

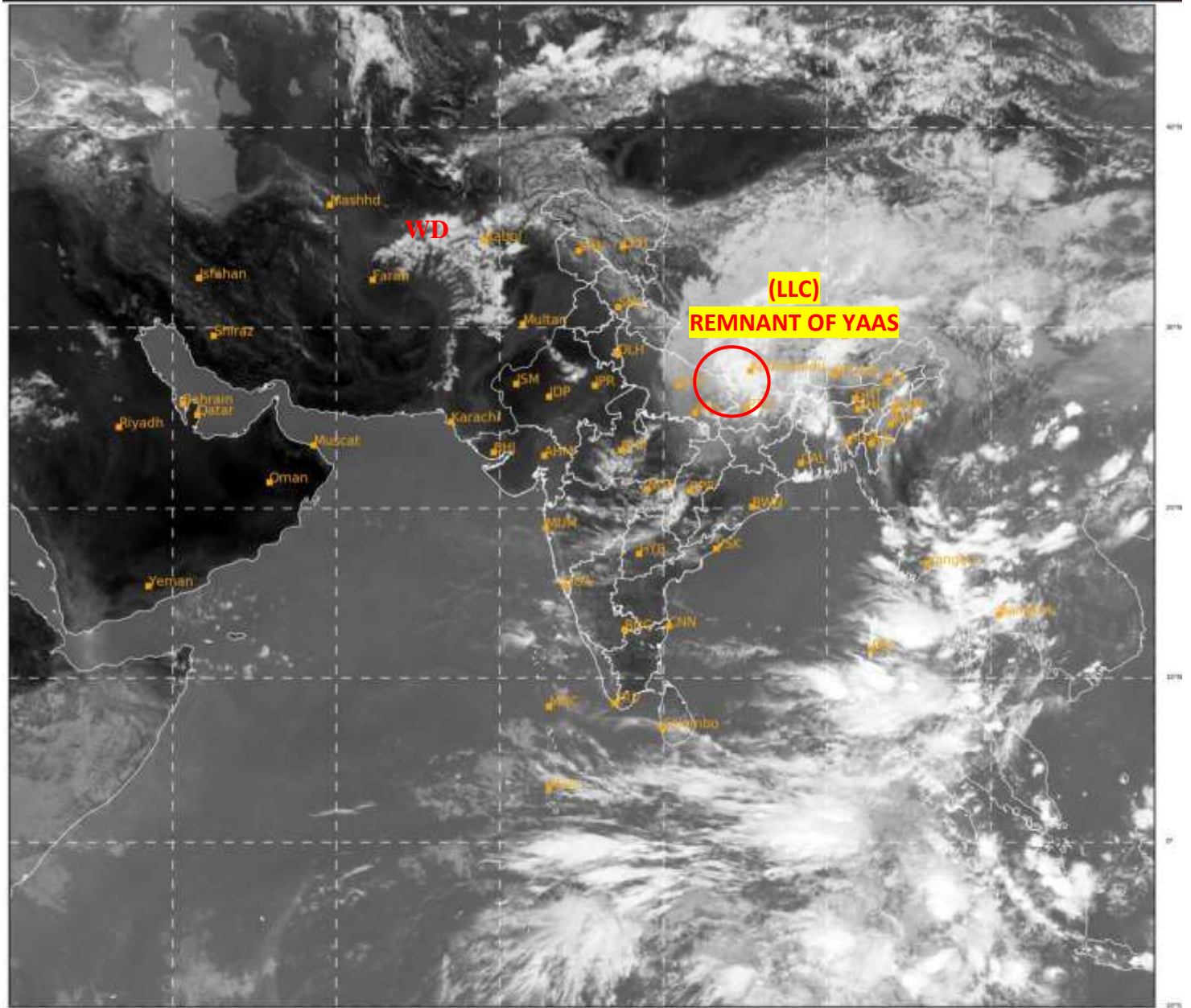


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

28.05.2021 TIME 0900 UTC

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

28-05-2021/(0900 to 0926) GMT
28-05-2021/(1430 to 1456) IST



226

939

IMD, DELHI

TCIN50 DEMS 280900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 280900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

REMNNANT OF YAAS AS A LLC OVER E UP ADJ W BHR & N/HOOD:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E UP ADJ W BHR & ADJ C NEPAL IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (MINIMUM CTT MINUS 68 DEG C) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N AFGAN AND N/HOOD IN ASSW WD OVER THE AREA (.)



INSAT-3D 28-MAY-2021 09:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

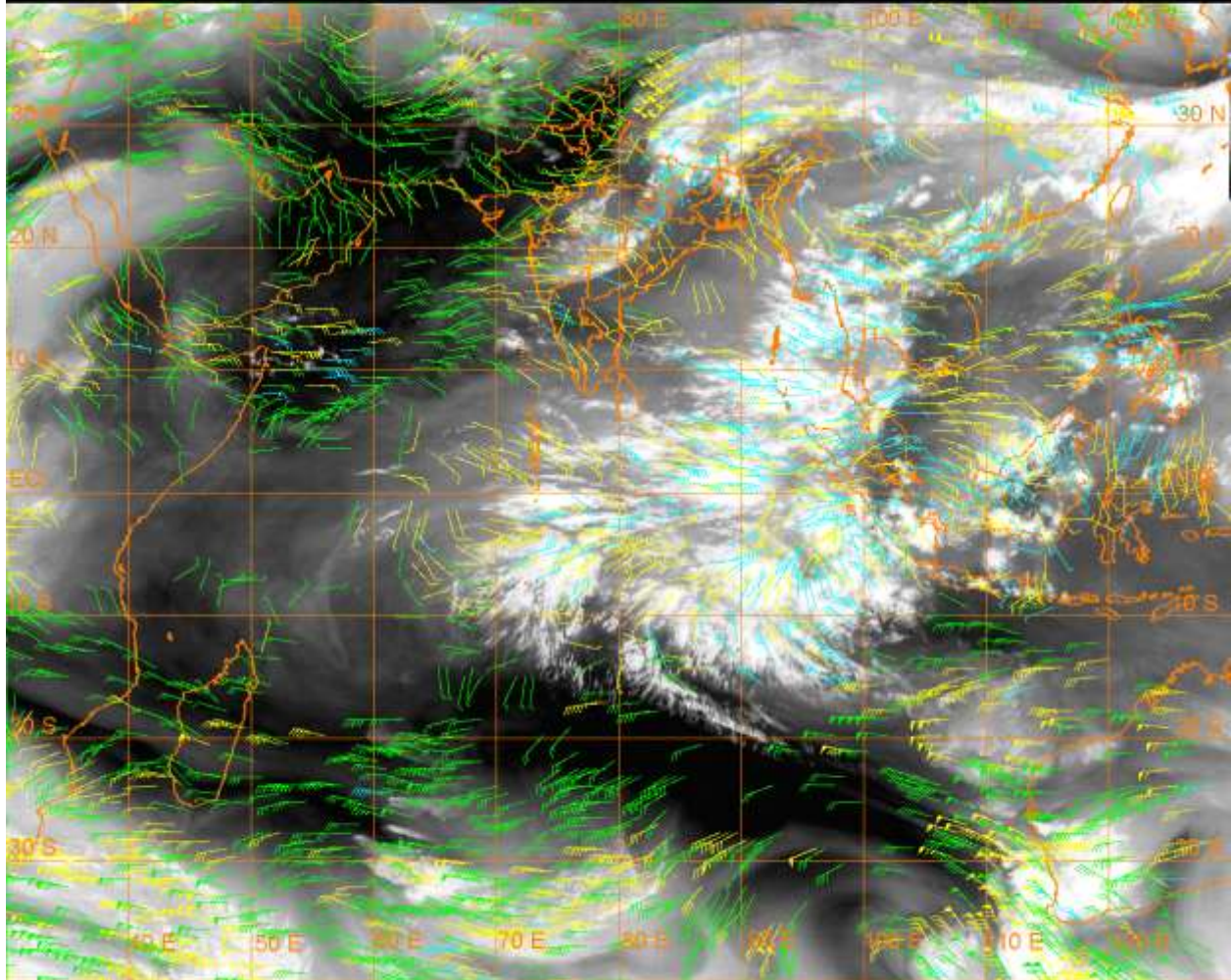
10 Kt

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 CONVNT OVER E UP AND ISOL WK TO MOD CONVNTN OVER N LADAKH N UTRKND REST E UP (.) SCT LOW/MED CLOUDS OVER J&K HP S UTRKND (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER C BHR (MINIMUM CTT MINUS 85 DEG C) N NAGA (MINIMUM CTT MINUS 78 DEG C) & N BD (MINIMUM CTT MINUS 74 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER N BHR SW CHTGH SHWB SKM EXT NE ASSAM E NEPAL NW BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER REST BHR N JHRKND S CHTGH S ORS W MEGHA REST ASSAM ARUPR REST NAGA (.) SCT LOW/MED CLOUDS OVER REST ORS N GWB REST NE STATES (.)

WEST:-

ISOL LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVNTN OVER NE RAJ SW MP NORTH MADHYA MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER NW RAJ WC & NE MP VID MRTHWD KKN & GOA (.) SCT LOW/MED CLOUDS OVER SE RAJ SE GUJ E MP REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVNTN OVER ANDAMAN NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVNTN OVER TLNGN N COTL AP NIK COTL KRNTK N KER (.) SCT LOW/MED CLOUDS OVER RYLSM S COTL AP SIK REST KER TN LKSDP (.)

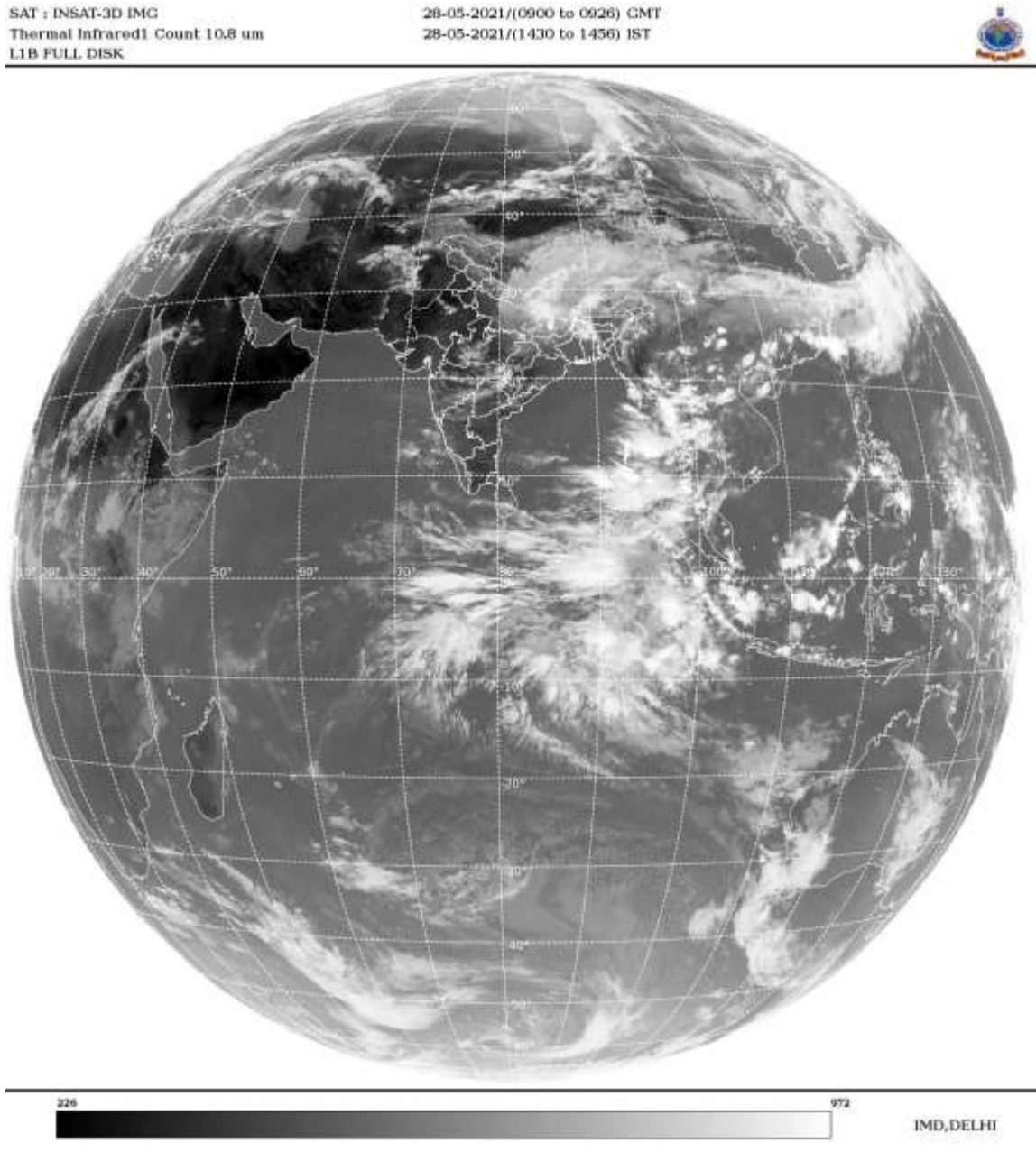
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SE ARSEA AND WK CONVTN OVER SW ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN SEA ADJ SE BAY AND WK CONVTN OVER SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES NEPAL BHUTAN TIBET CHINA MYANMAR TAIWAN THAILAND GULF OF THAILAND W CAMBODIA LAOS VIETNAM HAINAN GULF OF TONKIN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO ADJ S CHINA SEA PHILIPPINES E CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 66.0E TO 104.0E (.)

TOO 28/1550EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKMNORTH-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 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