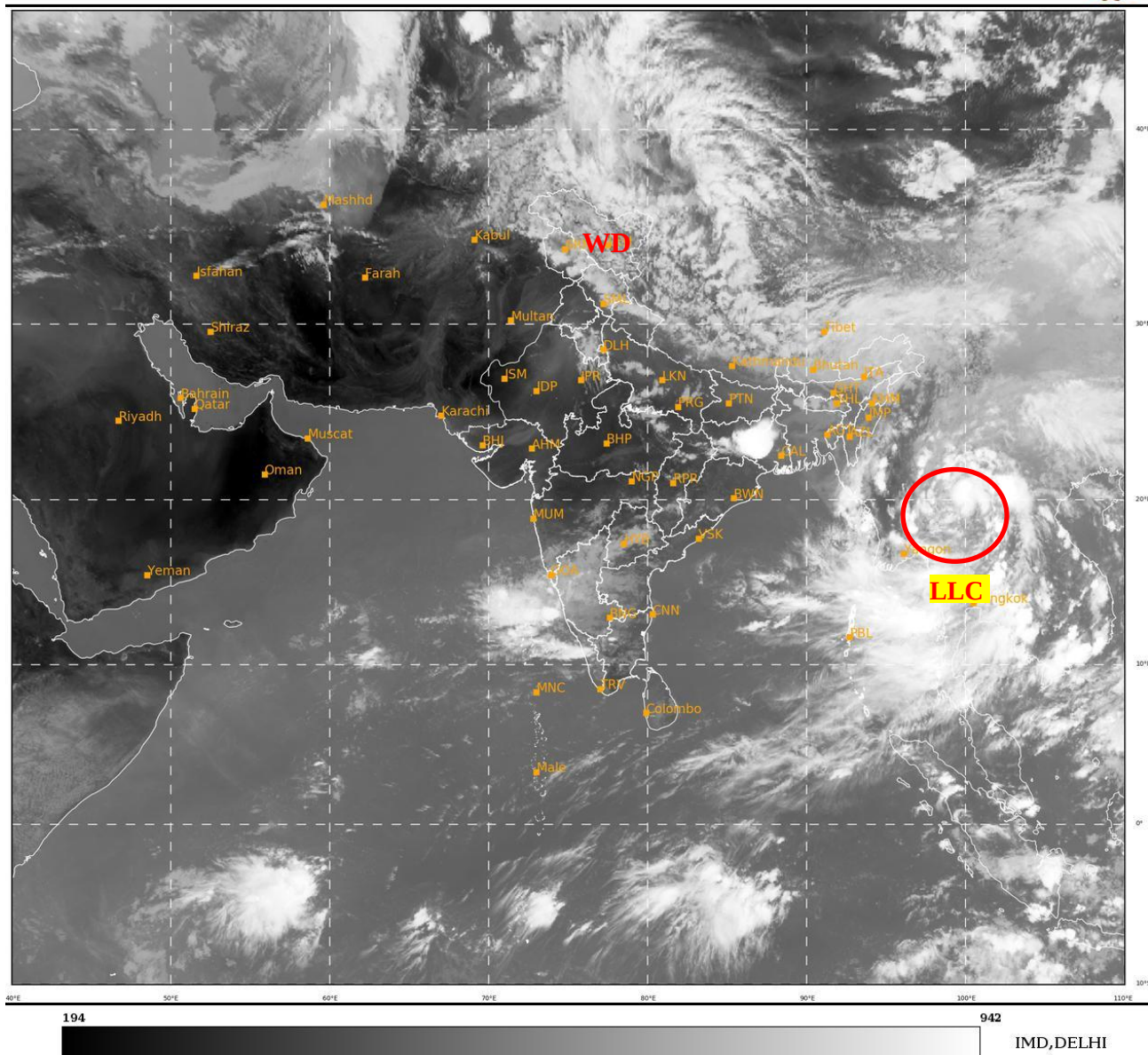




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.05.2022 TIME 0900 UTC

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

21-05-2022/(0900 to 0926) GMT
21-05-2022/(1430 to 1456) IST



TCIN50 DEMS 210900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

LOW LEVEL CIRCULATION OVER NORTH-WEST THAILAND ADJ MYANMAR:-

LLC OVER NORTH-WEST THAILAND ADJ MYANMAR (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH MYANMAR THAILAND N LAOS NORTH ANDAMAN SEA GULF OF MARTABAN AND TENASSERIM COAST (MINIMUM CTT MINUS **93** DEG C) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXT N PAK LADAKH J&K HP UTRKND HARY UP TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM/ CONVECTIVE ACTIVITY:-

THUNDERSTORM/CONVECTIVE ACTIVITIES OBSERVED OVER E JHRKND ADJ W GWB LKSDP ILS AREA ANDAMAN & NICOBAR ILS (.)

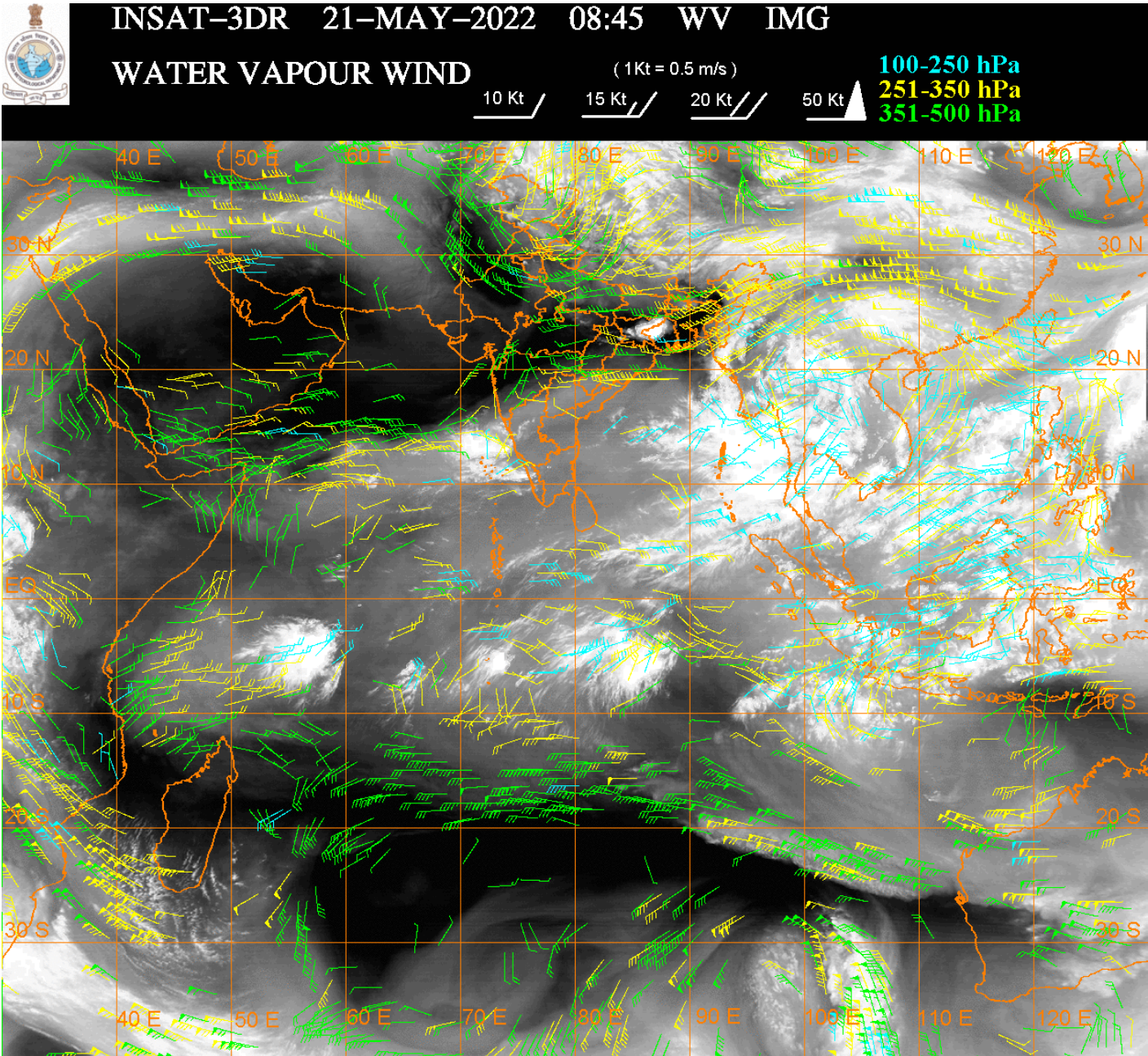
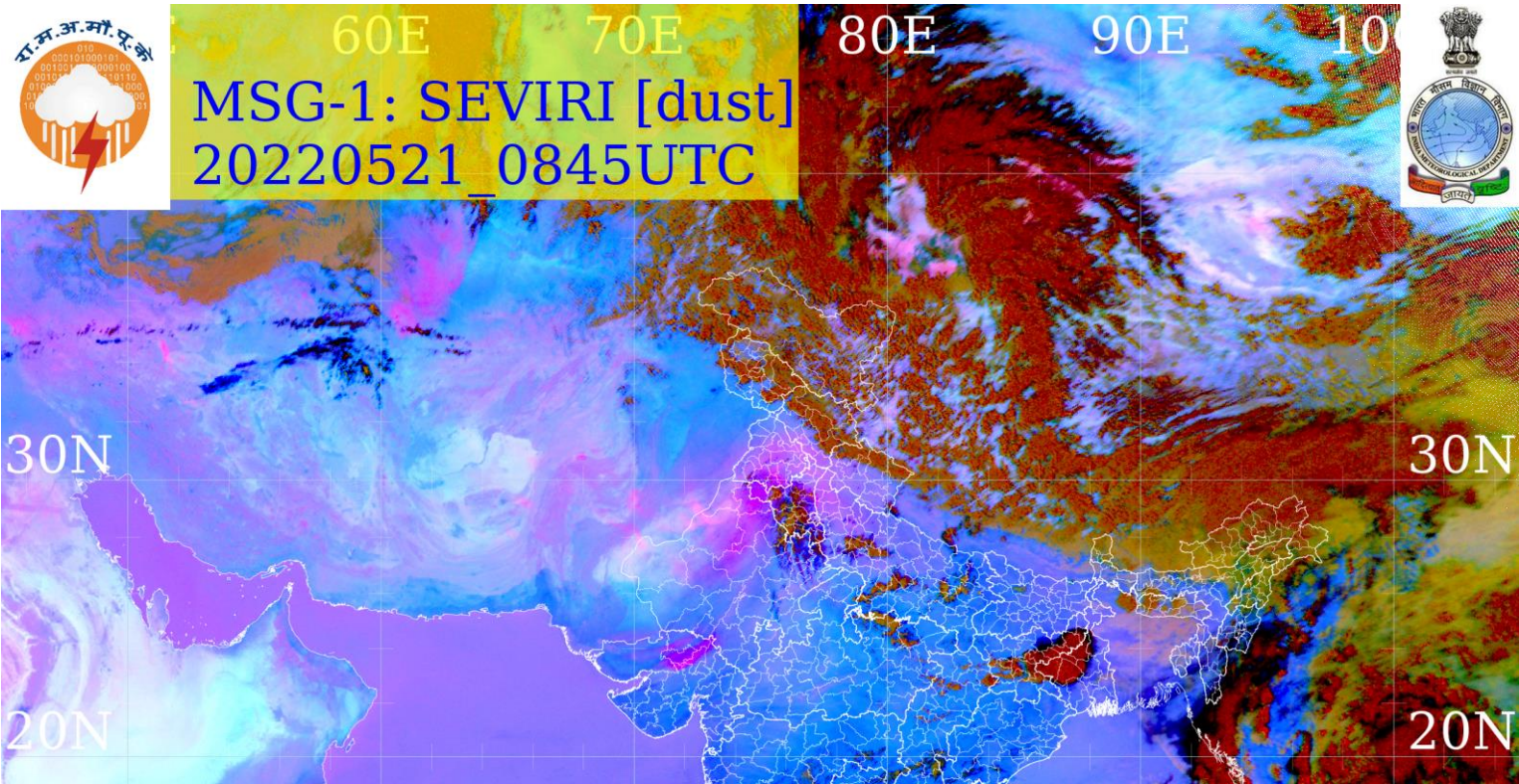
DUST:-

METEOSAT-8 RGB DUST PRODUCT AT 0845 UTC INDICATES DUST OVER PJB S HP RAJ N GUJ N HARY AND NW UP (.)

PRECIPITATION NOWCASTING:-
(BASED ON SCOPE NOWCASTING TOOL AT 0800 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-

RAINFALL UPTO **5-10 MM** LIKELY OVER WC GWB E ARUPR LKSDP ILS ANDAMAN & NICOBAR ILS (.)

RAINFALL UPTO **0.5-5 MM** LIKELY OVER NE ASSAM NAGA C COTL KRNTK (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E JHRKND ADJ W GWB (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C JHRKND N CHTGH ARUPR AND WK TO MOD CONVTN OVER S CHTGH SW ORS N SHWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER N BHR REST ORS REST GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NE RAJ NE MP GOA (.) SCT LOW/MED CLOUDS OVER SE MP GUJ MAHA (.)

SOUTH:-

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

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA OFF KER COAST AND LKSDP ILS AREA (.)

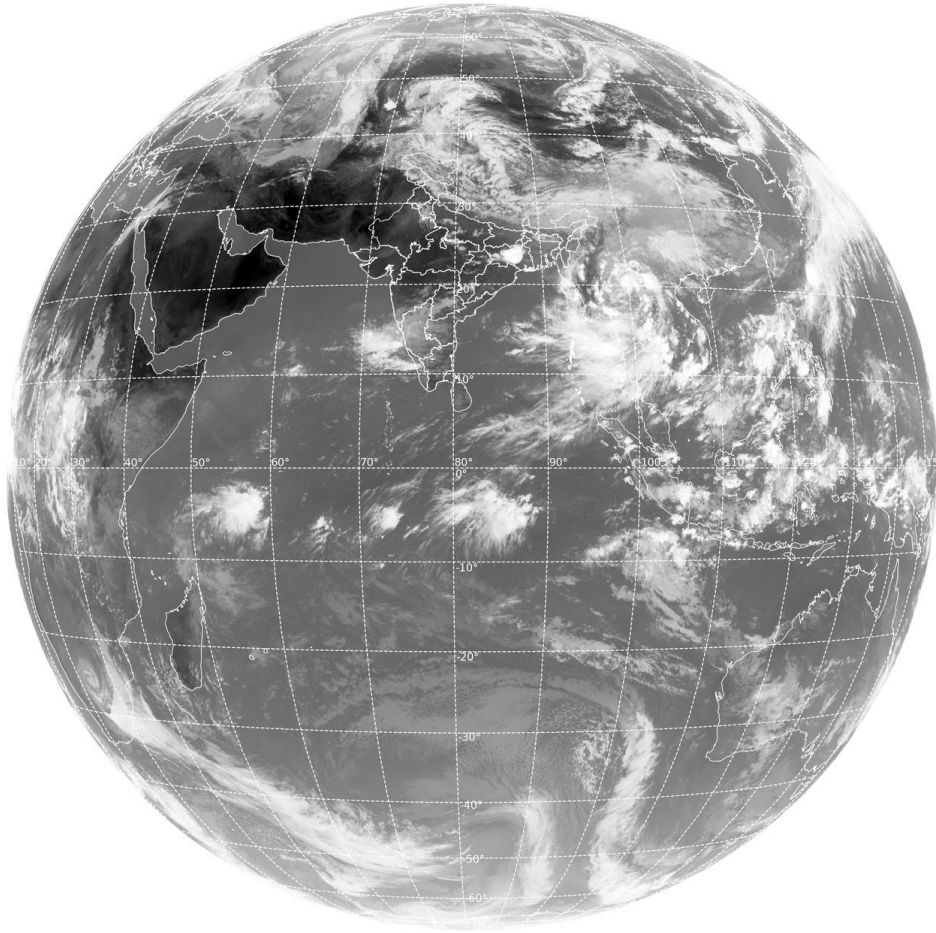
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE & EC BAY ARAKAN COAST ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC & SE BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

21-05-2022/(0900 to 0926) GMT
21-05-2022/(1430 to 1456) IST



195

976

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT N PAK BHUTAN TIBET CHINA 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 10.0S LONG 52.0E TO 110.0E (.)

TOO 21/1530 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
	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