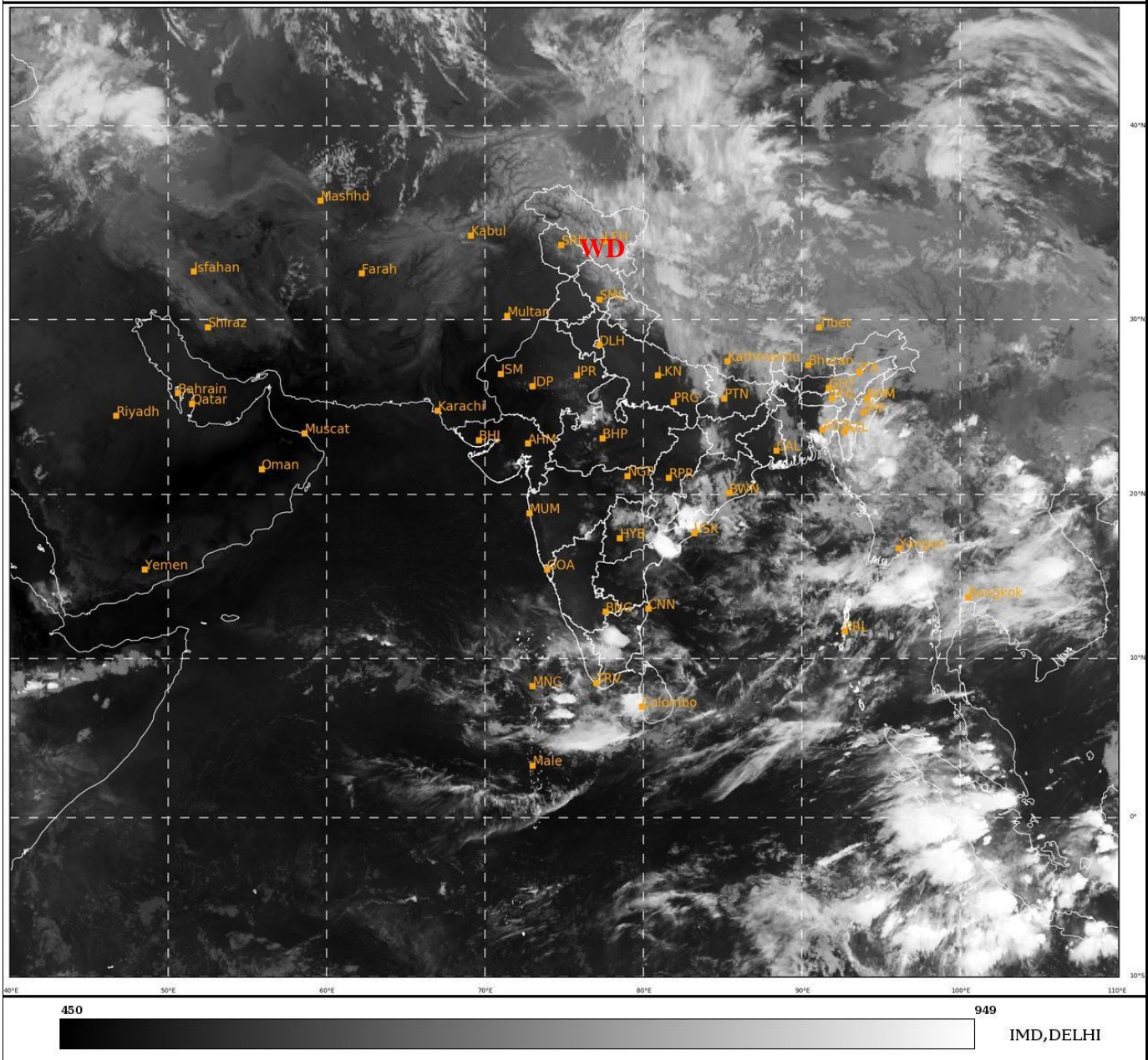




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
24.05.2022 TIME 1800 UTC

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

24-05-2022/(1715 to 1742) GMT
24-05-2022/(2245 to 2312) IST



TCIN50 DEMS 241800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 241700 UTC (.)

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 LADAKH J&K HP UTRKND E UP NEPAL TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER LADAKH UTRKND NE UP N BHR NE STATES ORS SE RAJ SE VID SOUTH MRTHWD N TLNGN N COTL AP KER TN & ANDAMAN ILS (.)

DUST:-

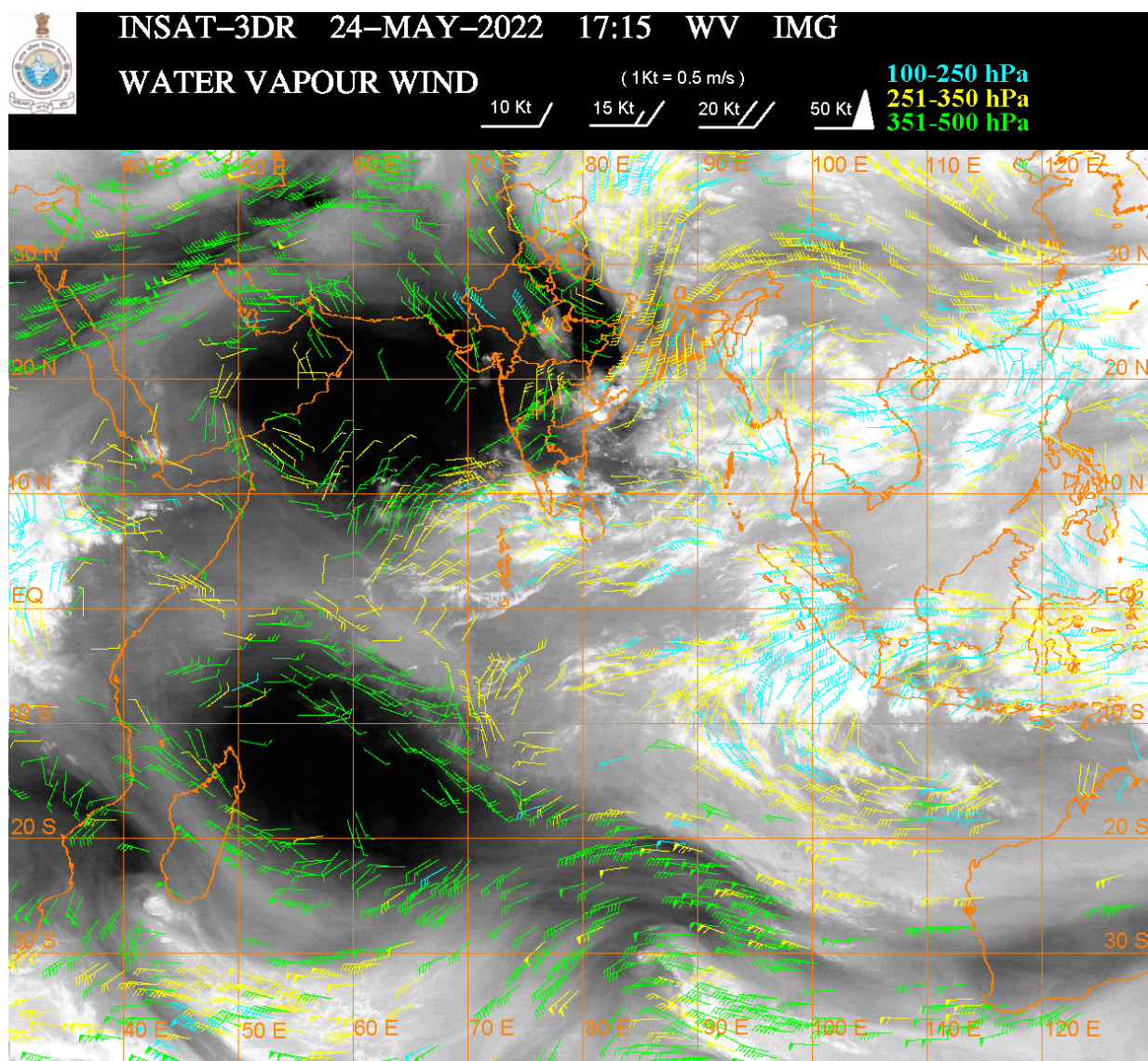
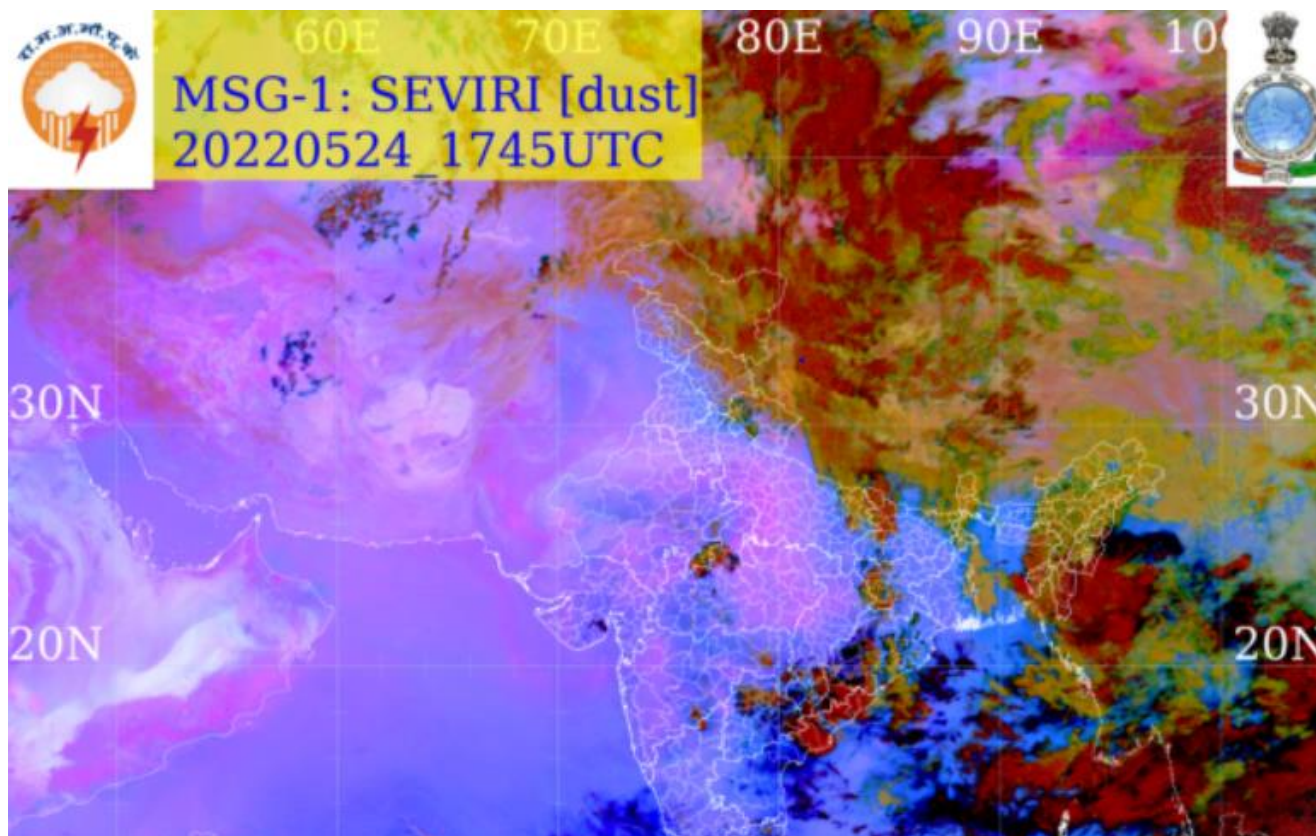
METEOSAT-8 RGB DUST PRODUCT AT 1745 UTC INDICATES DUST OVER S PAK RAJ S HARY SW PJB W UP MP N GUJ MADHYA MAHA & NORTH ARABIAN SEA (.)

PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1700 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-

RAINFALL UP TO 07-12 MM LIKELY OVER SW ORS WC TN C KER TRP MIZO (.)

**RAINFALL UP TO 0.5-5 MM LIKELY OVER SE LADAKH EXT W BHR NE GWB NW ORS COTL
KRNTK LKSDP ANDAMAN & NICOBAR ILS (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV'TN OVER EXT E LADAKH AND WK TO MOD CONV'TN OVER REST LADAKH N HP W&NE UTRKND NE UP (.) ISOL TO SCT LOW/MED CLOUDS J&K SE UTRKND (.)

EAST:-

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

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SE RAJ ADJ NW MP SE VID SOUTH MRTHWD EXT SW GUJ (.) SCT LOW/MED CLOUDS OVER SW MP REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N COTL AP (MINIMUM CTT MINUS 93 DEG C) NW (MINIMUM CTT MINUS 83 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C KER (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N TLNGN NE NIK S TN LKSDP ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER SIK RYLSM S COTL AP NE TN (.)

ARABIAN SEA:-

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

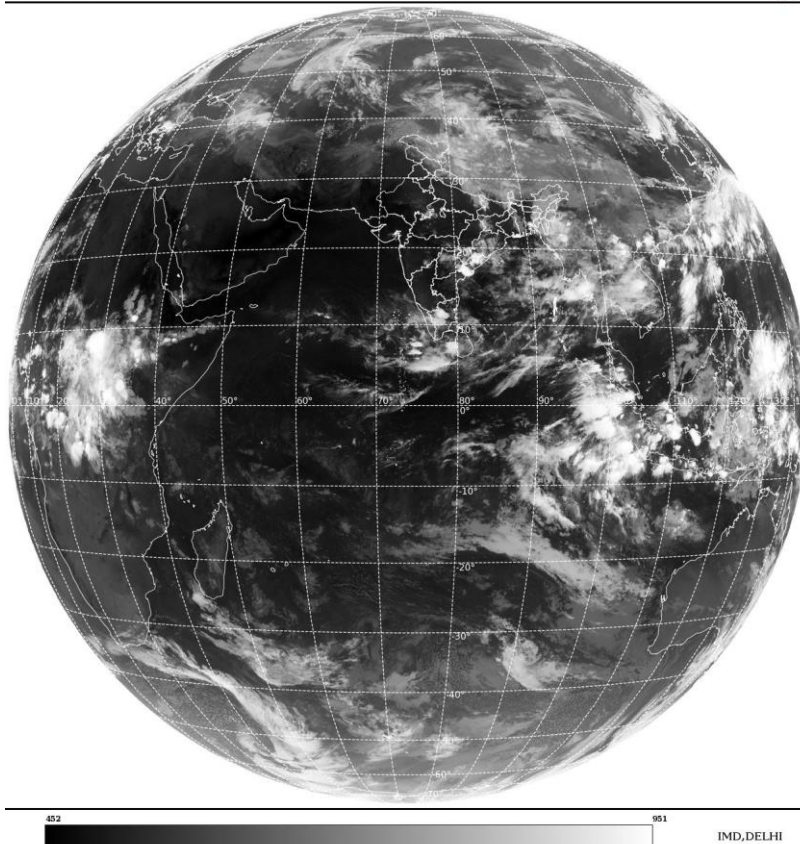
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY OFF N COTL AP AND GULF OF MARTABAN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY ANDAMAN SEA AND TENASSERIM COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

24-05-2022/(1715 to 1742) GMT
24-05-2022/(2245 to 2312) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES NEPAL TIBET CHINA YELLOW SEA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 25.5S LONG 64.0E TO 115.0E (.)

TOO 24/2355 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