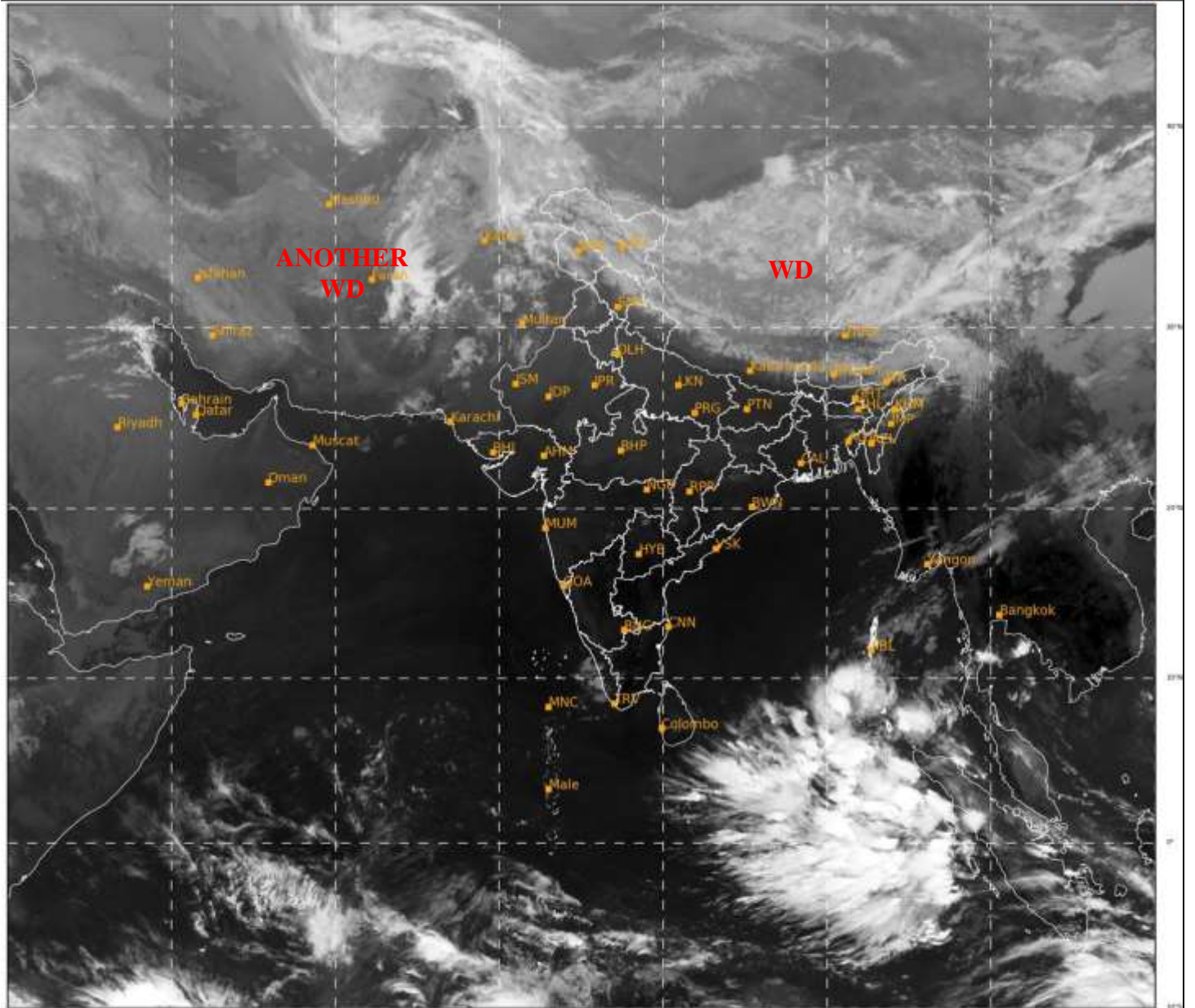




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
28.02.2022 TIME 0300 UTC

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

28-02-2022/(0300 to 0327) GMT
28-02-2022/(0830 to 0857) IST



475

940

IMD, DELHI

TCIN50 DEMS 280300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 280300 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 TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

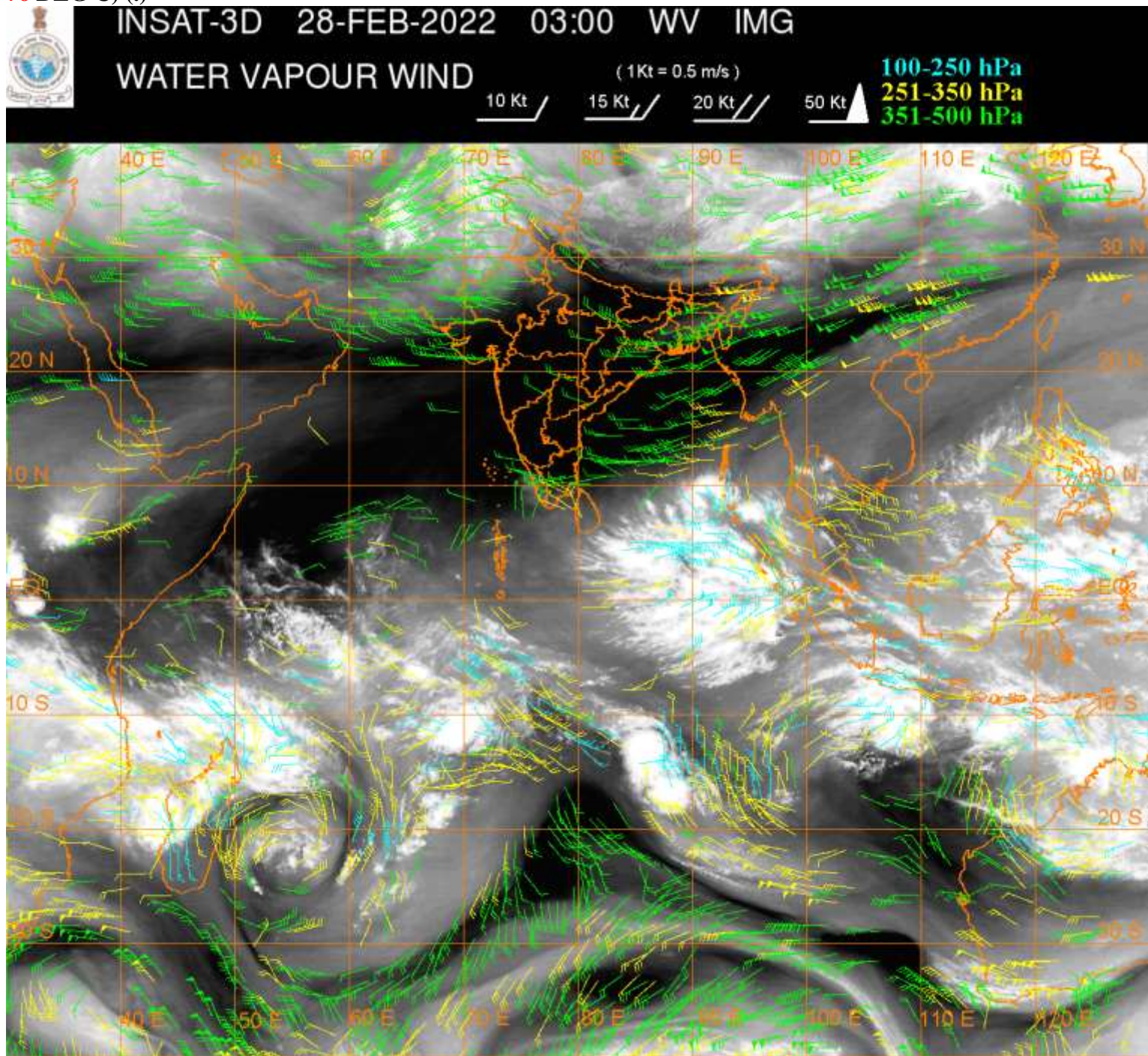
SCT MULTILAYERED CLOUDS OVER SE IRAN AFGAN PAK AND N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)

CONVECTION OVER S ANDAMAN SEA SE BAY & N/HOOD:-

INTENSE TO VERY INTENSE CONVTN OVER S ANDAMAN SEA SE BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN PERSISTS (MINIMUM CTT MINUS **93** DEG C) (.) CONVECTION HAS INCREASED WITH SLIGHT MOVEMENT IN WEST DIRECTION DURING LAST 12 HRS (.)

ASCAT METOP-B PASS OF 27/1603 UTC SHOWS MAXIMUM WINDS OF 15 – 20 KTS OVER SE BAY

ADJ EQUATORIAL INDIAN OCEAN AND N/HOOD (.)
INTENSE TO VERY INTENSE CONVTN OBSERVED OVER NICOBAR ILS (MINIMUM CTT MINUS
76 DEG C) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR ASSAM AND ISOL WK CONVTN OVER GWB N SHWB MEGHA NAGA MANI BD (.) SCT LOW/MED CLOUDS OVER N CHTGH NW ORS MIZO TRP (.)

WEST:-

SCT LOW/MED CLOUDS OVER EXT E MP MRTHWD VID (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NICOBAR ILS (MINIMUM CTT MINUS 76 DEG) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL COTL KER AND WK CONVTN OVER S KER ANDAMAN ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN REST KER TN (.)

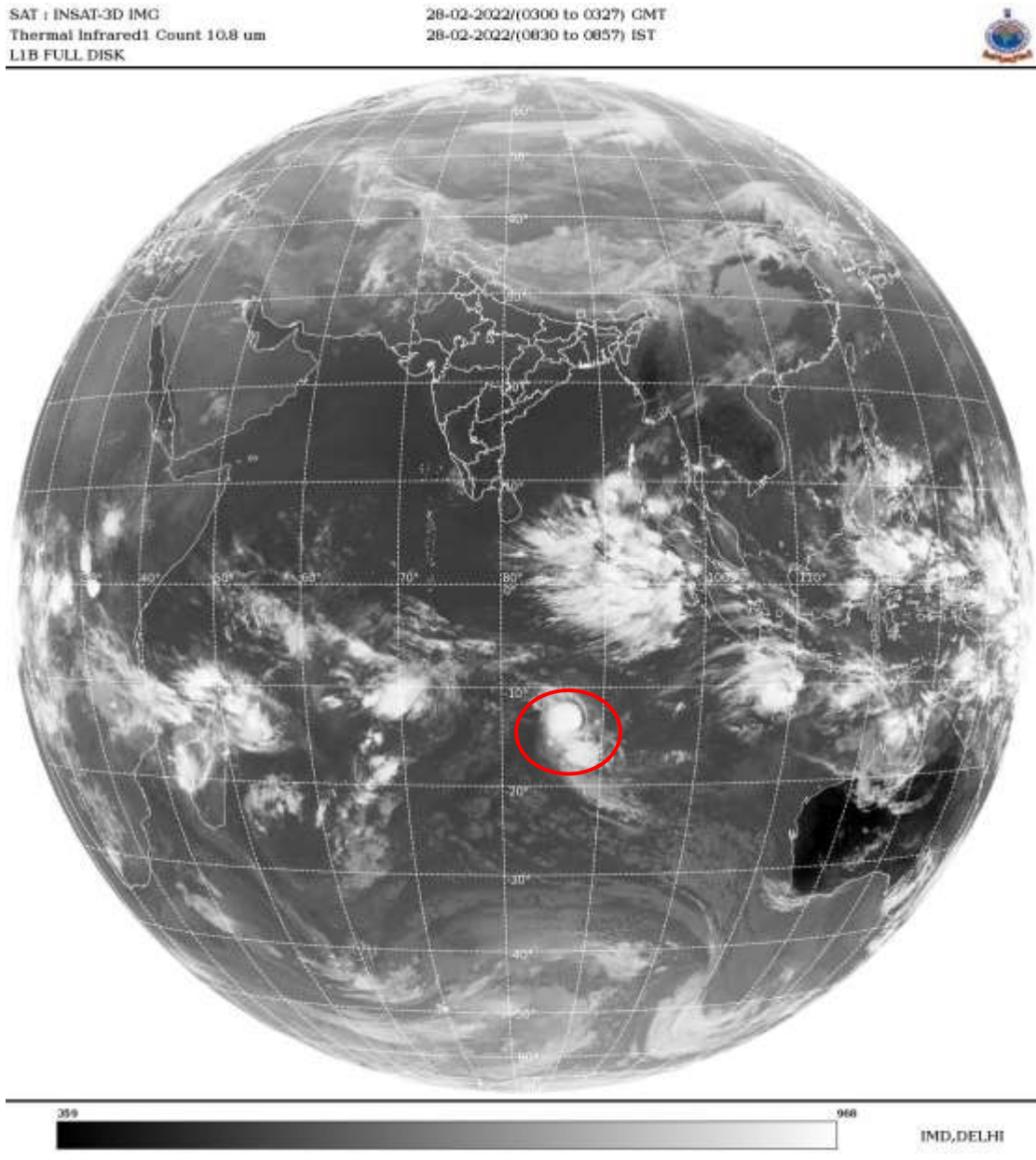
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA OFF S KER COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST SOUTH ARSEA (.) SCT LOW/MED CLOUDS OVER NW & WC ARSEA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN AND S ANDAMAN SEA (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY SOUTH OF LAT 10.0N AND WK TO MOD CONVTN OVER EC & REST SE BAY & N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:



VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX (**VERNON**) OVER SOUTH INDIAN OCEAN CENTERED NEAR **13.4S / 87.9E** (.) INTENSITY **T2.5/2.5** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.5S TO 17.5S LONG 84.0E TO 90.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA YELLOW SEA E CHINA SEA S MYANMAR THAILAND GULF OF THAILAND N LAOS N VIETNAM GULF OF TONKIN 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 30.0S LONG 50.0E TO 70.0E AND BET LAT 5.0N TO 23.0S LONG 70.0E TO 110.0E (.)

TOO 28/0930 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