SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS
13.03.2022 TIME 1200 UTC

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SAT : INSAT-3D IMG          13-03-2022/(1200 to 1226) GMT
IMG_TIR1 10.8 um            13-03-2022/(1730 to 1756) IST
L1C Mercator
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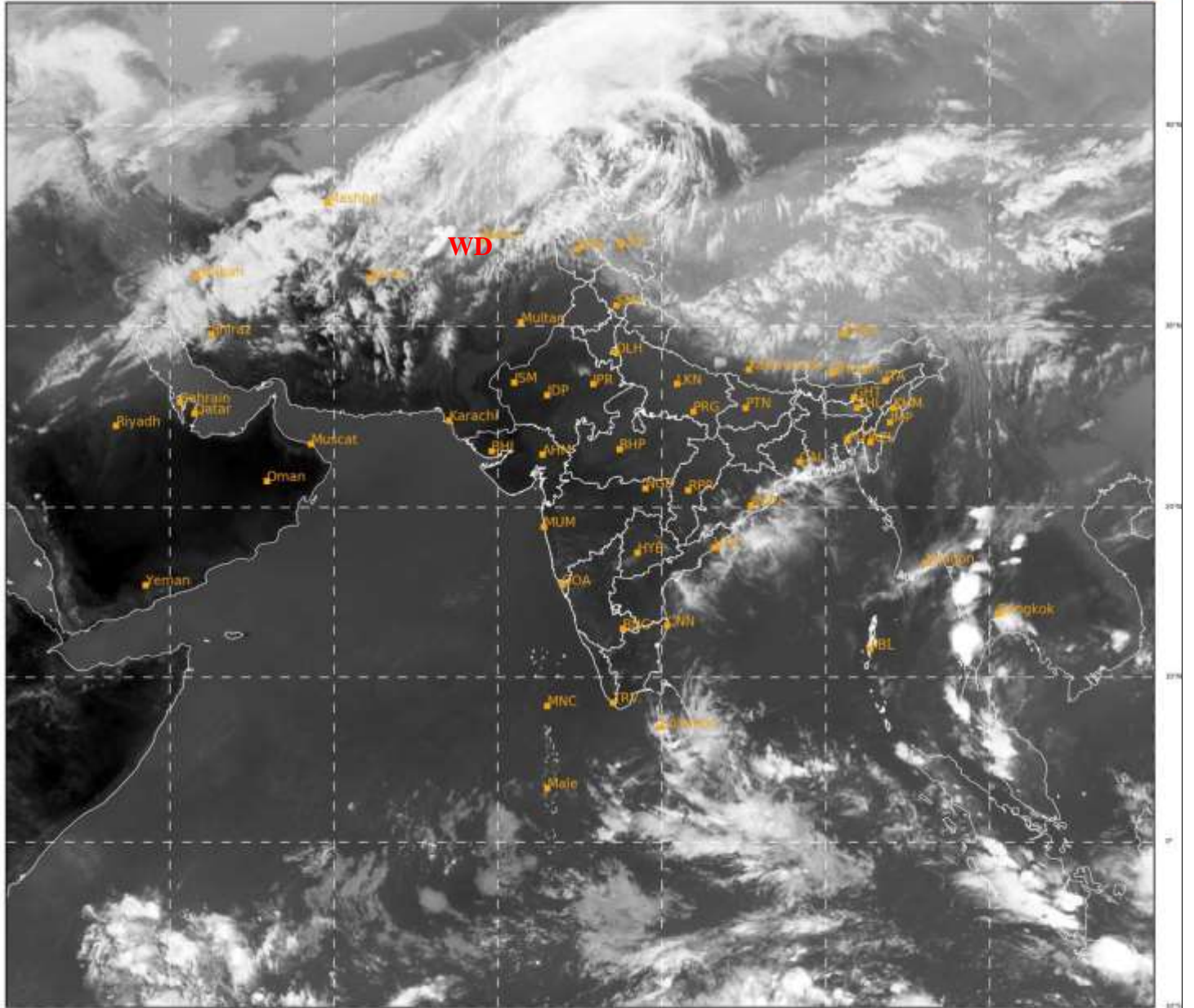

363   937

IMD,DELHI

TCIN50 DEMS 131200
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 131200 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 30.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER IRAN AFGAN W PAK J&K N LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTION OVER EQUATORIAL INDIAN OCEAN ADJ CENTRAL PARTS OF SOUTH BAY:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EQUATORIAL INDIAN OCEAN ADJ CENTRAL PARTS OF SOUTH BAY PERSISTS (.) MINIMUM CTT MINUS 76 DEG C (.)

PRECIPITATION NOWCASTING (BASED ON SCOPE NOWCASTING):-

RAINFALL NOT OBSERVED OVER INDIA (.)

INSAT-3D 13-MAR-2022 12:00 WV IMG
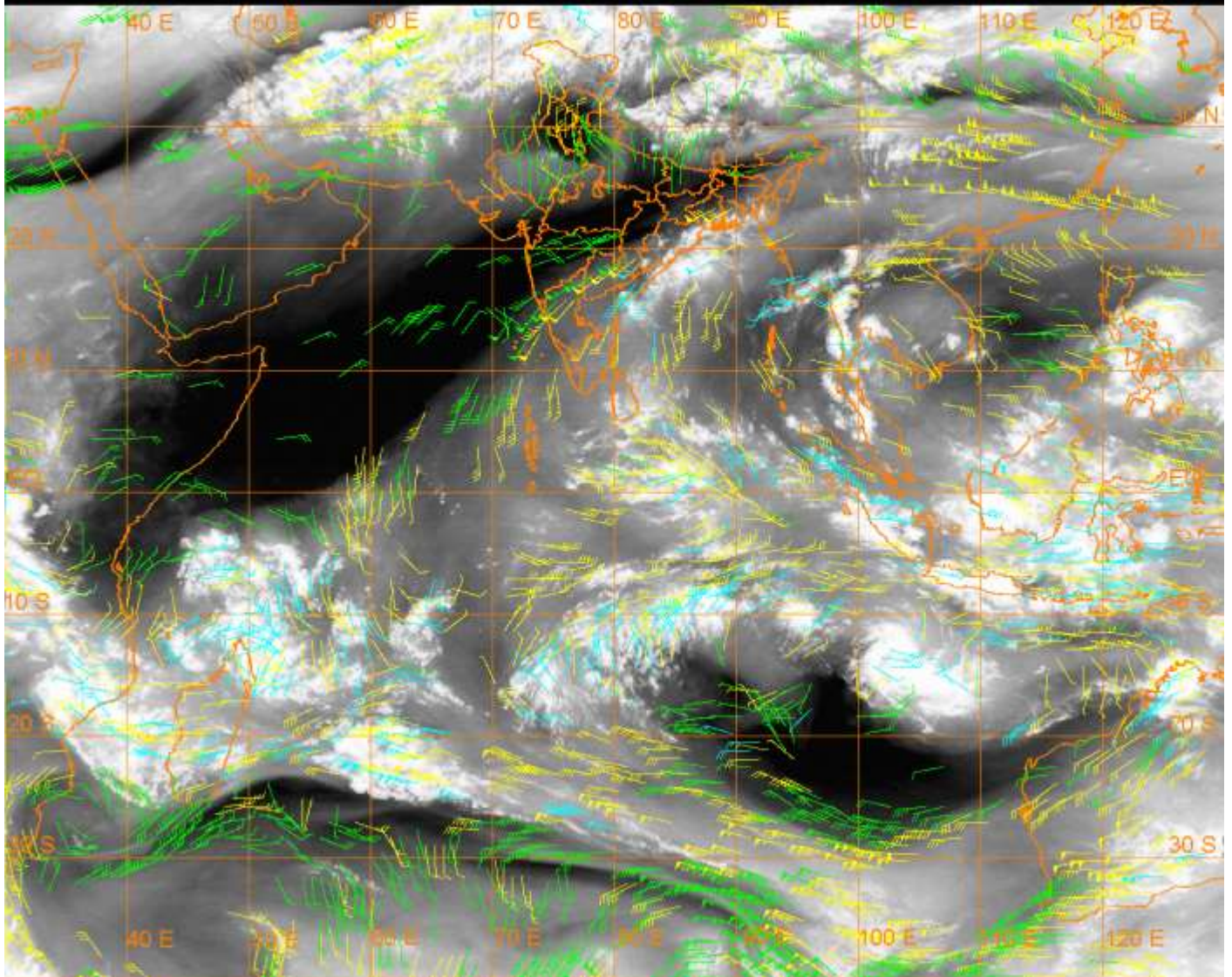
WATER VAPOUR WIND (1 Kt = 0.5 m/s)

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ORS S GWB & SW BD (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR MIZO TRP & SE BD (.) ISOL TO SCT LOW/MED CLOUDS OVER EXT S CHTGH REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER NC RAJ (.) SCT LOW/MED CLOUDS OVER EXT NE RAJ SW MRTHWD SOUTH MADHYA MAHA S KKN GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C COTL AP AND WK TO MOD CONVTN OVER SE TLNGN N COTL AP (.) ISOL TO SCT LOW/MED CLOUDS OVER KRNTK SW TLNGN N RYLSM KER TN (.)

### ARABIAN SEA:-

SCT LOW/MED CLOUDS OVER EC & SOUTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WEST BAY EXT SE BAY S ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER REST BAY N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:

SAT : INSAT-3D IMG
Thermal Infrared1 Count 10.8 um
L1B FULL DISK

13-03-2022/(1200 to 1226) GMT
13-03-2022/(1730 to 1756) IST

365   991

IMD,DELHI
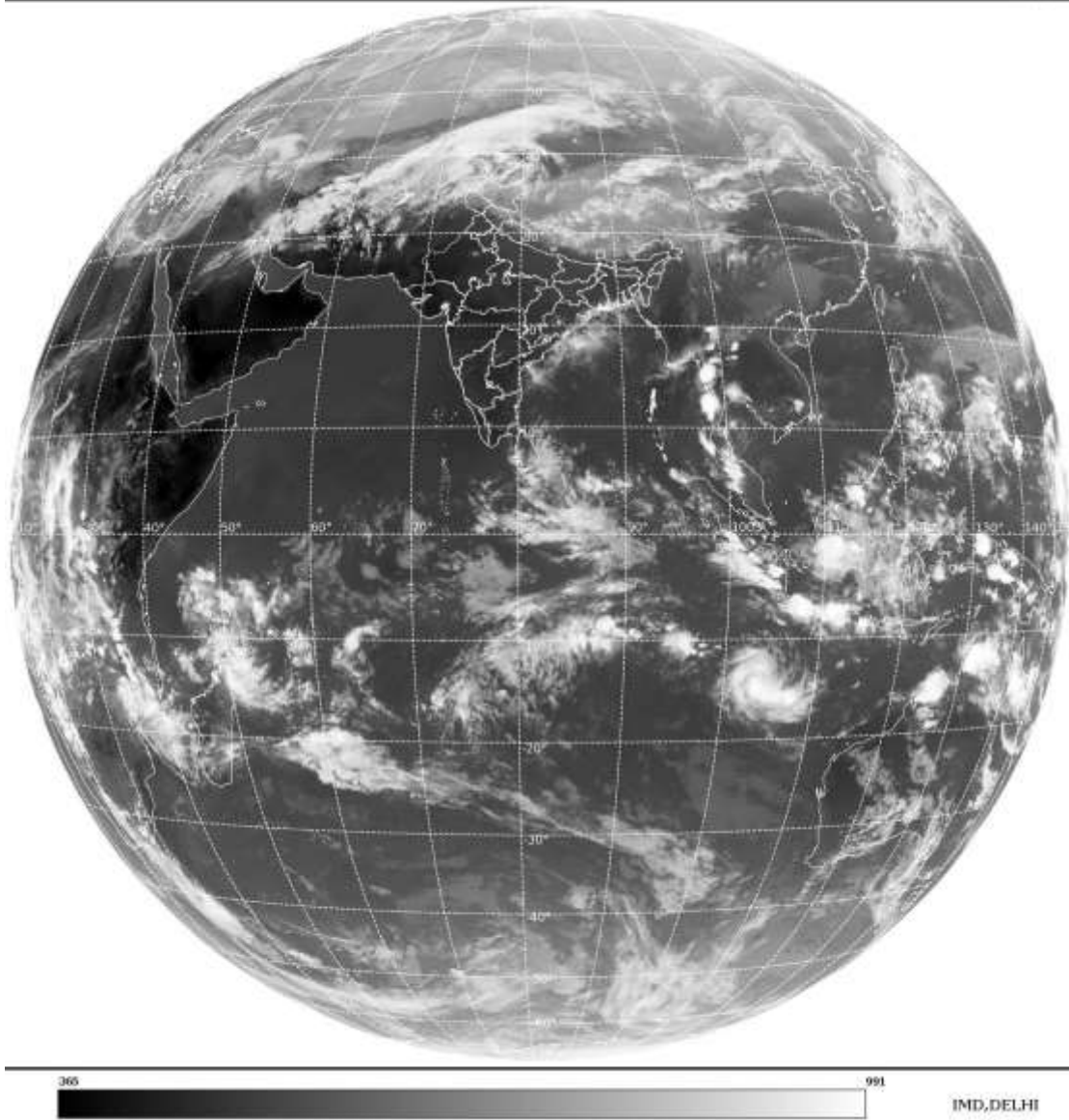
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA NEPAL BHUTAN TIBET CHINA YELLOW SEA S MYANMAR THAILAND N LAOS GULF OF THAILAND S CAMBODIA S VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 44.0E TO 110.0E AND BET LAT 20.0S TO 27.0S LONG 53.0E TO 80.0E (.)

TOO 13/1840 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 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