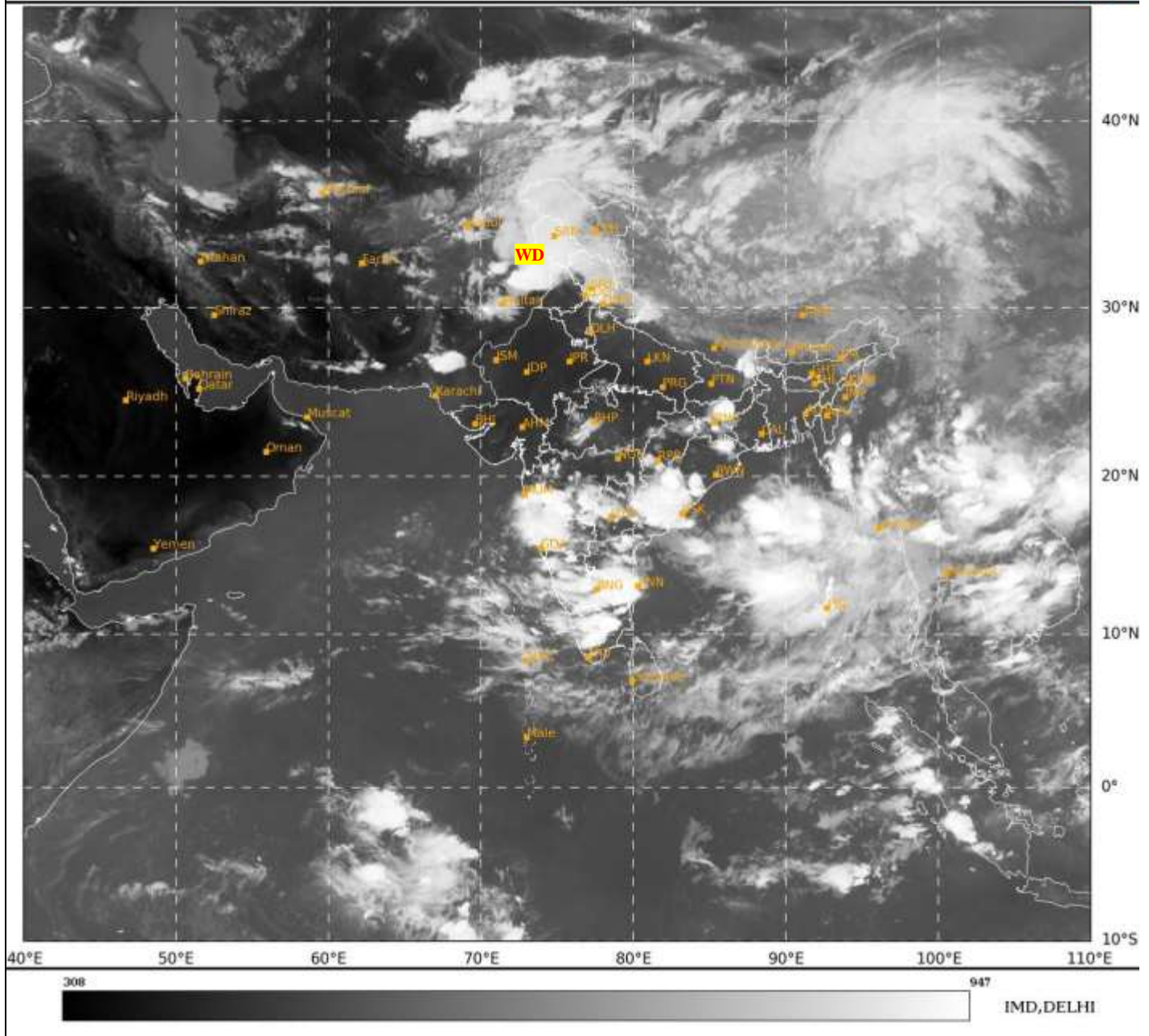




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
05.06.2024 TIME 1200 UTC

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

05-06-2024/(1200 to 1226) GMT
05-06-2024/(1730 to 1756) IST



TCIN50 DEMS 051200

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 051200 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE:-

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

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER N
BHR N JHRKND S M MAHA MRTHWD KRNTK RYLSM TLNGN TN N COTL AP N&S ORS S
CHTGH (MINIMUM **CTT MINUS 93 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER
LADAKH J&K HP UTRKND PJB LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM
CTT MINUS 50-60 DEG CEL) (.)



INSAT-3DR 05-JUN-2024 11:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

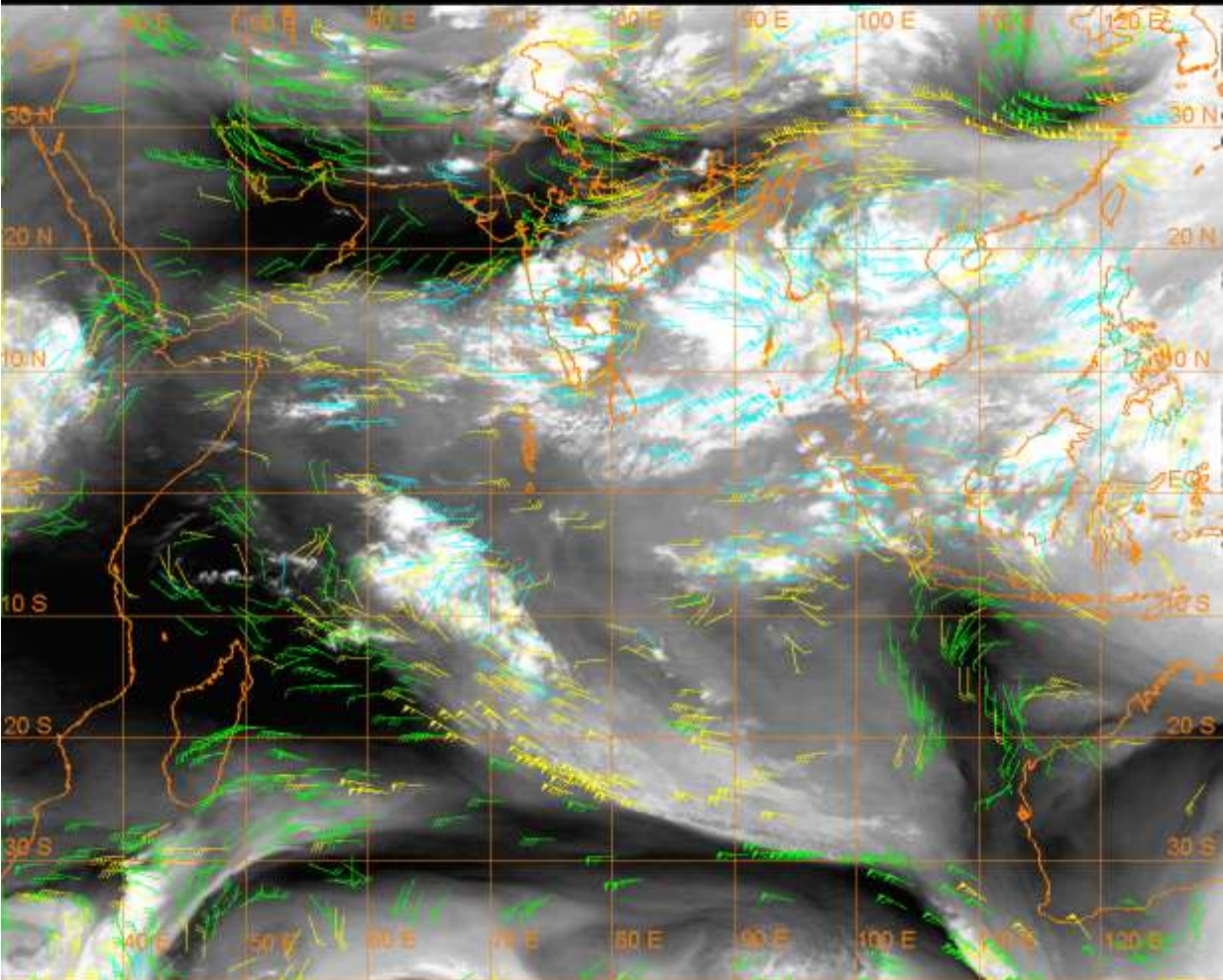
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N BHR N JHRKND N& S ORS S CHTGH (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S BHR S JHRKND NE ASSAM (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM & REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S KKN GOA M MAHA MRTHWD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SW MP REST MAHA (.) ISOL TO SCT LOW/MED CLOUDS OVER RAJ GUJ (.)

SOUTH:-

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

ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC & SE ARSEA (MINIMUM CTT MINUS 70-80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT OVER COMORIN AREA LKSDP ILS AREA AND ISOL WK TO MOD CONVTN OVER SW & WC ARSEA (.)

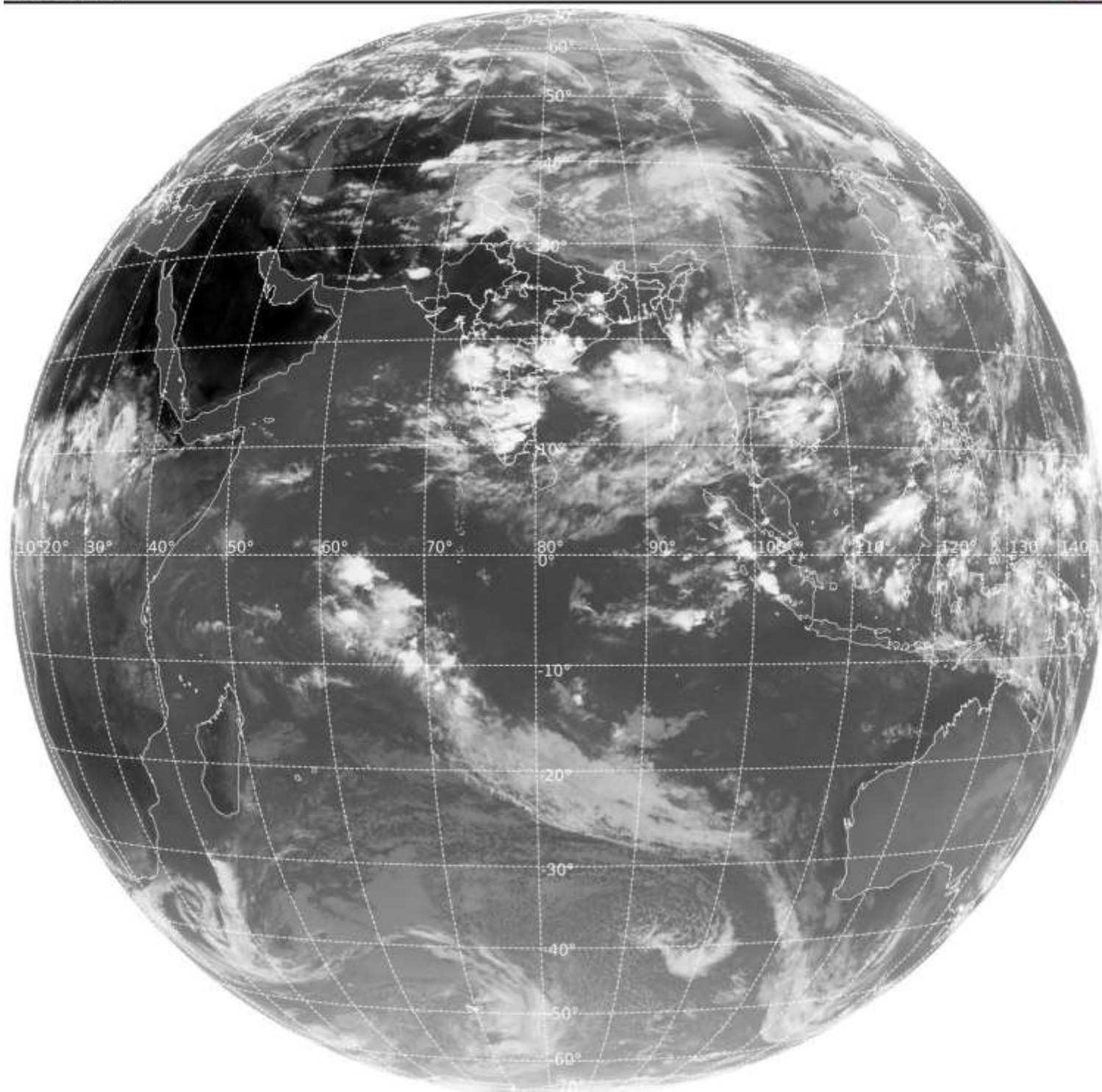
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL ADJ SOUTH BAY NORTH ANDAMAN SEA GULF OF MARTABAN & ARAKAN COAST (MINIMUM CTT MINUS 85-93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE BAY SOUTH ANDAMAN SEA TENASSERIM COAST AND ISOL WK TO MOD CONVTN OVER NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

05-06-2024/(1200 to 1226) GMT
05-06-2024/(1730 to 1756) IST



311

986

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK TIBET CHINA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 50.0E TO 100.0E AND BET LAT 20.0S TO 30.0S LONG 70.0E TO 100.0E (.)

TOO 05/1830 HRS IST=

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 CONV TN	WEAK CONVECTION (CTT GREATER THAN -25°C)	
	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONV TN	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