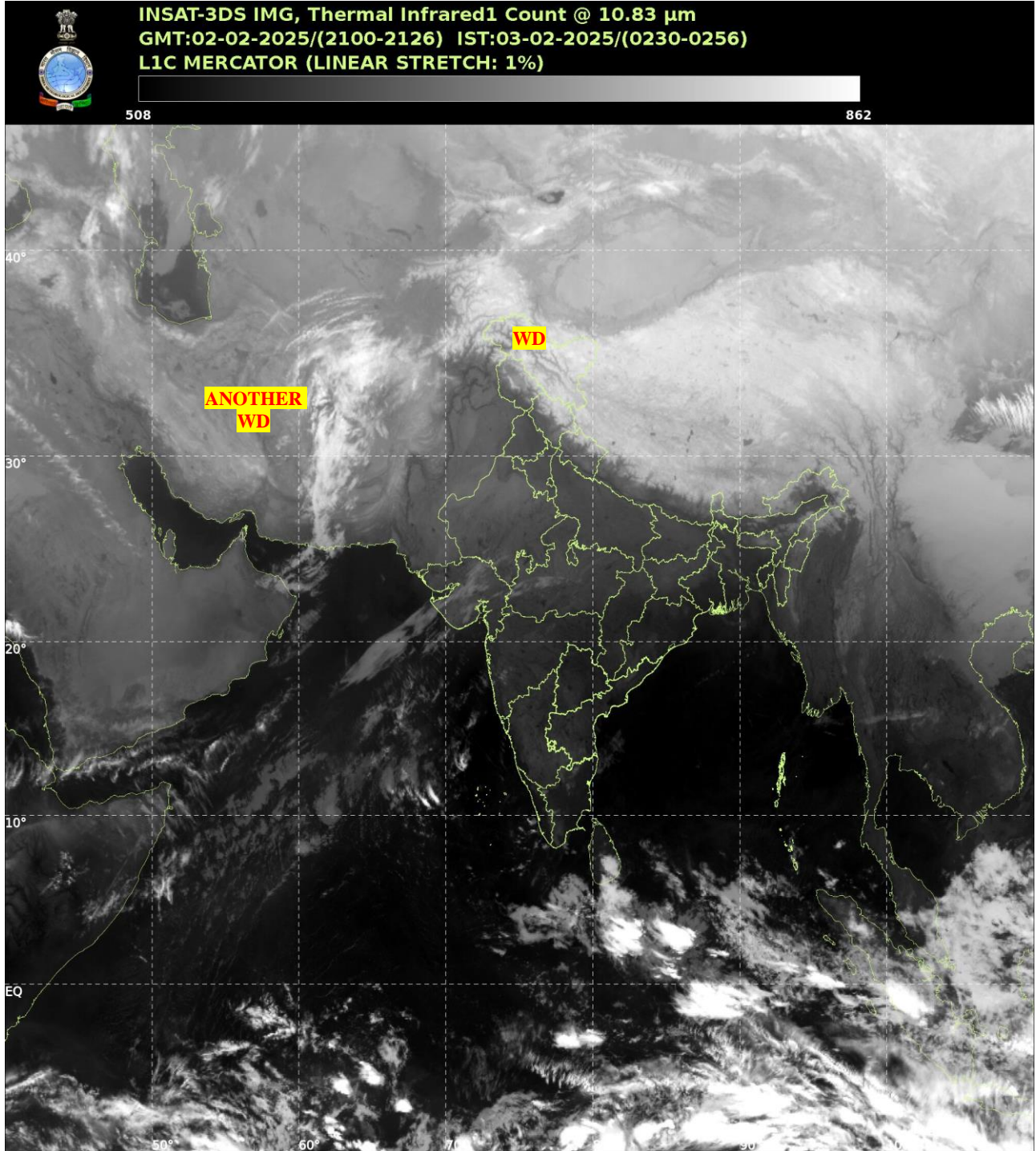




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
02.02.2025 TIME 2100 UTC



TCIN50 DEMS 022100

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 022100 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:-

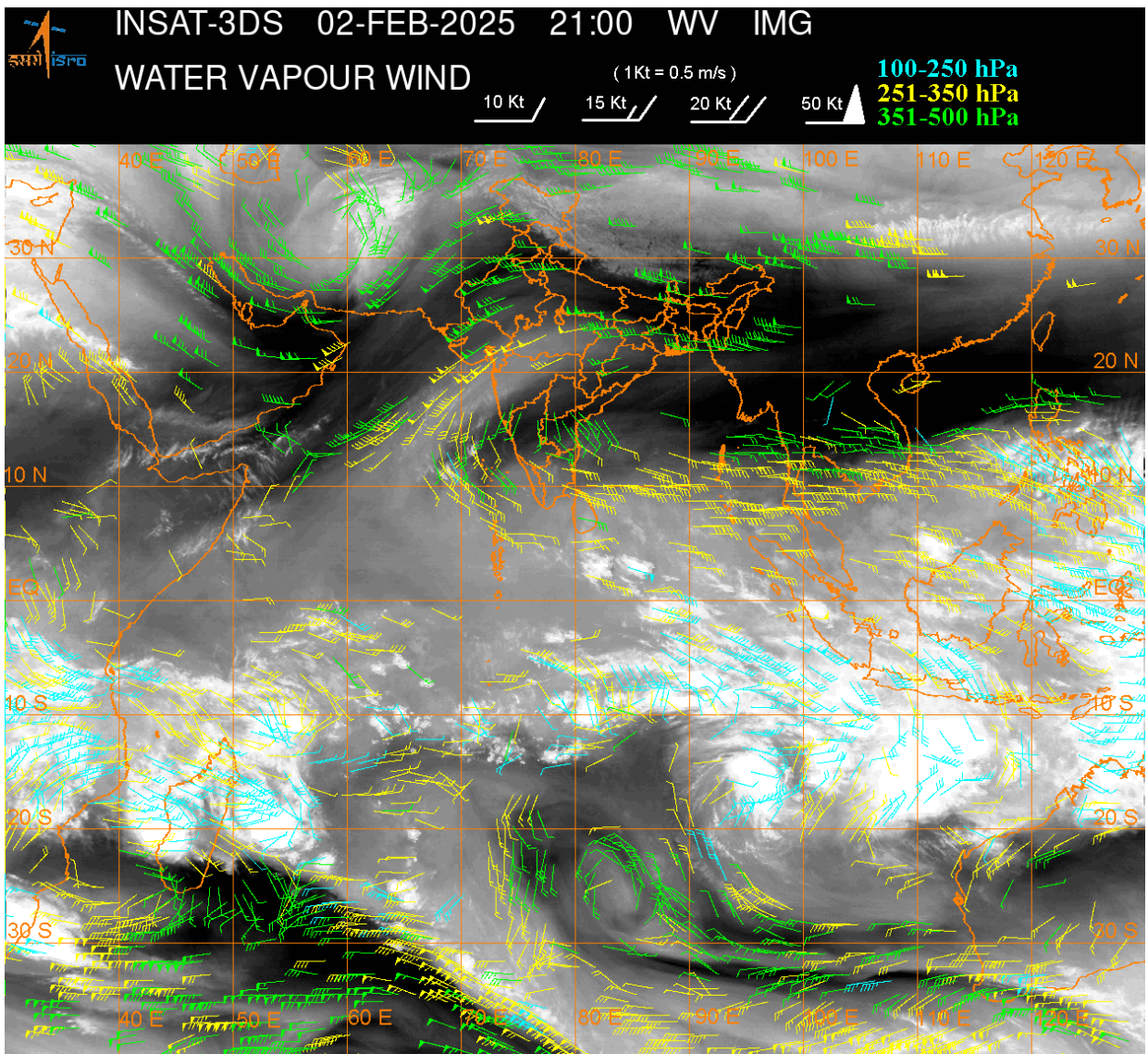
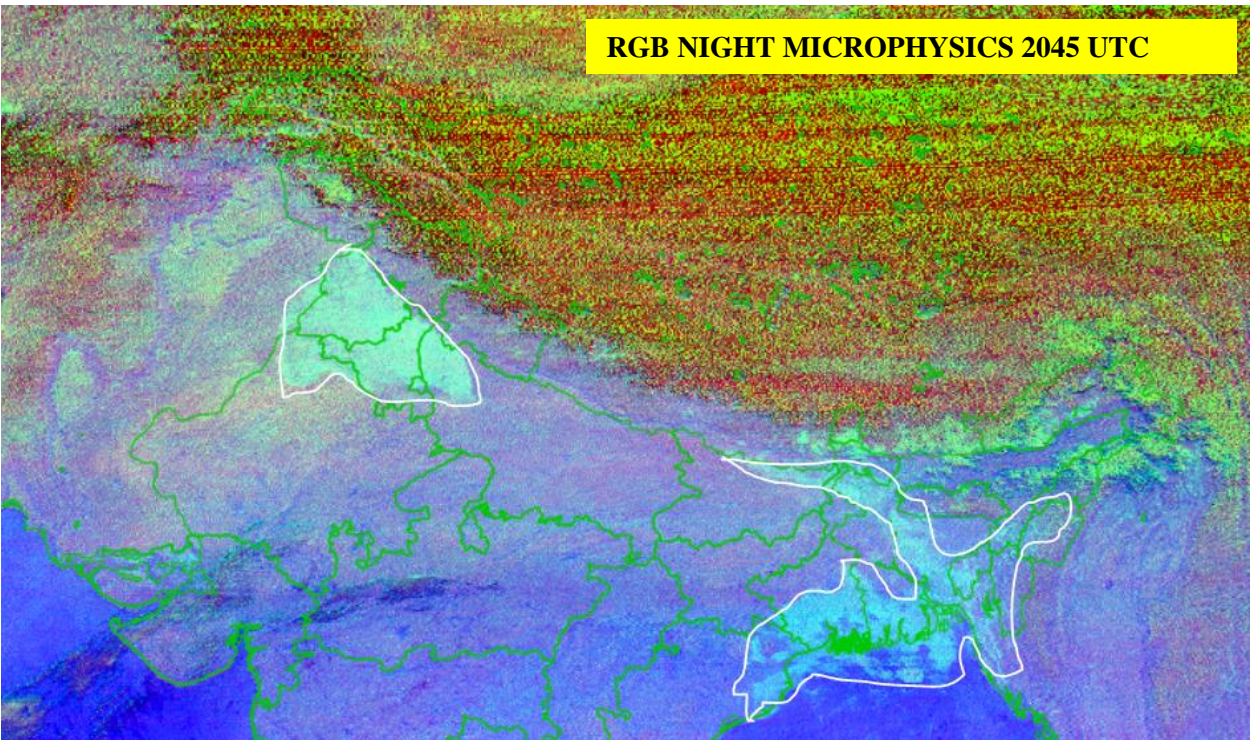
SCT MULTILAYERED CLOUDS OVER LADAKH J&K N HP N UTRKND TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

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

FOG / LOW CLOUDS:-

RGB COMPOSITE NIGHT MICROPHYSICS IMAGERY OF INSAT-3DR AT 2045 UTC INDICATES SCT FOG / LOW CLOUDS OVER EC PAK PJB S HP S UTRKND N HARY DLH N RAJ NW UP SHWB SKM N BHR SE JHRKND GWB N COTL ORS NE STATES & BD (.)

RGB NIGHT MICROPHYSICS 2045 UTC



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER S GWB SHWB REST NE STATES (.)

WEST:-

ISOL TO SCT LOW/MED CLOUDS OVER SW MP E GUJ MRTHWD S MADHYA MAHA KKN (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONV TN OVER LKSDP ILS & NICOBAR ILS AREA (.) ISOL TO SCT LOW/MED CLOUDS OVER TLNGN RYLSM TN KER COTL AP KRNTK (.)

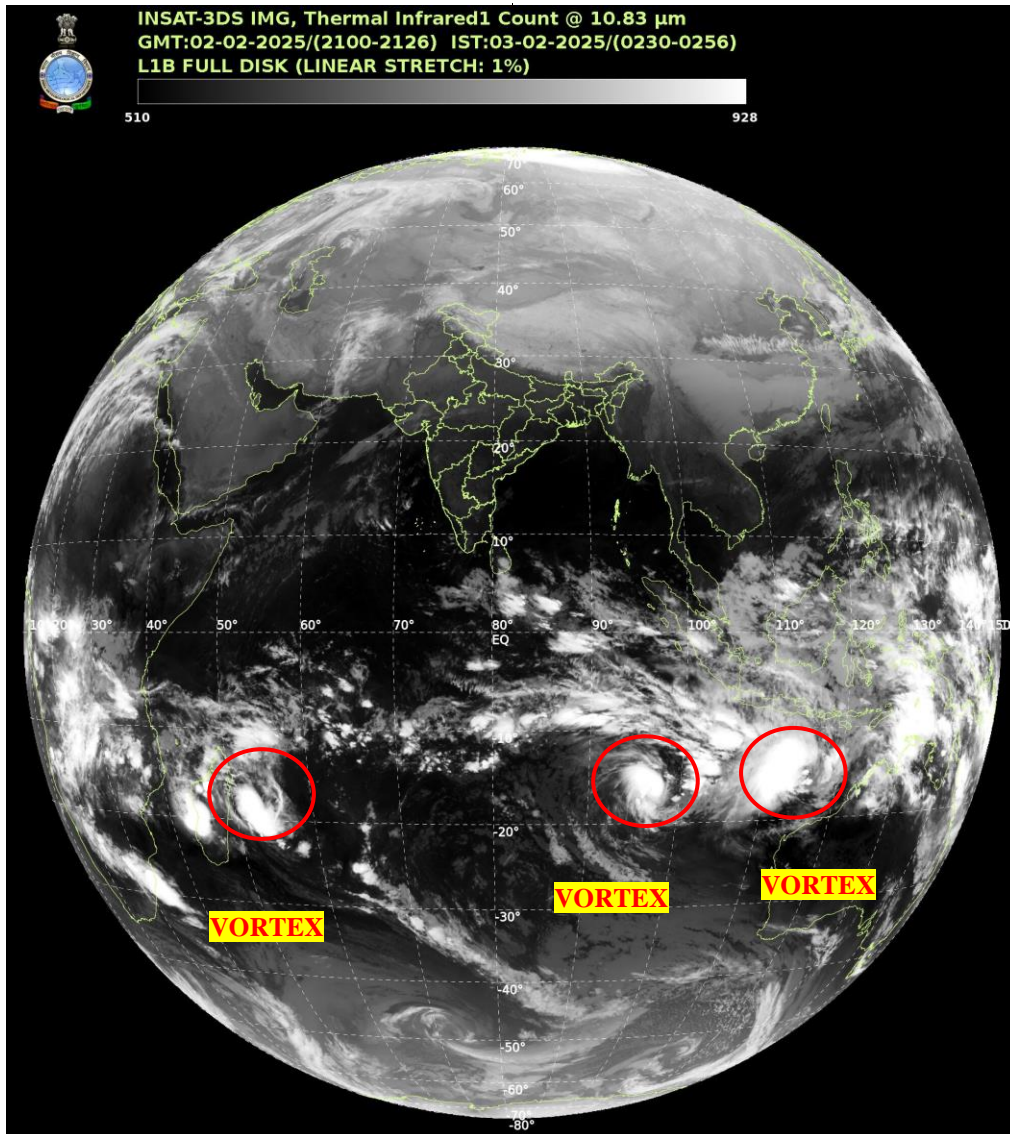
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER EC & SE ARSEA LKSDP ILS MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONV TN OVER REST ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONV TN OVER SOUTH BAY SOUTH ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN (AREA D55) CENTERED NEAR 17.8S / 53.2E (.) INTENSITY T2.5/2.5 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER AREA BET LAT 13.0S TO 21.0S LONG 50.0E TO 59.0E (.)

VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN (AREA G25) CENTERED NEAR 15.9S / 97.3E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER AREA BET LAT 13.0S TO 21.0S LONG 92.0E TO 100.0E (.)

VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN (AREA G30) CENTERED NEAR 15.0S / 115.2E (.) INTENSITY T4.0/4.0 (.) MAXIMUM SUSTAINED WINDS 64-89 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 8.0S TO 20.0S LONG 110.0E TO 120.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES N PAK TIBET CHINA YELLOW SEA SOUTH THAILAND GULF OF THAILAND CAMBODIA SOUTH VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 30.0S LONG 40.0E TO 125.0E (.)

TOO 03/0520 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 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