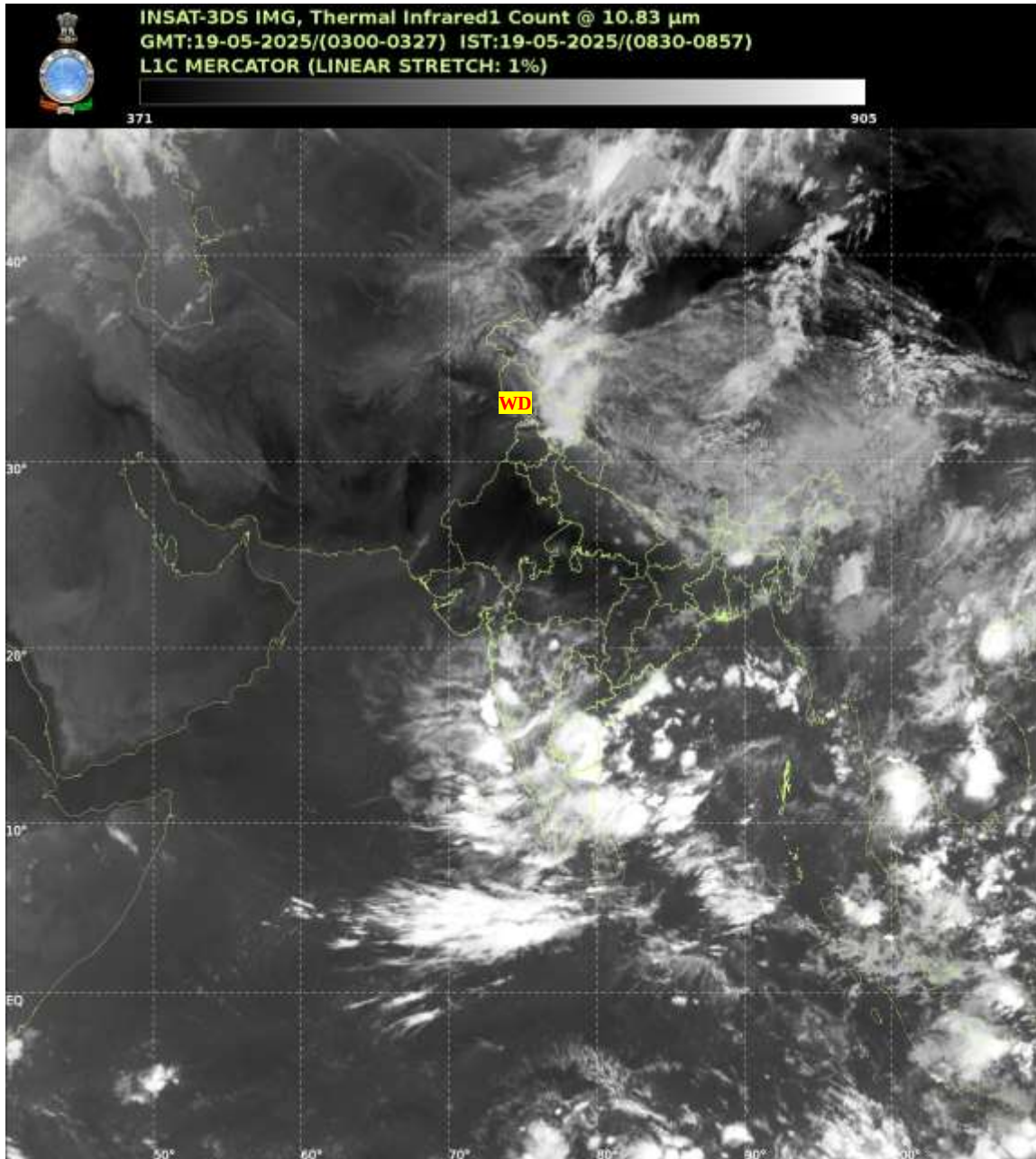




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
19.05.2025 TIME 0300 UTC



TCIN50 DEMS 190300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 190300 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:-

SCT MULTILAYERED CLOUDS OVER J&K LADAKH HP PJB UTRKND TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM / CONVECTIVE ACTIVITY:-

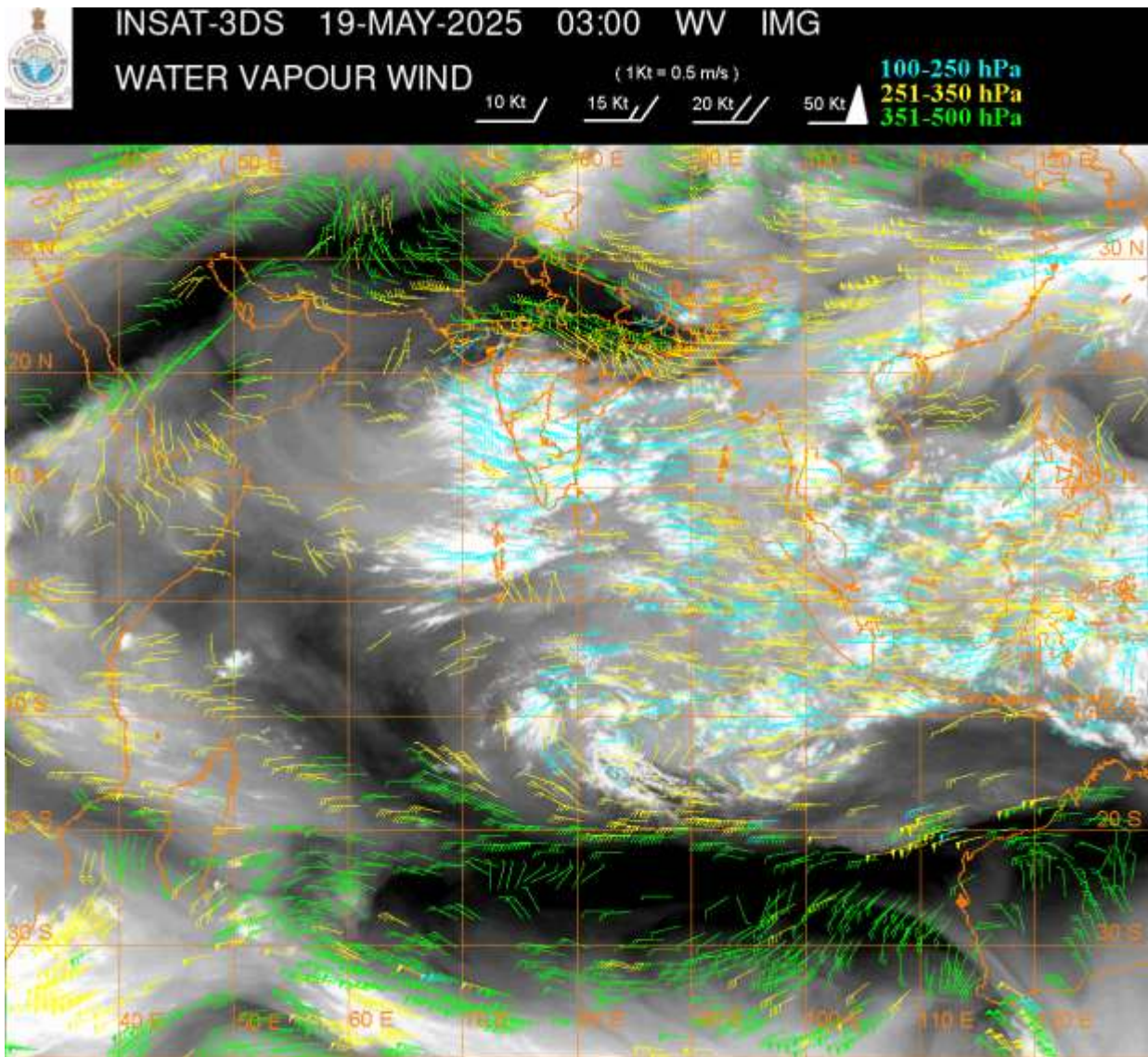
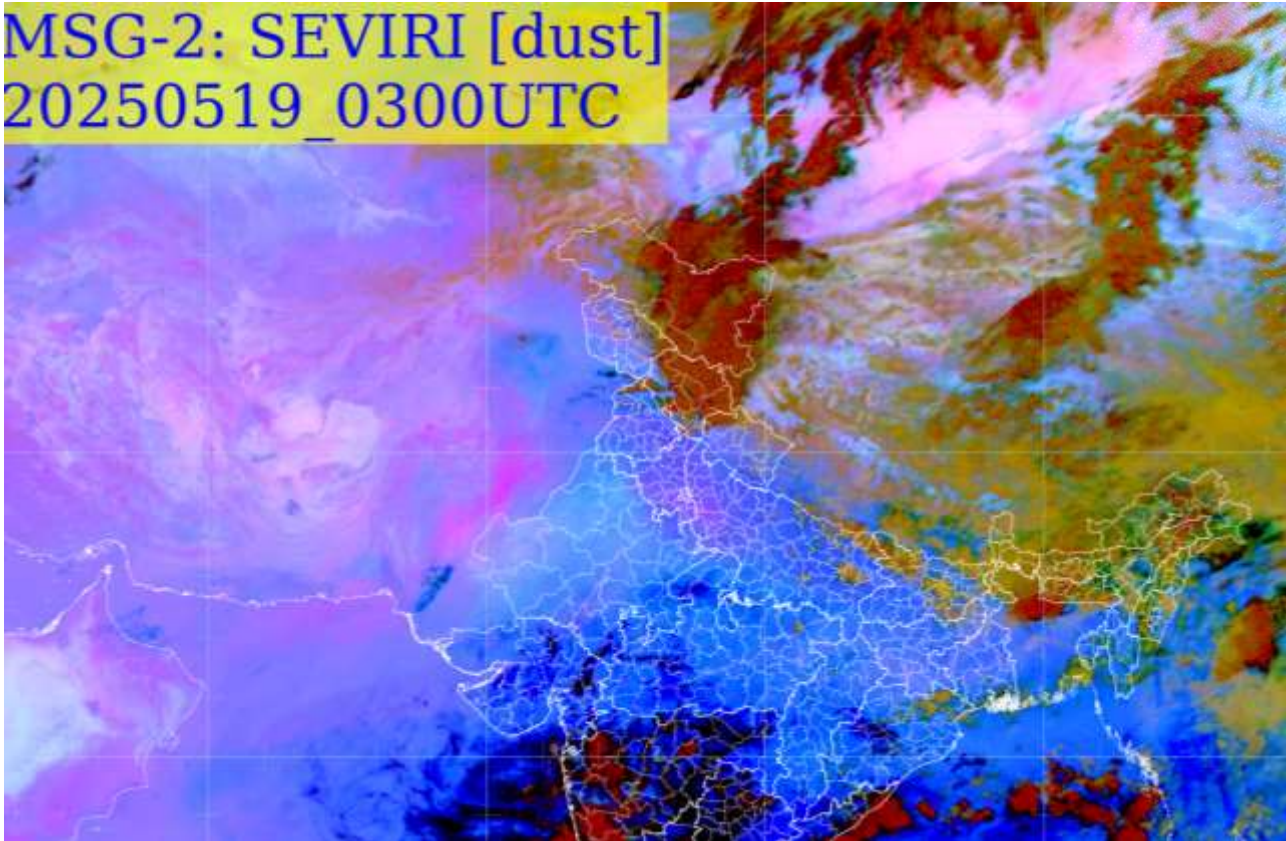
INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER RYLSM S COTL AP NE TN LKSDP ILS AREA (MINIMUM **CTT MINUS 70-80 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER MAHA GOA KRNTK TLNGN N COTL AP KER REST TN (MINIMUM **CTT MINUS 50-70 DEG CEL**) LADAKH HP NW UTRKND MINIMUM **CTT MINUS 40-50 DEG CEL**) (.)

DUST:-

METEOSAT DUST IMAGERY AT 0300 UTC SHOWS LIGHT DUST OVER PJB HARY DLH NW UP EXT W RAJ (JAISALMER) AND THICK DUST OVER PAKISTAN (.)

MSG-2: SEVIRI [dust]
20250519_0300UTC



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH HP NW UTRKND AND ISOL WK TO MOD CONVTN OVER J&K N PJB REST UTRKND NE HARY E UP (.) SCT LOW/MED CLOUDS OVER SE PJB W PJB (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH BD AND WK TO MOD CONVTN OVER BHR NE JHRKND ORS S GWB SHWB SKM NORTH-EAST STATES & S BD (.) SCT LOW/MED CLOUDS OVER REST JHRKND CHTGH N GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MAHA GOA AND ISOL WK TO MOD CONVTN OVER MP E GUJ (.) SCT LOW/MED CLOUDS OVER SE RAJ W GUJ (.)

SOUTH:-

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

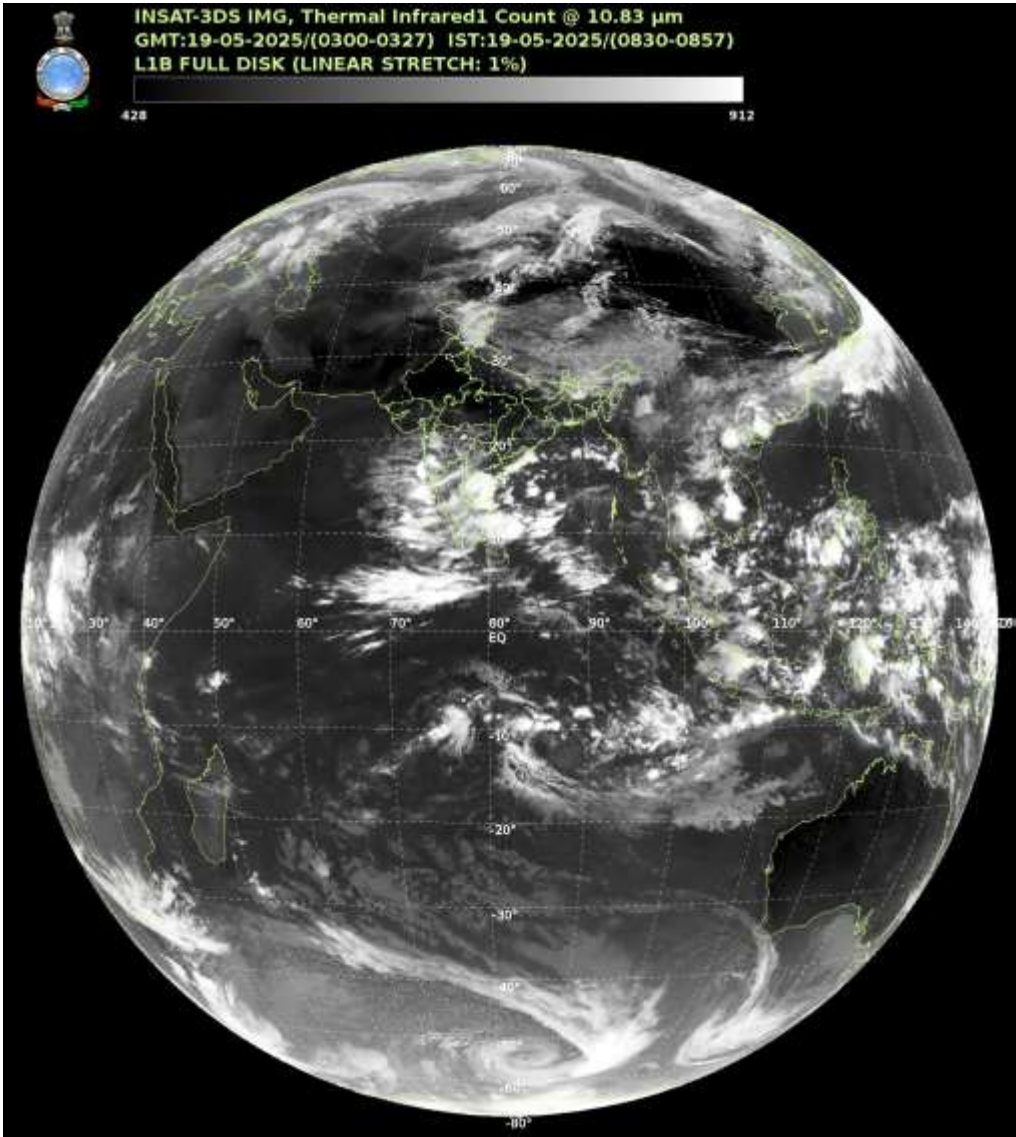
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INTENSE CONVTN OVER EC & SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INTENSE CONVTN OVER WC & SW BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY ANDAMAN SEA & GULF OF MARTABAN (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES NEPAL BHUTAN TIBET CHINA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN 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 20.0S LONG 40.0E TO 115.0E (.)

TOO 19/0940 EF=

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 TERITORIES	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