



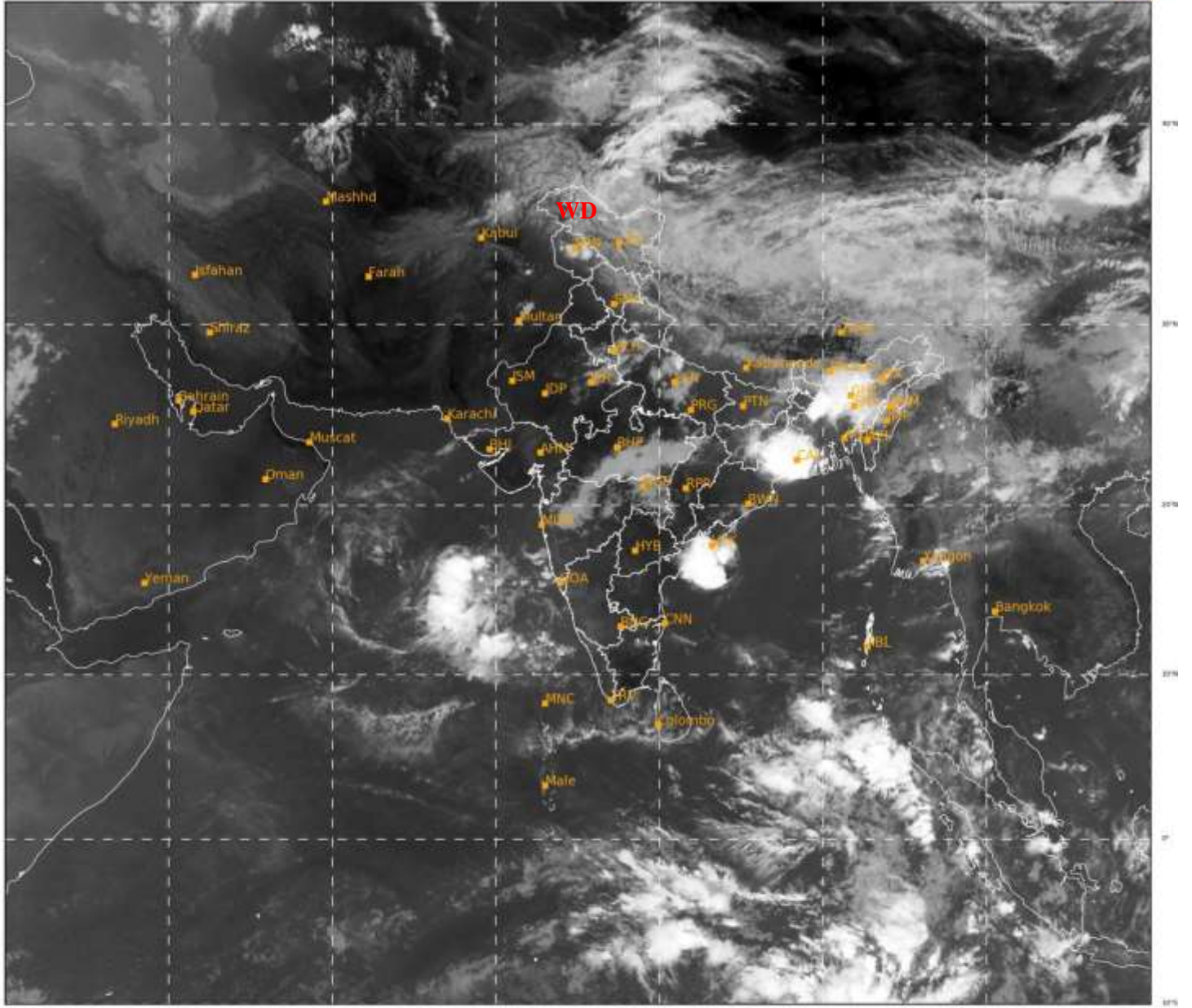
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
31.05.2021 TIME 0300UTC

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

31-05-2021/(0300 to 0326) GMT
31-05-2021/(0830 to 0856) IST



346

954

IMD, DELHI

TCIN50 DEMS 310300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 310300UTC (.)

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

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXT N PAK J&K LADAKH HP UTRKND TIBET CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)



INSAT-3D 31-MAY-2021 03:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

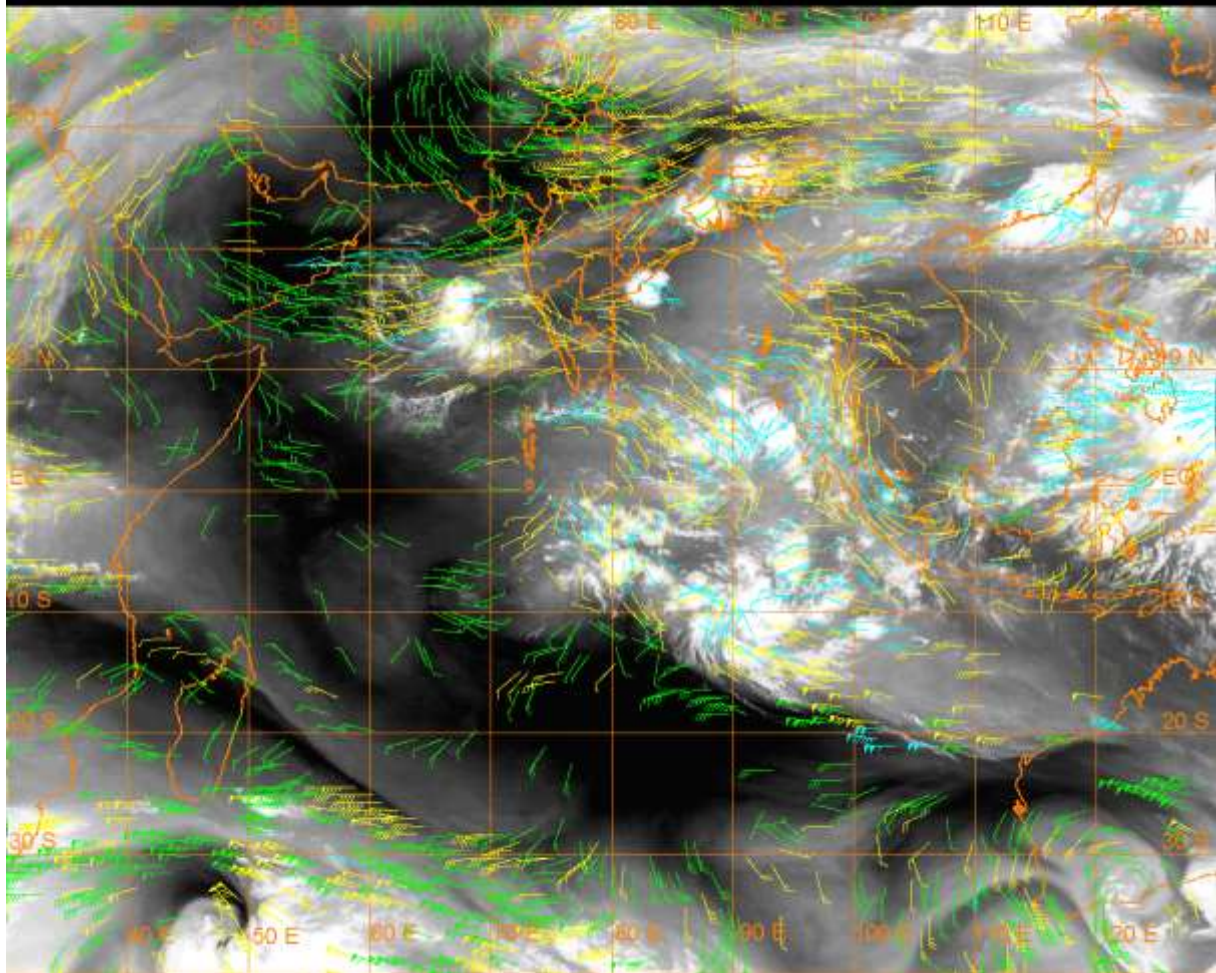
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GWB W ASSAM MEGHA & NC&SW BD (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC JHRKND S ASSAM EXT W ARUPR(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EC BHR C JHRKND EXT W CHTGH N SHWB SKM REST ARUPR NAGA MANI (.) SCT LOW/MED CLOUDS OVER N CHTGH REST JHRKND S ORS MIZO & TRP (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NE RAJ EC ADJ S MP NORTH OF M MAHA & VID(.) SCT LOW/MED CLOUDS OVER E GUJ REST MAHA & GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT V TO INT CONVTN OVER N COTL AP (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER LKSDP & NE TN (.) SCT LOW/MED CLOUDS OVER W KRNTK N RYLSM KER ANDAMAN & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ADJ SE ARSEA BET LAT 10.0N TO 17.0N LONG 65.0E TO 71.0E(.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER WC ADJ SW ARSEA & COMORIN (.)

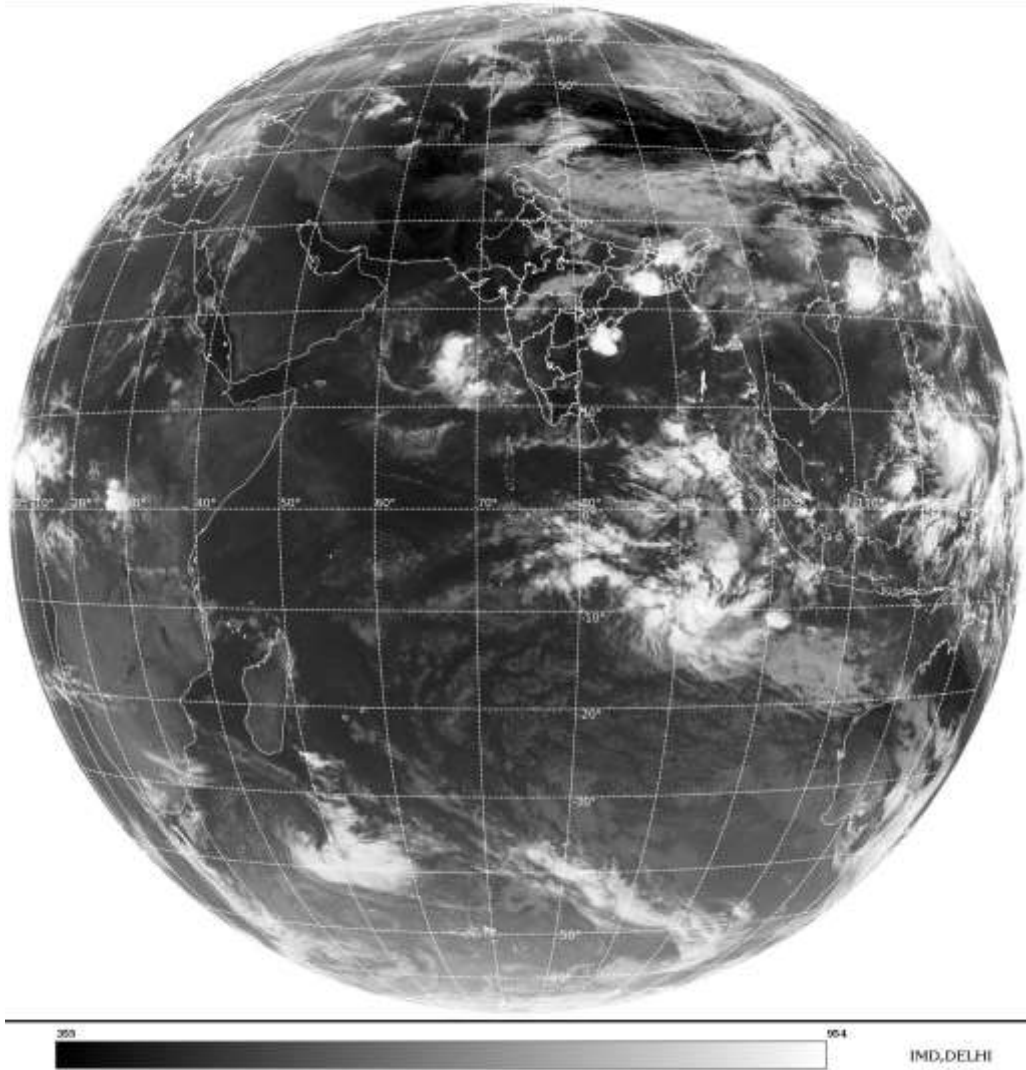
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY OFF N COTL AP & SE BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY ARAKAN COAST & GULF OF MARTABAN (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

31-05-2021/(0245 to 0312) GMT
31-05-2021/(0815 to 0842) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN MYANMAR SUMATRA ADJ W COAST STR OF MALACCA MALAY PENINSULA BORNEO S CHINA SEA JAVA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 16.0S LONG 74.0E TO 103.0E (.)

TOO31/0930EF=

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
	UTRKN D	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