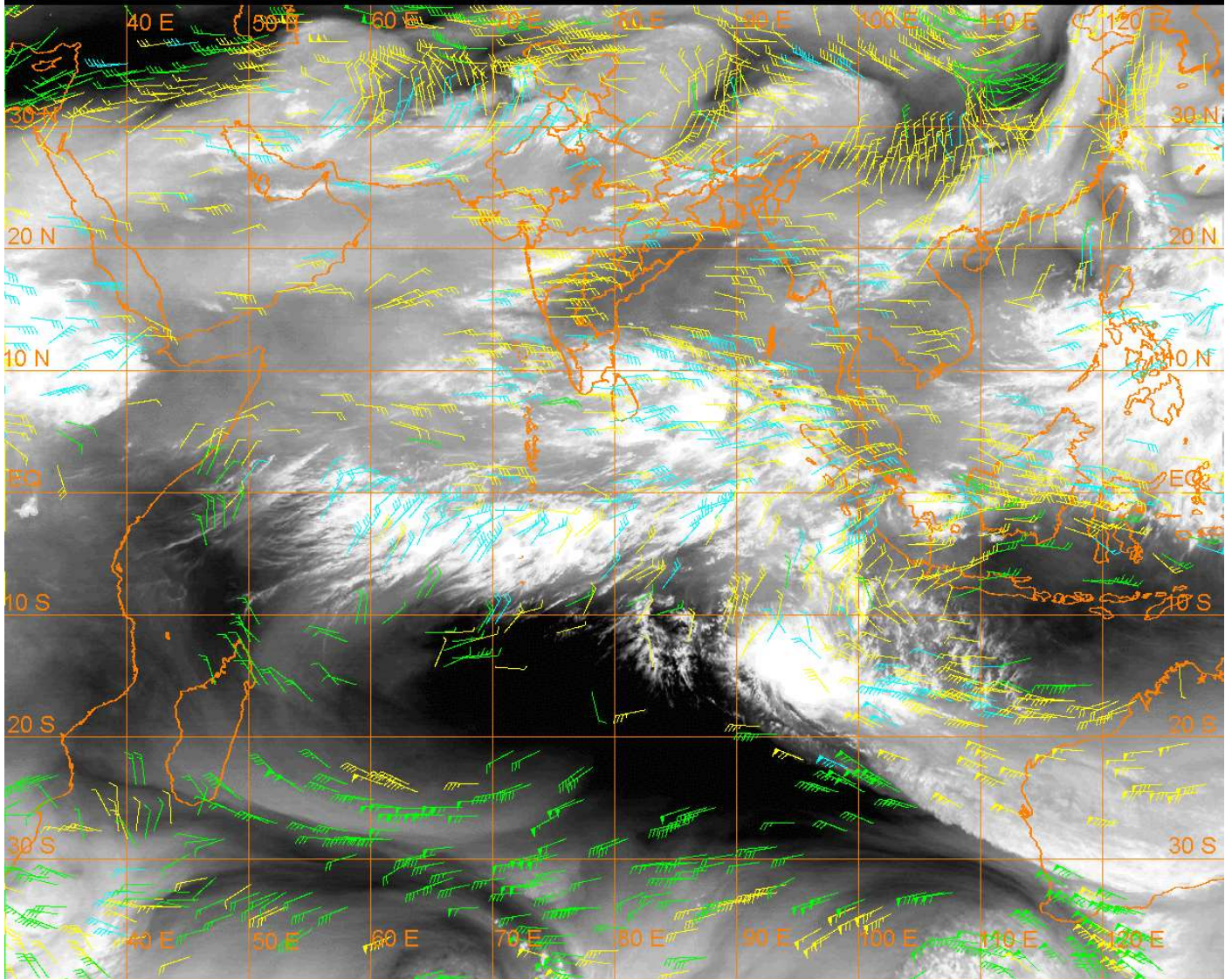WATER VAPOUR WIND
(1Kt = 0.5 m/s)
10 Kt 15 Kt 20 Kt 50 Kt
100-250 hPa
251-350 hPa
351-500 hPa

CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR SHWB W ASSAM (.) SCT LOW/MED CLOUS WITH EMBDD WK TO MOD CONVTN OVER N CHTGH N JHRKND SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER S CHTGH S JHRKND ORS GWB (.)

WEST:-

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

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT OVER S COTL TN AND MOD TO INT CONVTN OVER REST TN S ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUS WITH EMBDD WK TO MOD CONVTN OVER KER LKSDP ILS (.) SCT LOW/MED CLOUDS OVER TLNGN KRNTK RYLSM COTL AP (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA LKSDP ILS AREA COMORIN AREA (.) SCT LOW/MED CLOUS WITH EMBDD WK TO MOD CONVTN OVER EC ARSEA (.)
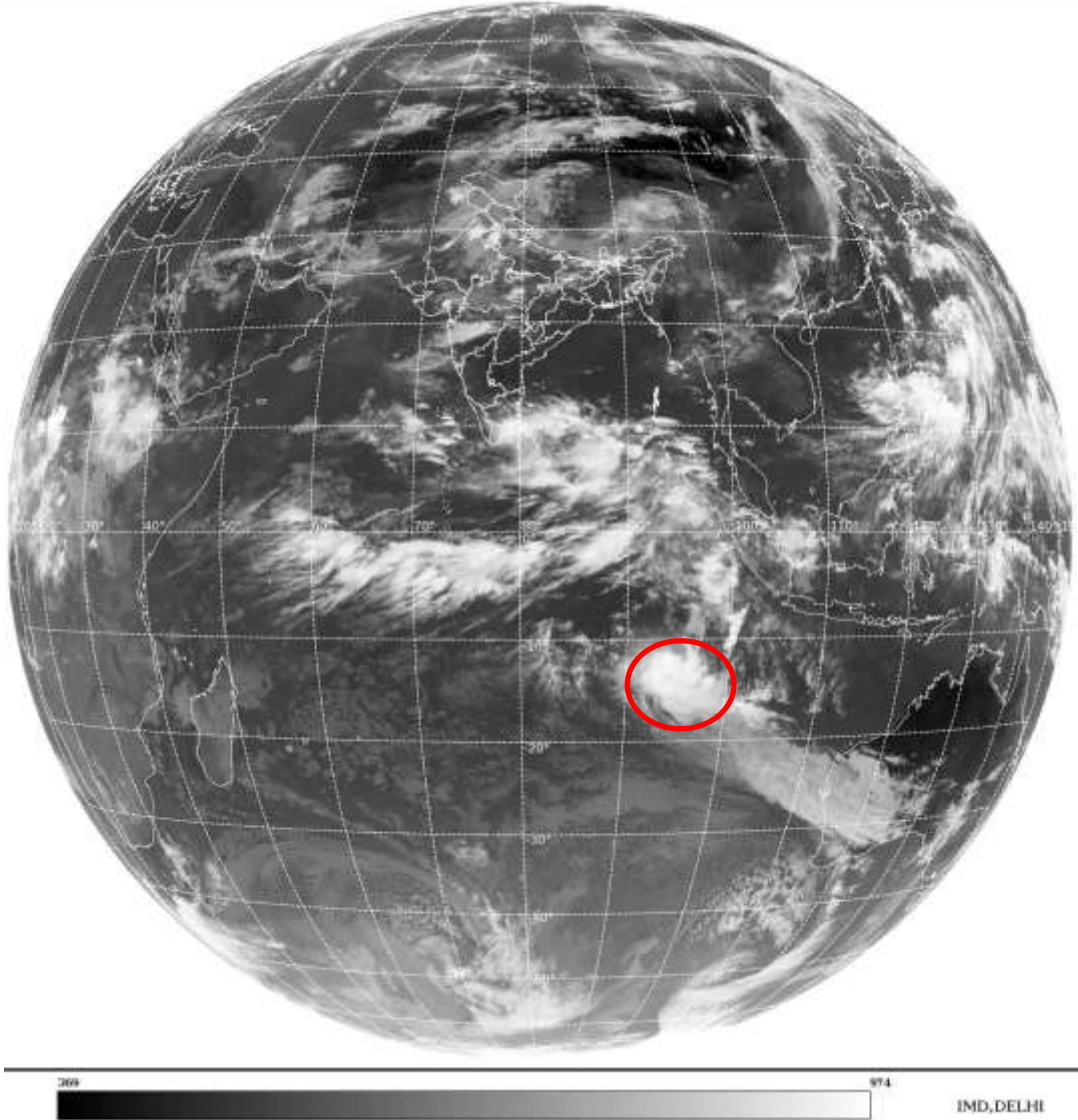
SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-


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SAT : INSAT-3D IMG              29-07-2022/(0300 to 0326) GMT
Thermal Infrared1 Count 10.8 um  29-07-2022/(0830 to 0856) IST
L1B FULL DISK
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369   974
IMD,DELHI

VORTEX OVER S INDIAN OCEAN :-

VORTEX OVER S INDIAN OCEAN LIES NEAR 11.5S/95.0E (.) INTENSITY T2.5 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S INDIAN OCEAN BET LAT 10.0S TO 17.0S LONG 92.0E TO 98.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA LAOS N VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET EQ TO LAT 10.0S LONG 55.0E TO 80.0E AND BET LAT 5.0N TO 20.0S LONG 80.0E TO 110.0E (.)

TOO 29/0930 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%)
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 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
	ILS	ISLANDS
MISCELLANEOUS	ASSW	IN ASSOCIATION WITH
	ASSTD	ASSOCIATED
	LLC	LOW LEVEL CIRCULATION
	EMBDD	EMBEDDED
	N/HOOD	NEIGHBOURHOOD
	EXT	EXTREME