



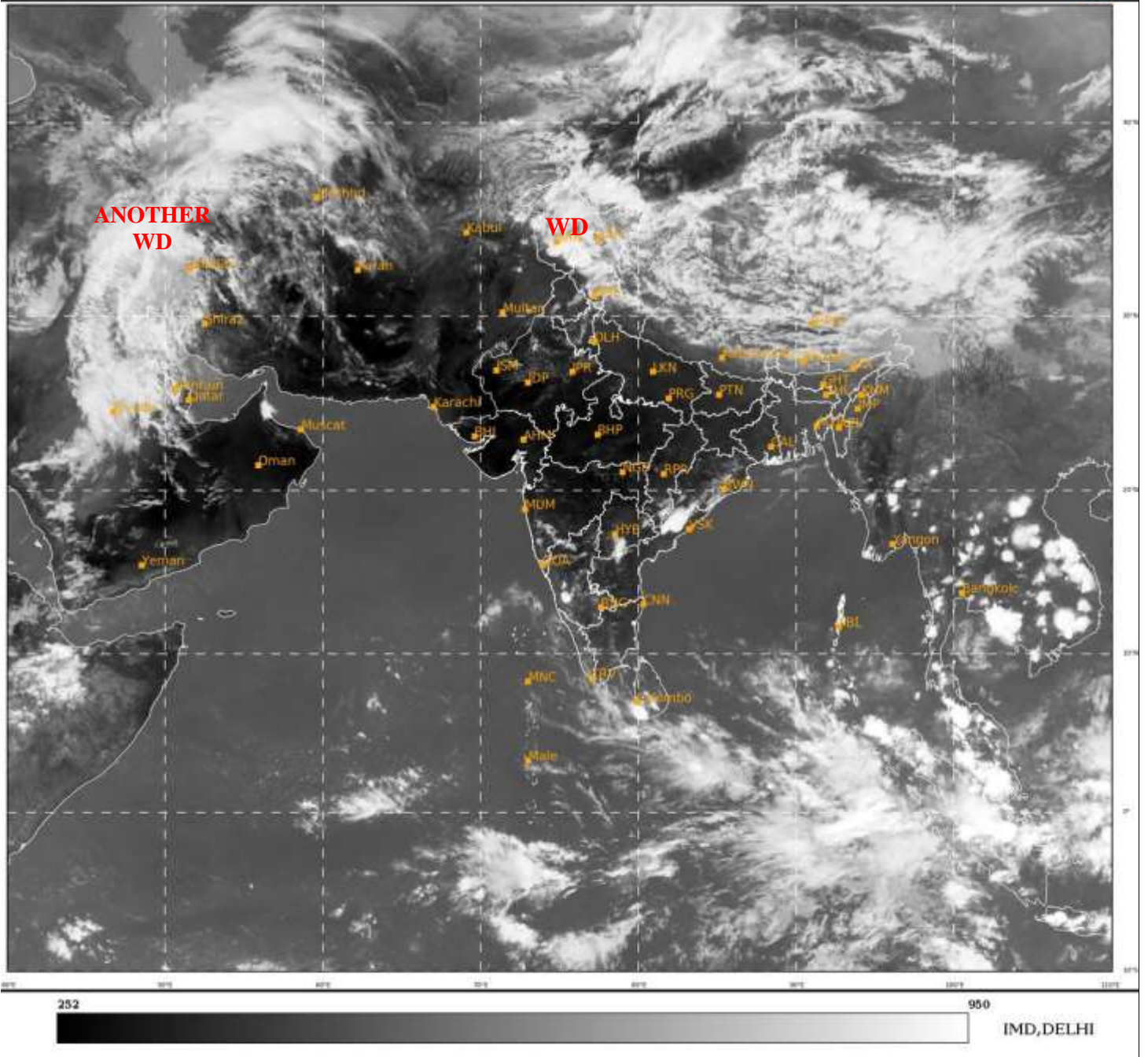
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
25.04.2022 TIME 0900 UTC

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

25-04-2022/(0900 to 0926) GMT
25-04-2022/(1430 to 1456) IST



TCIN50 DEMS 250900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 250900 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 EXT N PAK LADAKH J&K HP N UTRKND AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

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

THUNDERSTORM / CONVECTIVE ACTIVITY:-

THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER LADAKH J&K HP N UTRKND N COTL AP EXT S TLNGN (.)

DUST:-

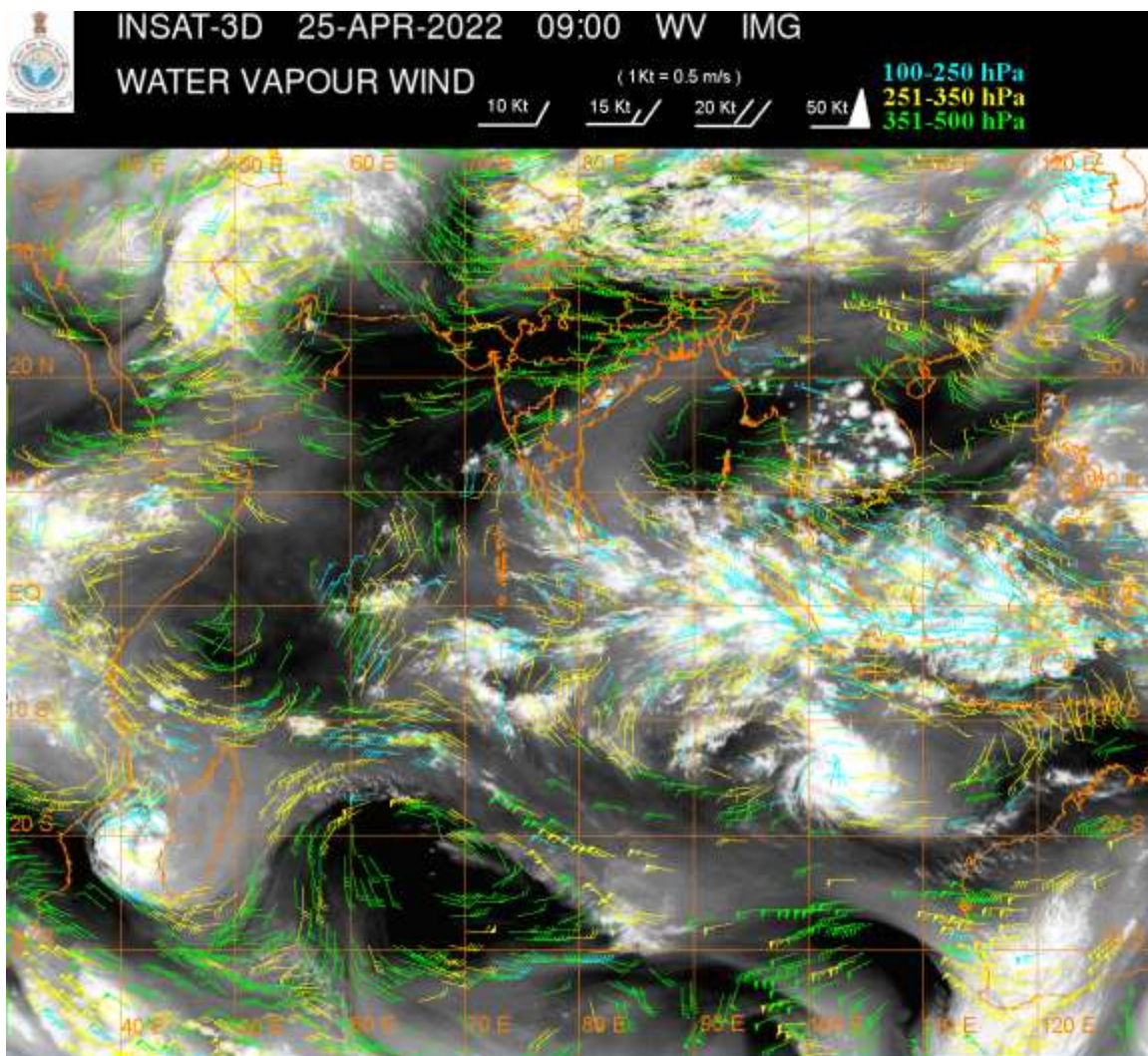
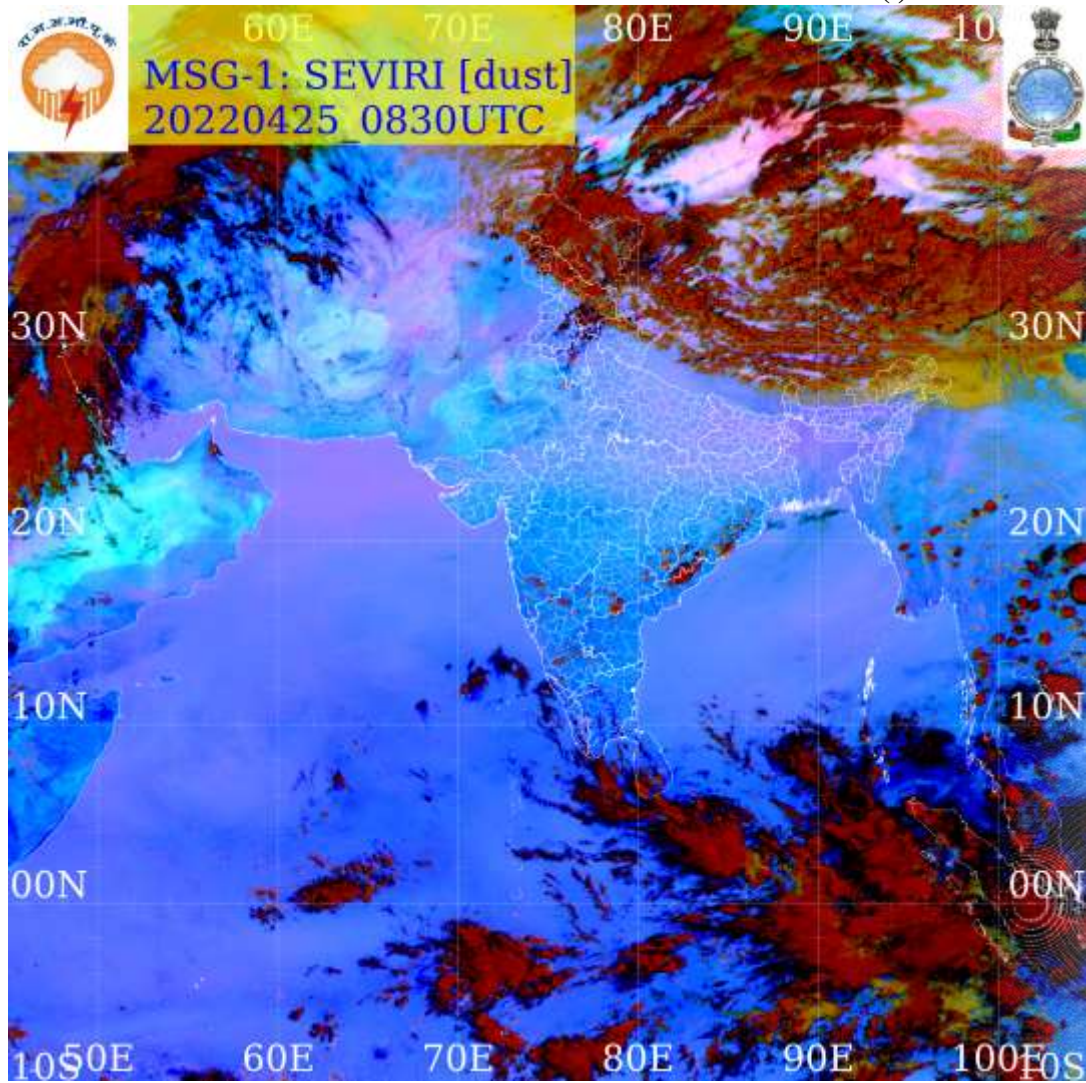
METEOSAT-8 RGB PRODUCT INDICATE DUST AT **0900 UTC** AT EXT NW RAJ SE UP N BHR S SHWB MEGHA ASSAM MANI (.)

PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 0830 UTC AT A LEAD TIME OF 03 HRS (MM/HR) :-

RAINFALL UPTO 5-12 MM OBSERVED OVER N COTL AP (.)

RAINFALL UPTO 0.5-5 MM OBSERVED OVER NW LADAKH J&K N HP (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE CHTGH S ORS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NE ORS SKM ARUPR NE ASSAM (.) SCT LOW/MED CLOUDS OVER REST S CHTGH NW ORS REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER NW RAJ SOUTH MADHYA MAHA ADJ S KKN (.) SCT LOW/MED CLOUDS OVER REST RAJ NW MP REST MAHA (.)

SOUTH:-

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

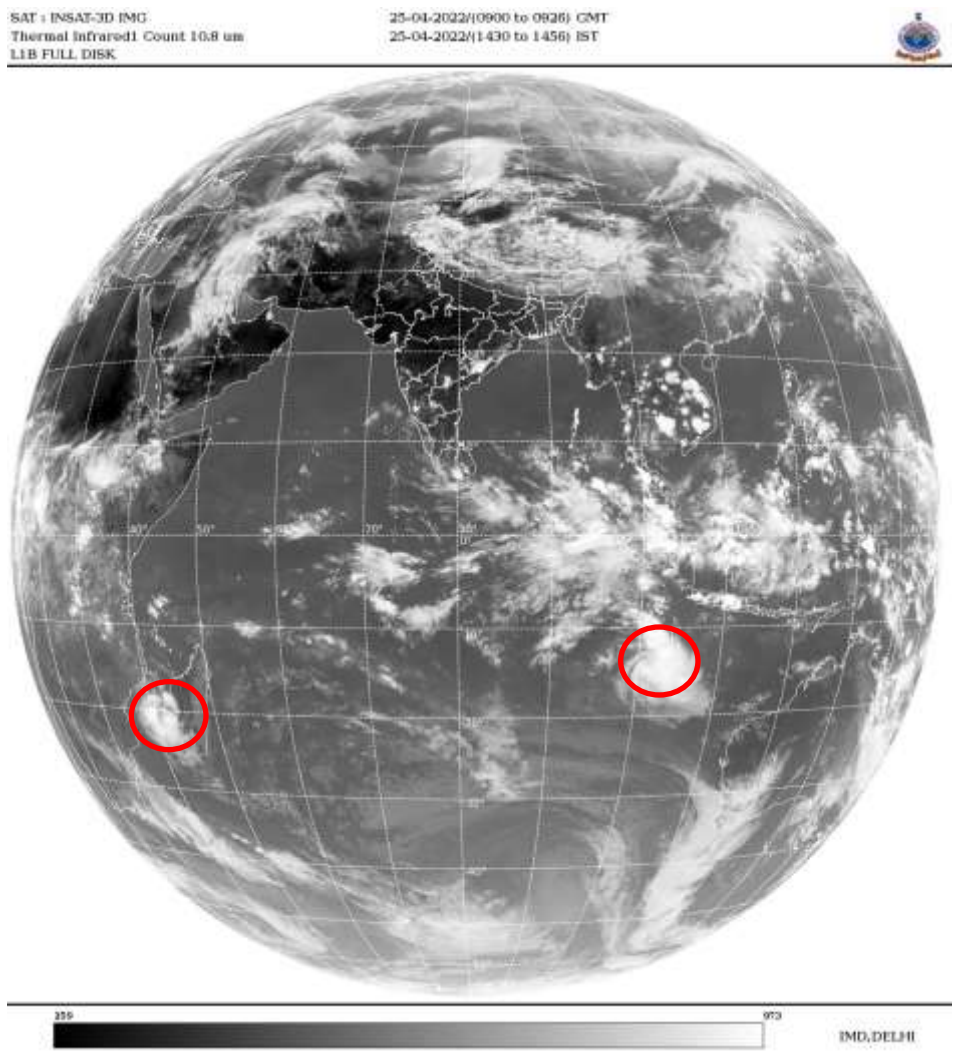
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH BAY AND WK TO MOD CONVTN OVER S ANDAMAN SEA (.) SCT LOW/MED CLOUDS OVER NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (JASMINE) OVER SOUTH INDIAN OCEAN:-

VORTEX (JASMINE) OVER SOUTH INDIAN OCEAN (MOZAMBIQUE CHANNEL) WITH CENTERED NEAR 20.7S / 40.5E (.) INTENSITY T3.0/3.0 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 17.0S TO 25.0S AND LONG 37.5E TO 44.0E (.)

ANOTHER VORTEX OVER SOUTH INDIAN OCEAN:-

VORTEX OVER SOUTH INDIAN OCEAN WITH CENTERED NEAR 14.4S / 101.3E (.) INTENSITY T2.5/2.5 (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0S TO 17.0S AND LONG 99.5E TO 107.5E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR TIBET CHINA YELLOW SEA NW MYANMAR N THAILAND GULF OF THAILAND CAMBODIA LAOS S 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 20.0S LONG 50.0E TO 110.0E (.)

TOO 25/1540 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