



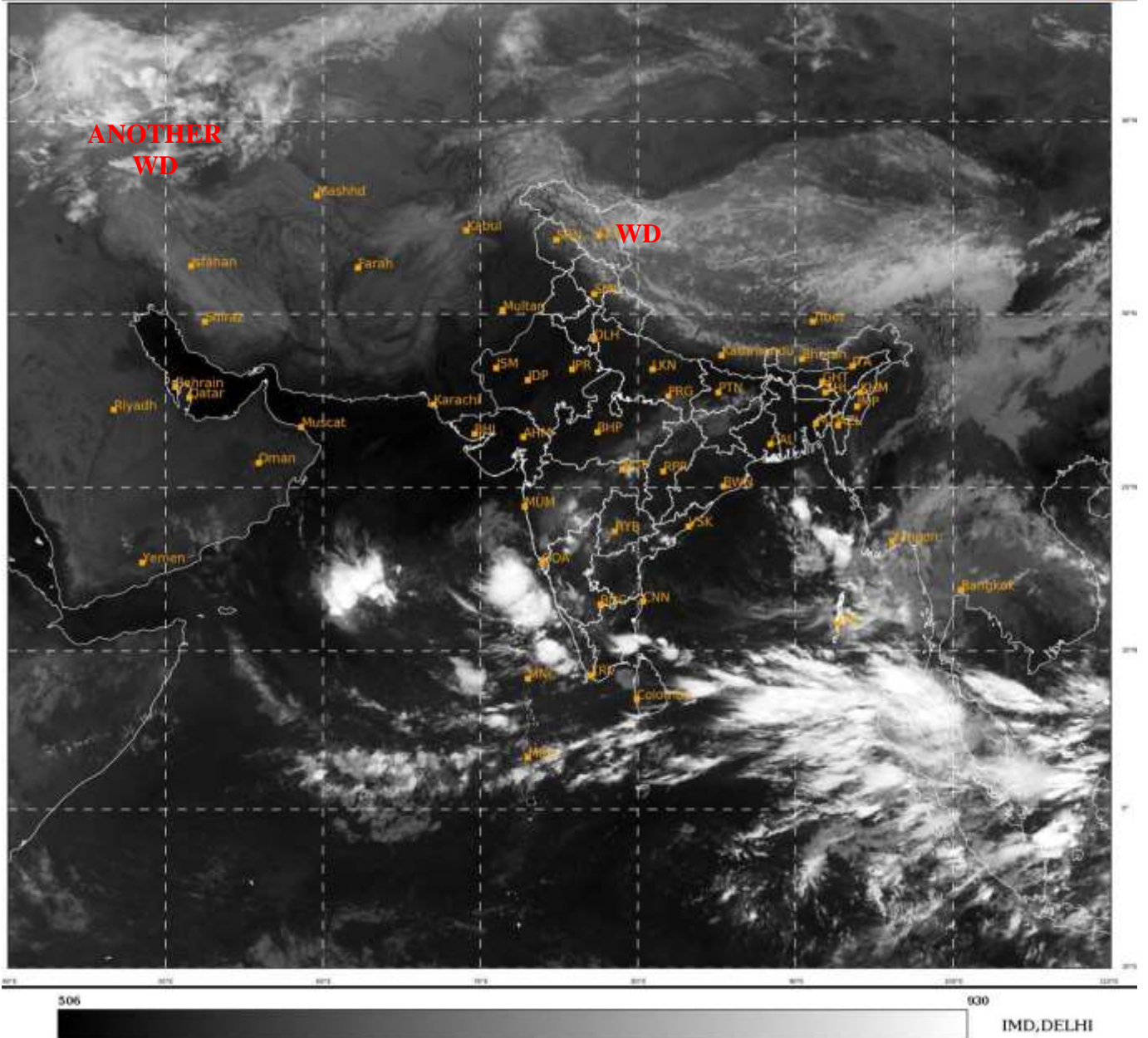
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
16.10.2022 TIME 0300 UTC

SAT : INSAT-3D IMG
IMG TIR1 10.8 um
LIC Mercator

16-10-2022/(0300 to 0326) GMT
16-10-2022/(0830 to 0856) IST



TCIN50 DEMS 160300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 160300 UTC (.)

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

SALIENT FEATURES:-

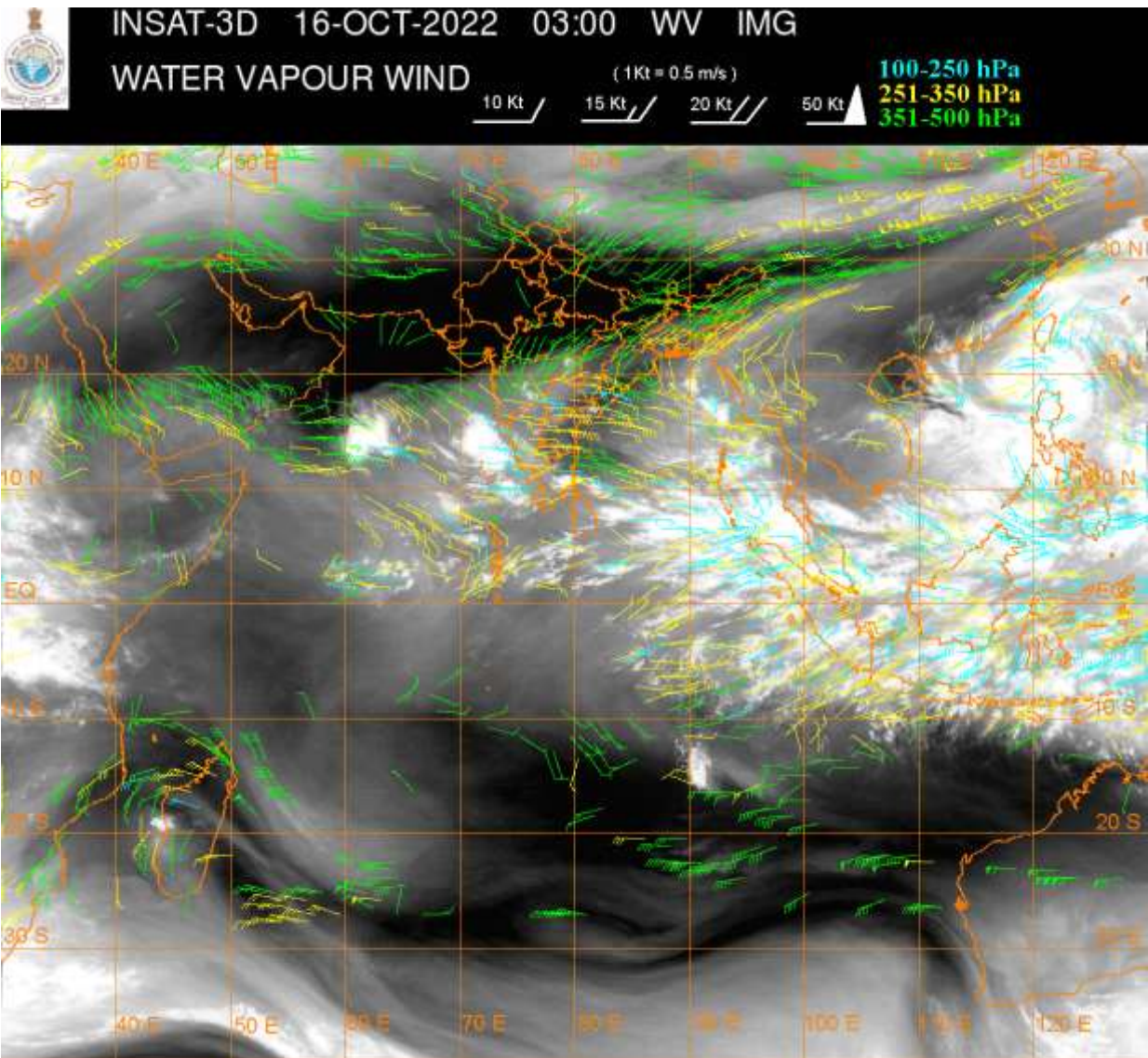
WESTERN DISTURBANCE (WD):-

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

SCT MULTILAYERED CLOUDS OVER CASPIAN SEA AND N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)

INTENSE CONVECTIVE CLOUDS:-

MODERATE TO INTENSE CONVECTIVE CLOUDS OBSERVED OVER VID MRTHWD SOUTH MADHYA MAHA KRNTK COTL AP SE TN LKSDP ILS ANDAMAN & NICOBAR ILS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER S BHR N JHRKND N CHTGH SKM NW ARUPR (.) SCT LOW/MED CLOUDS OVER S JHRKND S CHTGH ORS SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MRTHWD SOUTH MADHYA MAHA AND WK TO MOD CONVTN OVER SE MP VID S KKN GOA (.) SCT LOW/MED CLOUDS OVER REST MP NORTH MADHYA MAHA N KKN (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NIK SIK NW RYLSM COTL AP SE TN LKSDP ILS ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER COTL KRNTK REST RYLSM KER REST TN (.) SCT LOW/MED CLOUDS OVER REST TLNGN (.)

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL ARSEA SE ARSEA AND LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW ARSEA AND COMORIN AREA (.)

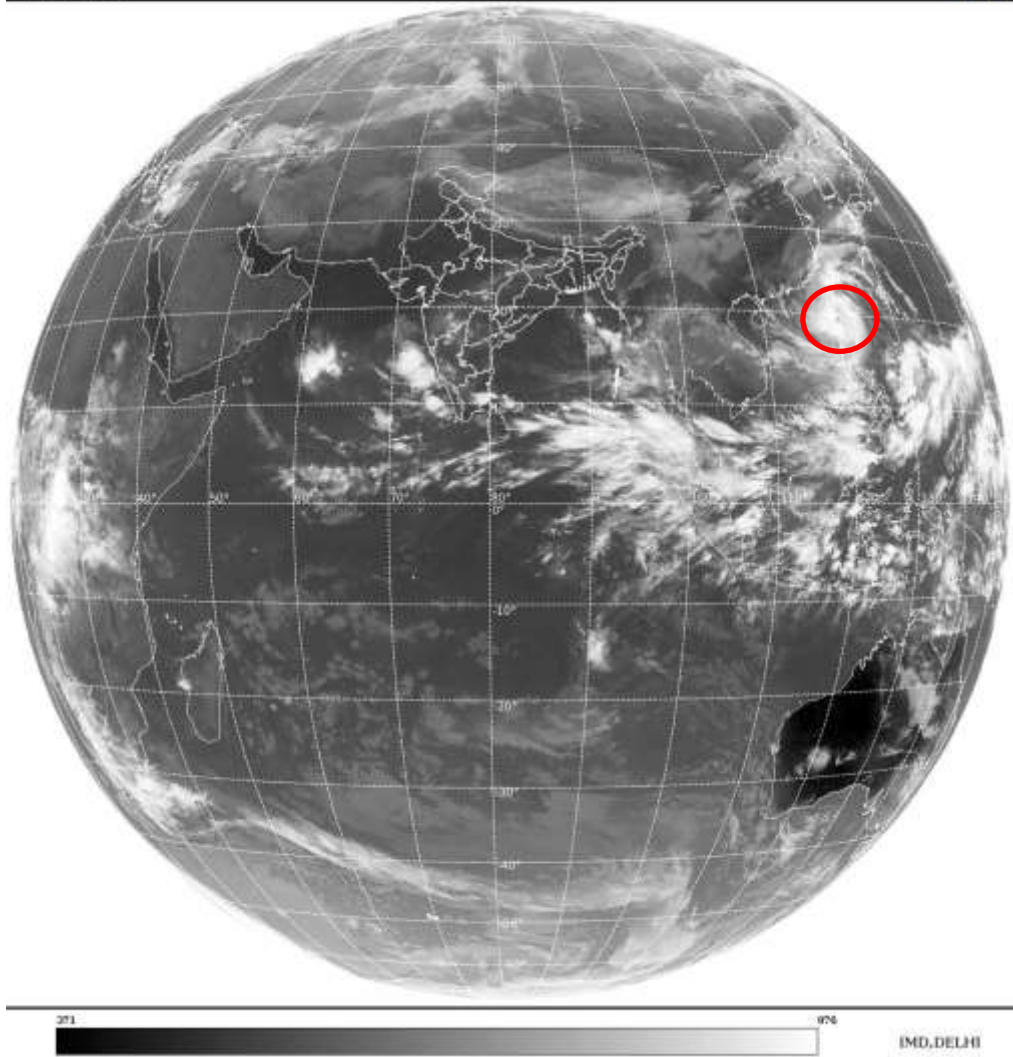
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE BAY EC BAY SOUTH BAY AND ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

16-10-2022/(0300 to 0326) GMT
16-10-2022/(0830 to 0856) IST



VORTEX (NESAT) OVER SOUTH CHINA SEA & N/HOOD:-

VORTEX (NESAT) OVER SOUTH CHINA SEA & N/HOOD (AREA-F05) CENTERED NEAR 19.2N / 120.5E (.) INTENSITY T3.5/3.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 48-63 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 17.0N TO 22.0N LONG 117.0E TO 123.5E N PHILIPPINES & TAIWAN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA MALDIVES TIBET CHINA YELLOW SEA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND N CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N LONG 58.0E TO 80.0E AND BET LAT 5.0N TO 16.0S LONG 80.0E TO 110.0E (.)

TOO 16/0940 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 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	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