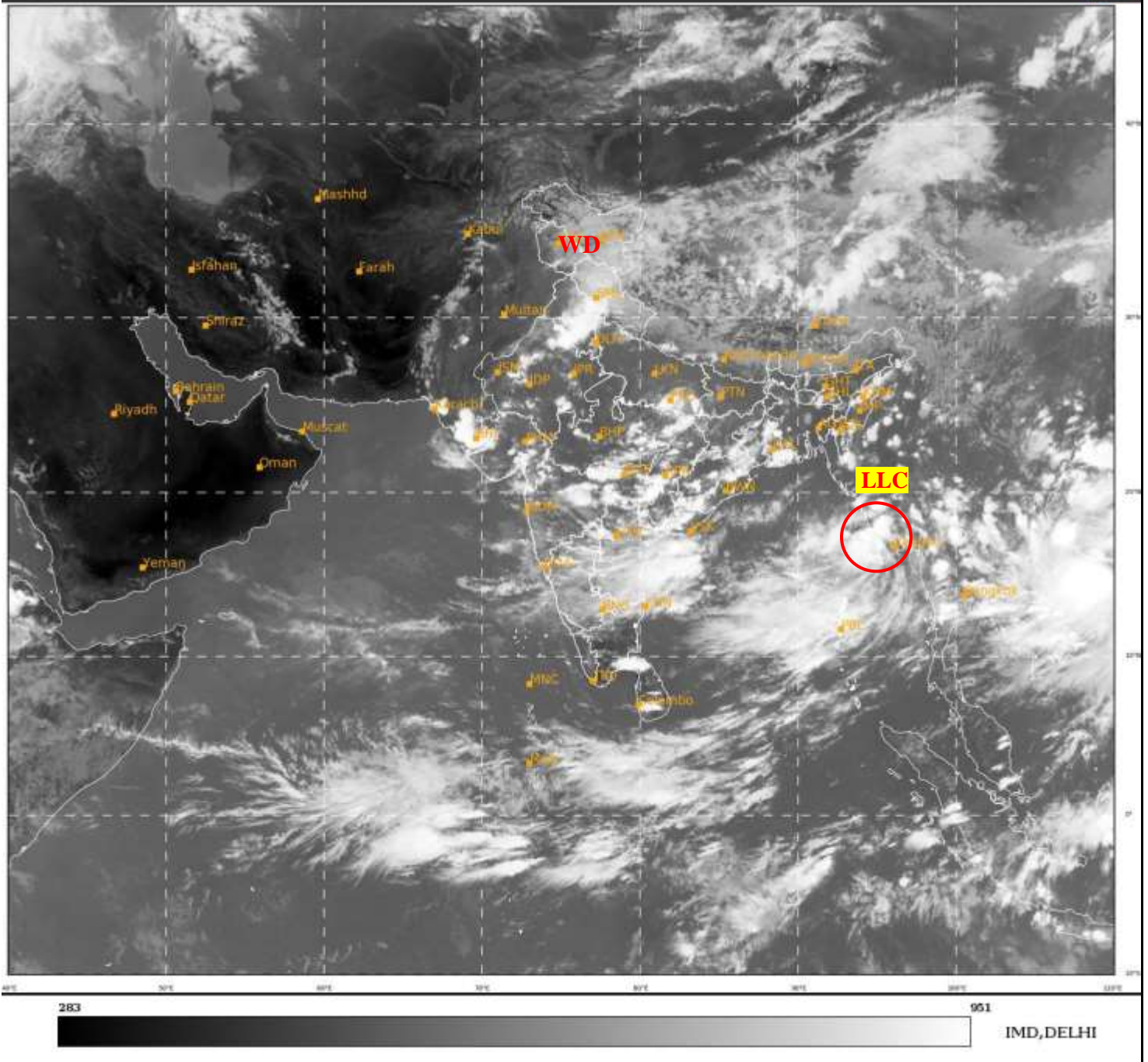




SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
23.09.2021 TIME 0900 UTC

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

23-09-2021/(0900 to 0926) GMT
 23-09-2021/(1430 to 1456) IST



TCIN50 DEMS 230900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 230900 UTC (.)

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

SALIENT FEATURES:-

LLC OVER EXTREME SOUTH MYANMAR & N/HOOD:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXTREME SOUTH MYANMAR ADJ EC BAY AND MOD TO INT CONVTN OVER GULF OF MARTABAN & N/HOOD IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.) MINIMUM CTT MINUS 93 DEG CEL (.)

WESTERN DISTURBANCE (WD):-

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



INSAT-3D 23-SEP-2021 09:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

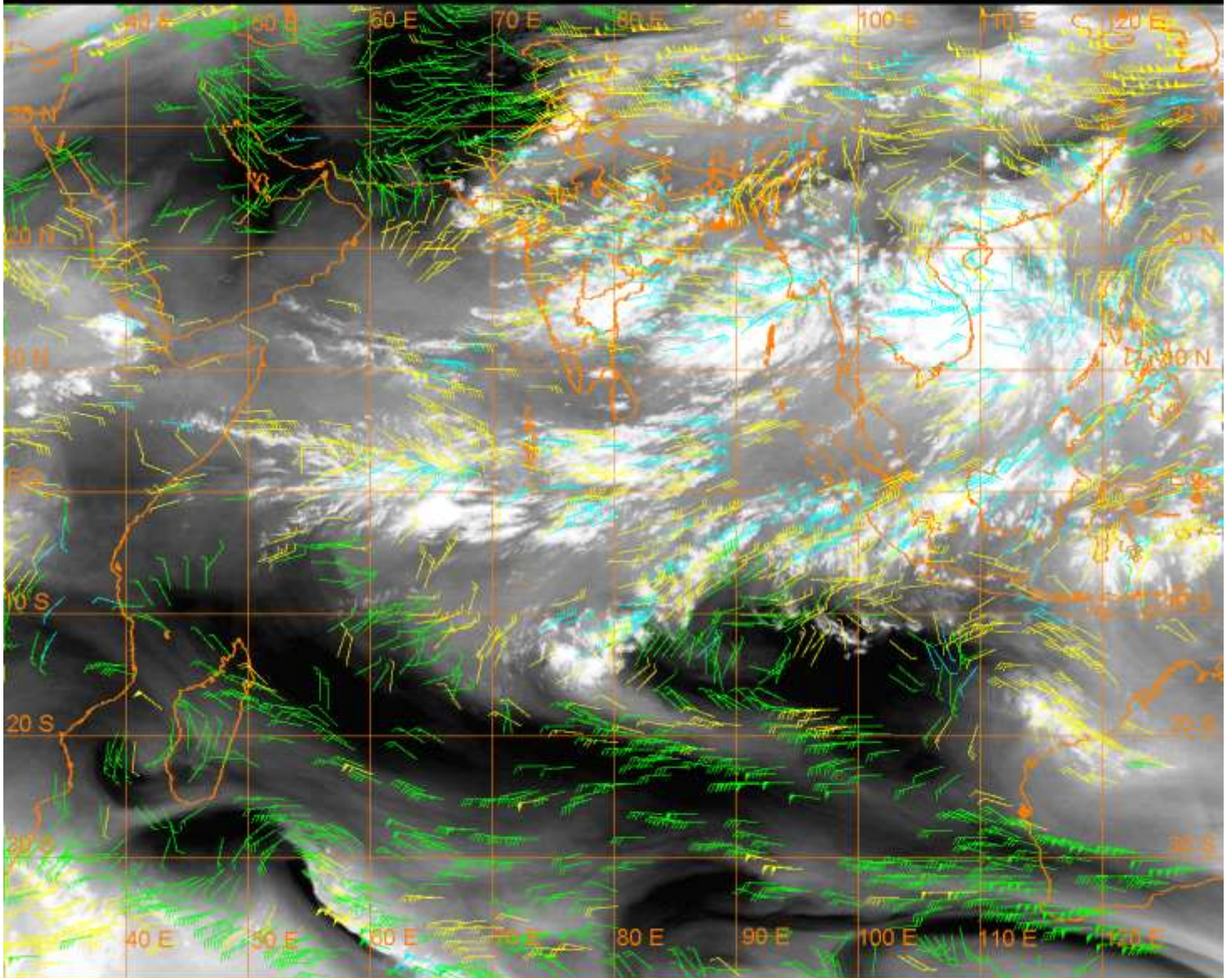
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W HARY ADJ E PJB SE UP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT SW J&K S HP EXT PARTS OF UTRKND EXT NW UP AND WK TO MOD CONVTN OVER LADAKH REST J&K N HP N UTRKND REST E PJB SE HARY(.) SCT LOW/MED CLOUDS OVER DLH REST UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W CHTGH ORS W GWB S NAGA AND MOD TO INT CONVTN OVER E CHTGH S JHRKND SW BHR W GWB C MEGHA EXT W ASSAM N NAGA MIZO & S BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N JHRKND SKM ARUPR SE ASSAM (.) SCT LOW/MED CLOUDS OVER REST BHR SHWB NE ASSAM TRP (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT N RAJ NW ADJ GUJ GULF OF KUTCH EC MP N VID AND MOD TO INT CONVTN OVER C RAJ E GUJ REST E & WC MP S VID N MRTHWD NORTH M MAHA(.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S RAJ SW GUJ REST MAHA (.) SCT LOW/MED CLOUDS OVER REST RAJ REST MP & GOA (.)

SOUTH:-

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE NIK EXT PARTS OF TLNGN CENTRAL COTL AP S COTL TN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST TLNGN REST NIK RYLSM S COTL AP ADJ N TN & ANDAMAN ILS AND ISOL WK TO MOD CONVTN OVER REST KRNTK N KER (.) SCT LOW/MED CLOUDS OVER S KER REST TN LKSDP & NICOBAR ILS (.)

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL INT TO V INT CONVTN OVER GULF OF KUTCH AND MOD TO INT CONVTN OVER GULF OF CAMBAY EC ARSEA OFF MAHA-KRNTK COASTS (.)

BAY OF BENGAL & ANDAMAN SEA:-

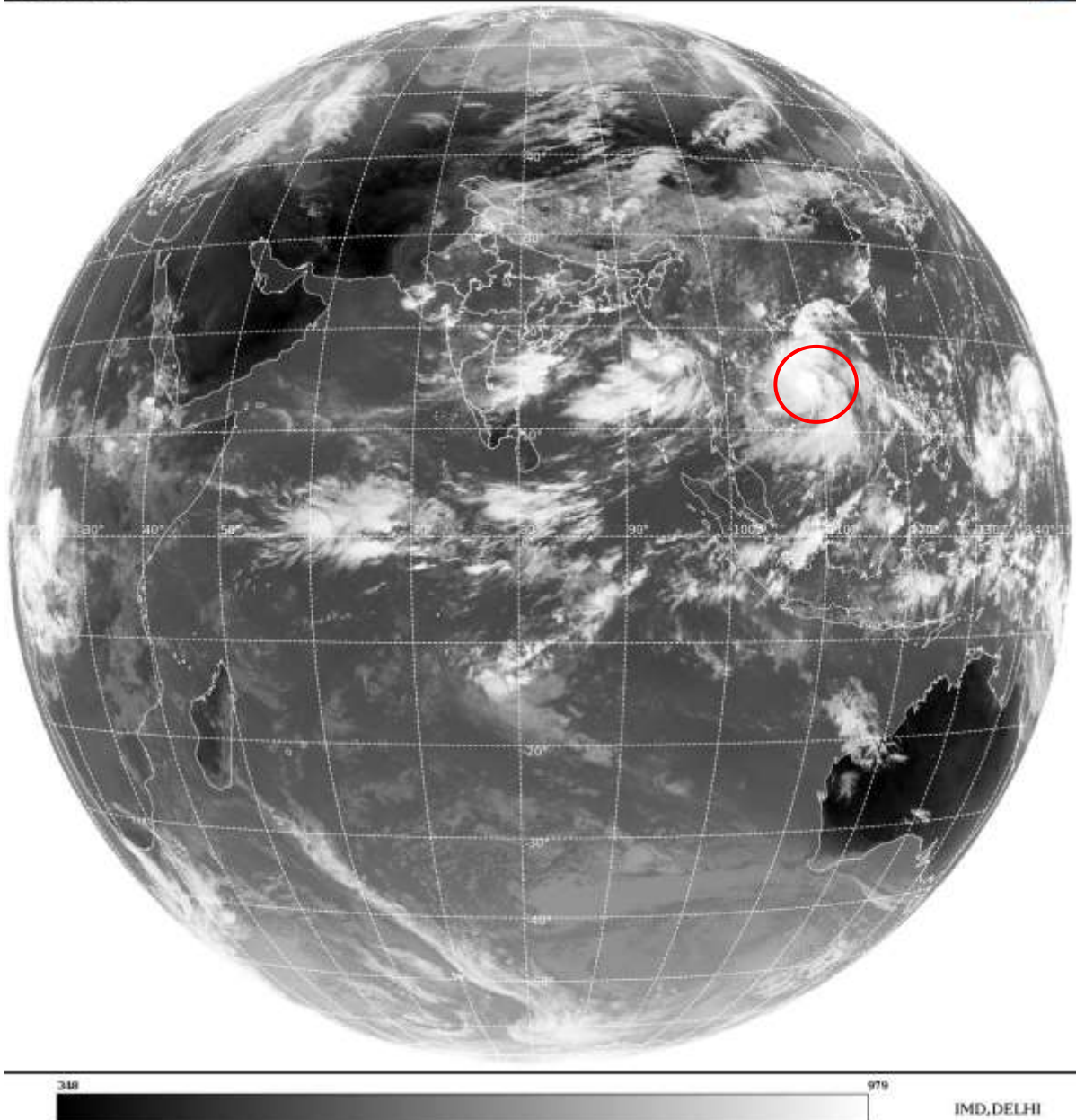
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY OFF AP COAST EC ADJ SE BAY ARAKAN COAST (MINIMUM CTT MINUS 93 DEG CEL) (.)

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

23-09-2021/(0600 to 0626) GMT
23-09-2021/(1130 to 1156) IST



VORTEX OVER SOUTH CHINA SEA ADJ CENTRAL VIETNAM & N/HOOD:-

VORTEX OVER S CHINA SEA ADJ C VIETNAM & N/HOOD CENTERED NEAR 14.7N/109.8E (.) INTENSITY T1.5 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 13.0N TO 16.0N AND LONG 106.0E TO 110.0E & VIETNAM (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S MALDIVES TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM HAINAN TAIWAN S SUMATRA ADJ W COAST BORNEO SOUTH CHINA SEA CELEBES ILS PHILIPPINES AND OVER THE INDIAN OCEAN BET LAT 5.0N TO 4.0S LONG 50.0E TO 100.0E AND BET LAT 4.0S TO 15.5S LONG 74.0E TO 90.0E (.)

TOO 23/1550EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKMNORTH- 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