



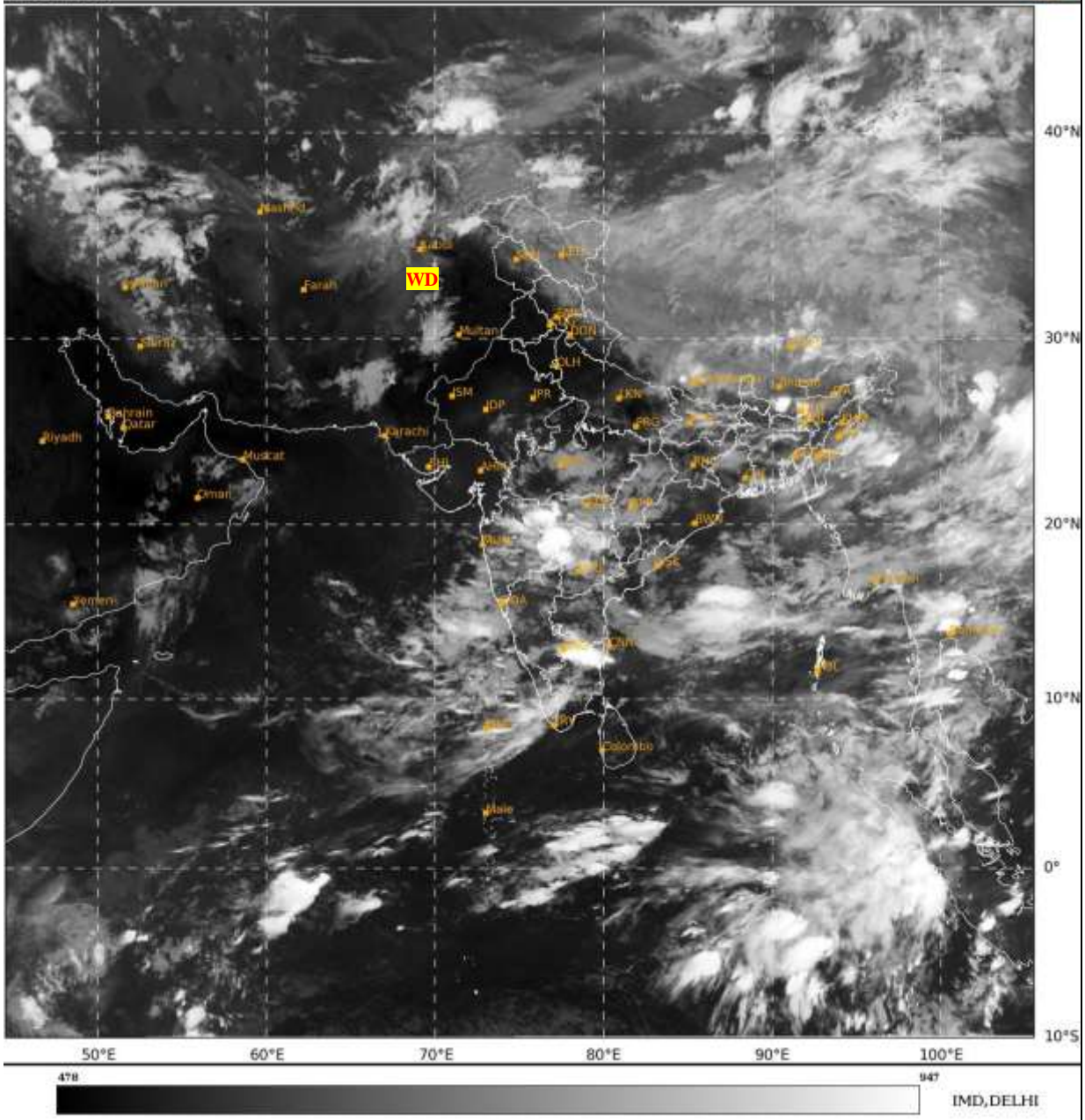
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
16.06.2024 TIME 1800 UTC

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

16-06-2024/(1800 to 1826) GMT
16-06-2024/(2330 to 2356) IST



TCIN50 DEMS 161800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 161800 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

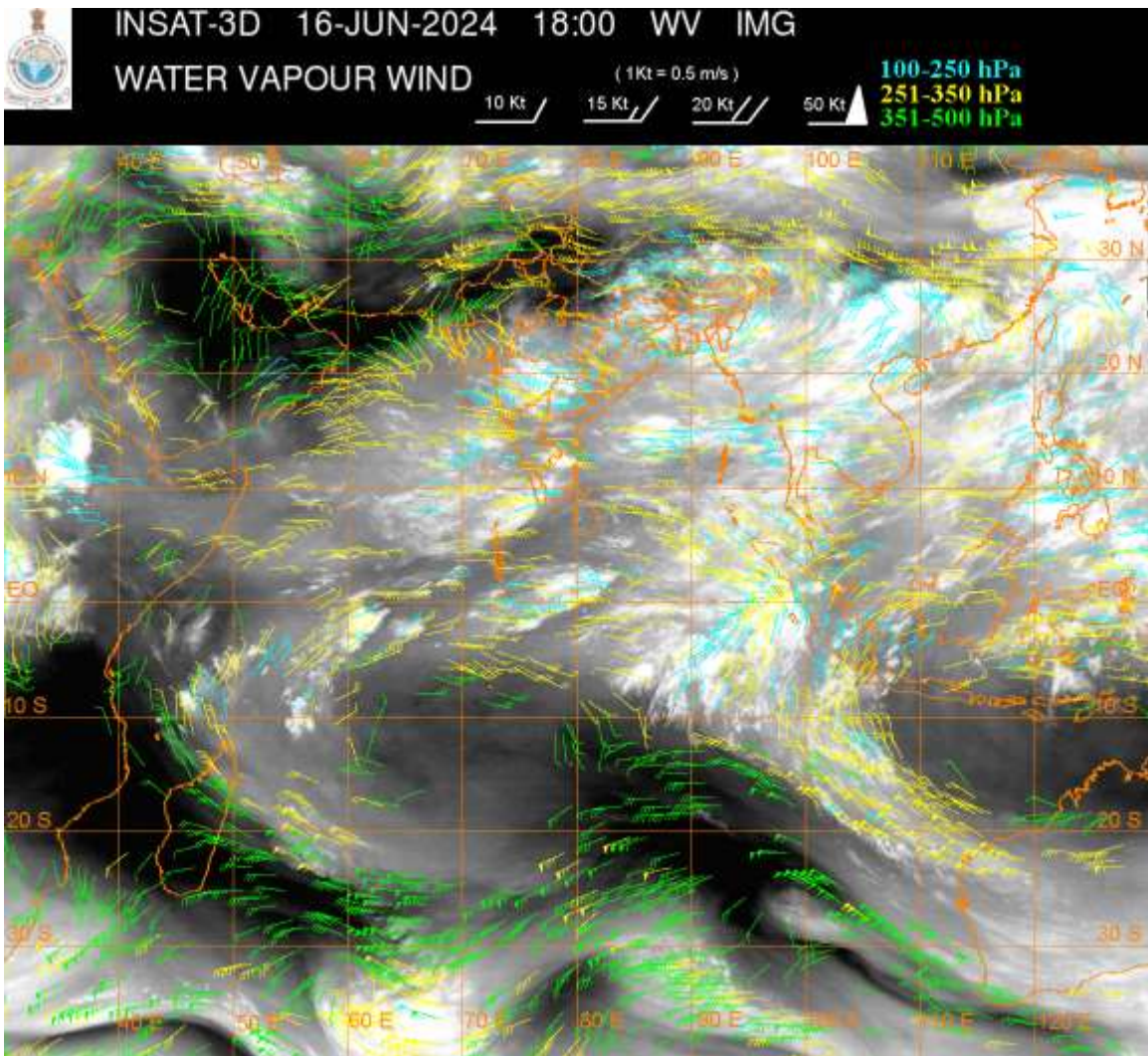
SALIENT FEATURES:-

WESTERN DISTURBANCE:-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER WEST VID MRTHWD W ASSAM NE TN (MINIMUM **CTT MINUS 70-80 DEG CEL**) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W ASSAM (MINIMUM **CTT MINUS -90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ASSAM AND WK TO MOD CONVTN OVER BHR N CHTGH JHRKND W ORS GWB SHWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER E ORS S GWB (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W VID MRTHWD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MADHYA MAHA AND WK TO MOD CONVTN OVER MP SE RAJ GOA (.) SCT LOW/MED CLOUDS OVER NE RAJ & GUJ (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE TN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE SIK TLNGN S KER NW TN AND ISOL WK TO MOD CONVTN OVER REST KRNTK RYLSM COTL AP N KER REST TN LKSDP ILS AREA & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER ANDAMAN ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SE ARSEA LKSDP ILS AREA COMORIN AREA (.) ISOL LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER GULF OF KUTCHH & SW AREA (.)

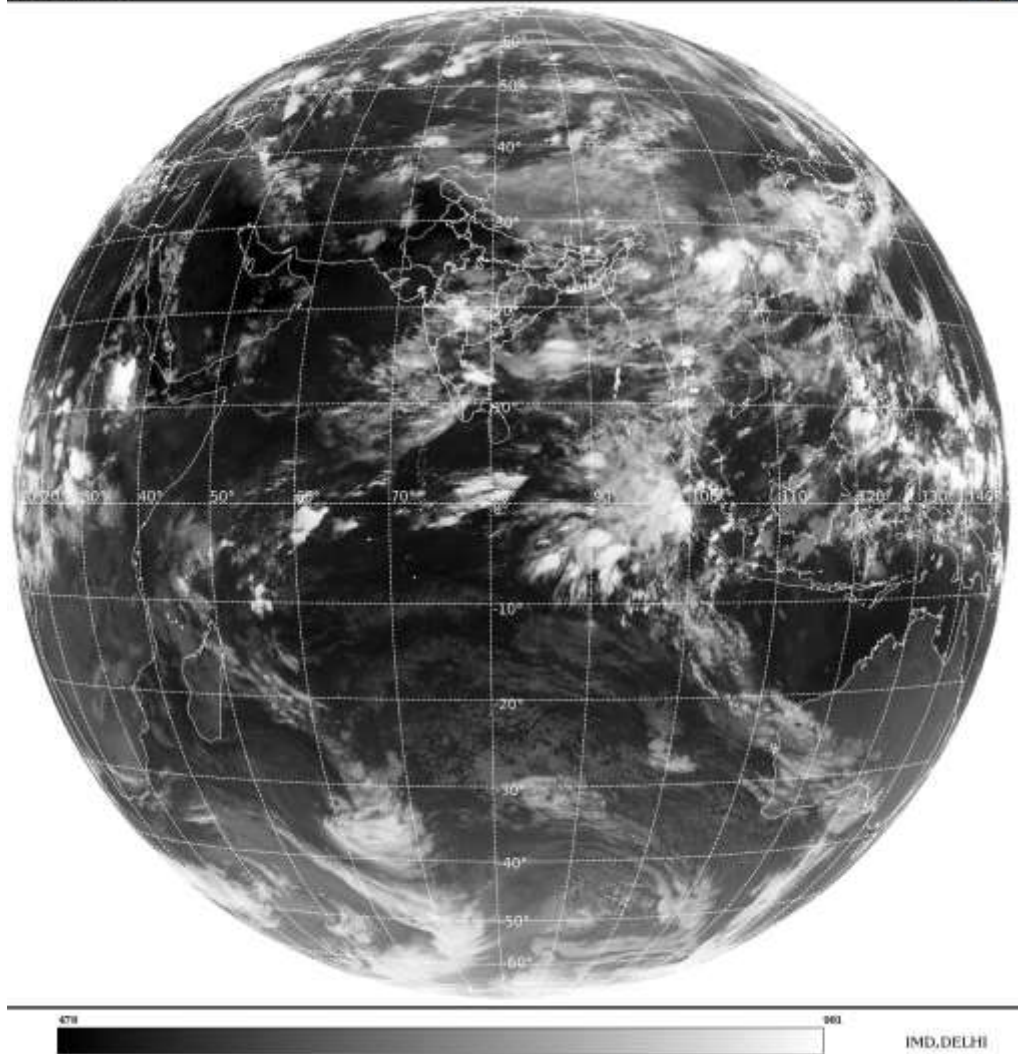
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL BAY (MINI CTT **MINUS 80-90 DEG CEL**) AND MOD TO INT CONVTN OVER SOUTH BAY ANDAMAN SEA & GULF OF MARTABAN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN NORTH BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

16-06-2024/(1800 to 1826) GMT
16-06-2024/(2330 to 2356) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF MANNAR E NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM HAINAN TAIWAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES EAST CHINA SEA AND OVER INDIAN OCEAN BET LAT 2.0N TO 8.0S LONG 60.0E TO 80.0E AND BET LAT 5.0N TO 16.0S LONG 80.0E TO 110.0E AND BET LAT 25.0S TO 35.0S LONG 50.0E TO 80.0E (.)

TOO 17/0020 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS 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 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	RAYALSEEMA	
	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	UTTRAKHAND
	VID	VIDARBHA
	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