

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

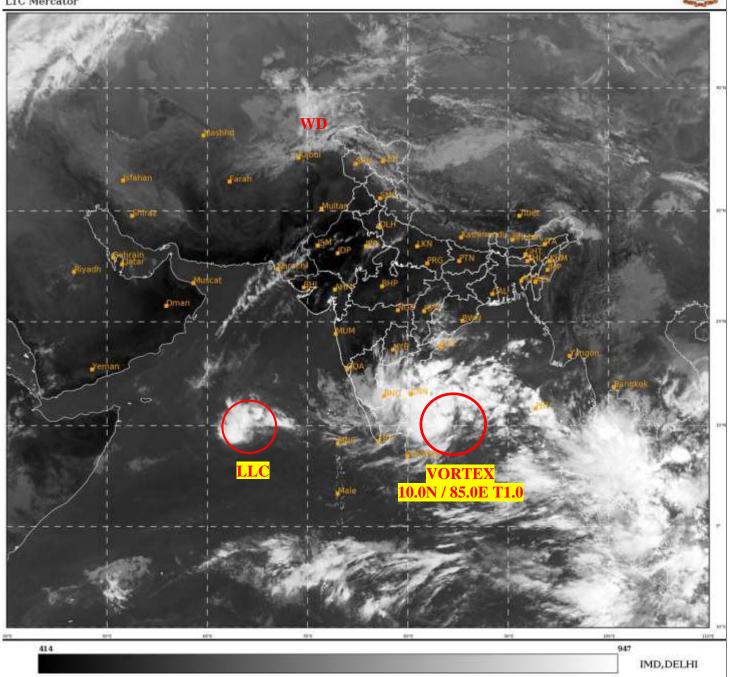


## SATELLITE BULLETIN BASED ON SATELLITE

# IMAGERIES AND PRODUCTS 10.11.2021 TIME 0600 UTC

SAT: INSAT-3D IMG IMG\_TIR1 10.8 um L1C Mercator 10-11-2021/(0600 to 0626) GMT 10-11-2021/(1130 to 1156) IST





TCIN50 DEMS 100600 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 100600 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

## **SALIENT FEATURES:-**

# **VORTEX (WML) OVER SOUTH-WEST BAY & N/HOOD:-**

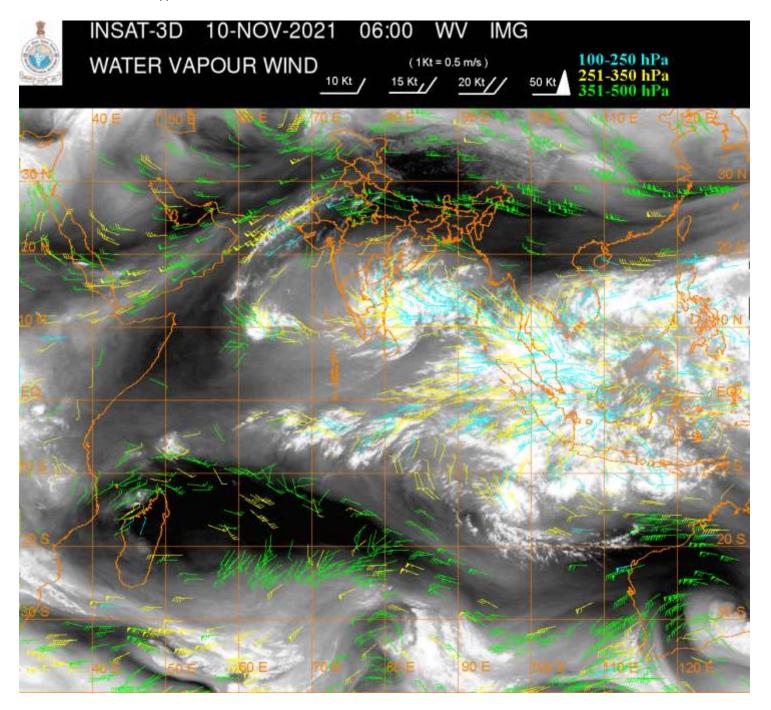
VORTEX (WML) OVER SW BAY & N/HOOD CENTERED WITHIN HALF A DEGREE OF 10.0N / 85.0E (.) INTENSITY T1.0 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW ADJ WC BAY BET LAT 7.5N TO 14.5N AND LONG 80.0E TO 86.0E (.) MINIMUM CTT MINUS 93 DEGREE C (.)

#### LLC OVER CENTRAL PARTS OF SOUTH ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ARSEA BET LAT 8.0N TO 11.5N LONG 61.5E TO 67.0E IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.) MINIMUM CTT MINUS 80 DEGREE C (.)

#### **WESTERN DISTURBANCE (WD):-**

SCT MULTILAYERED CLOUDS OVER EXTREME N PAK NW LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (,)



#### **CLOUDS DESCRIPTION WITHIN INDIA:-**

#### **NORTH:**-

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

#### **EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER CHTGH W ORS SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER N ORS NE JHRKND N GWB REST NE STATES (.)

## **WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N RAJ (.) ISOL TO SCT LOW/MED CLOUDS OVER S RAJ SE MP GUJ E VID MRTHWD & GOA (.)

## **SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE TN S COTL AP (MINIMUM CTT MINUS 80 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S TLNGN N COTL AP RYLSM SIK REST TN ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER KRNTK KER LKSDP (.) SCT LOW/MED CLOUDS OVER N TLNGN (.)

#### **ARABIAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ARSEA BET LAT 8.0N TO 12.0N LONG 61.0E TO 68.0E (.) SCT LOW/MED CLOUDS WITH EMBDD EK TO MOD CONVTN OVER SE ARSEA OFF KER COAST & N/HOOD (.)

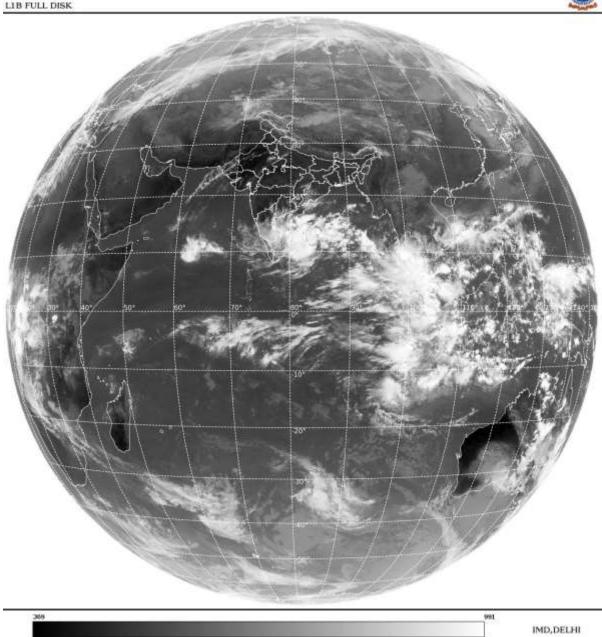
#### **BAY OF BENGAL & ANDAMAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL BAY SOUTH BAY AND ANDAMAN SEA (.)

## **CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SAT: INSAT-3D IMG Thermal Infrared1 Count 10.8 um 10-11-2021/(0600 to 0626) GMT 10-11-2021/(1130 to 1156) IST





SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR PALK STR S THAILAND GULF OF THAILAND CAMBODIA S VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT EQ TO 10.0S LONG 60.0E TO 85.0E AND BET LAT 5.0N TO 20.0S LONG 85.0E TO 110.0E (.)

TOO 10/1250EF=

NNNN

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  BKN BROKEN (SI TO 75%)  SLD SOLID (GREATER THAN 75%)  CLOUDS TOP TEMPERATURE  WK CONVTN WEAK CONVECTION (CTI GREATER THAN -25°C)  MOD CONVECTION  MOD CONVTN (CTI BETWEEN 25°C TO 40°C)  INT CONVTN (CTI BETWEEN 25°C TO 40°C)  VINT CONVTN (CTI BETWEEN 25°C TO 40°C)  VINT CONVTN (CTI BETWEEN 25°C TO 40°C)  VINT CONVTN (CTI BETWEEN 25°C TO 40°C)  WETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERIFORIES  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERIFORIES  ARUPR ARUNACHAL PRADESH  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  MAHARASHTR		ISOL	ISOLATED (LESS THAN 25%)
SLD SOLID (GREATER THAN 75%)  CLOUDS TOP TEMPERATURE  WK CONVTN (CTT GREATER THAN -25°C)  MOD CONVTN (CTT GREATER THAN -25°C)  MOD CONVTN (CTT GREATER THAN -25°C)  MOD CONVTN (CTT BETWEEN -25°C TO -40°C)  INT CONVTN (CTT BETWEEN -25°C TO -40°C)  INT CONVTN VINTENSE CONVECTION (CTT BETWEEN -25°C TO -40°C)  WE RETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  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  JÄK JAMMU AND KASHMIR  JHRKND JHARKHAND  KER KERALA  KKN KONKAN  LKSDP LAKSHADWEEP  M MAHA MADHYA MAHARASHTRA  MAHA MADHYA MAHARASHTRA  MAHA MAHARASHTRA  MAHA MAHARASHTRA  MAHA MAHARASHTRA  MAHA MAHARASHTRA  MAHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		SCT	SCATTERED (25 TO 50%)
CLOUDS TOP TEMPERATURE  WK CONVIN  CONVECTION  WEAK CONVECTION  (CTT GREATER THAN -25°C)  MOD CONVIN  MOD CONVIN  MODERATE CONVECTION  (CTT BETWEEN -25°C TO -40°C)  INT CONVIN  INTENSE CONVECTION  (CTT BETWEEN -25°C TO -40°C)  VINT CONVIN  WERY INTENSE CONVECTION  (CTT BESTEEN -42°C TO -70°C)  VINT CONVIN  METEOROLOGICAL SUB-  DIVISIONS, STATES &  UNION TERITORIES  ARUPR  ARUNACHAL PRADESH  COTL AP  COASTAL ANDHRA PRADESH  COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COASTAL KARNATAKA  COTL ORS  COASTAL ORISSA  GUI  GUJARAT  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  DELHI  HP  HIMACHAL PRADESH  JÄKK  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHA  MAHARASHTRA  MANI  MAHA  MAHARASHTRA  MANI  MANI  MEGHA  MEGHA  MEGHA  MEGHA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  MARATHWADA  NAGA  NAGA  NAGALAND	CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
TEMPERATURE  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 -25°C TO -40°C)  VINT CONVTN  WEAK CONVECTION  (CTT BETWEEN -25°C TO -40°C)  INT CONVTN  VERY INTENSE CONVECTION  (CTT LESS THAN -70°C)  VINT CONVTN  VERY INTENSE CONVECTION  (CTT LESS THAN -70°C)  WINT CONVTN  VERY INTENSE CONVECTION  (CTT LESS THAN -70°C)  ARUPR  ARUNACHAL PRADESH  BHR  CHTGH  CHTGH  CHHATTISGARH  COTL AP  COASTAL ANDHRA PRADESH  COTL AP  COASTAL ANDHRA PRADESH  COTL AP  COASTAL ANDHRA PRADESH  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  HP  HIMACHAL PRADESH  J&K  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  MMAHA  MAHA  MAHARASHTRA  MANI  MAHA  MAHARASHTRA  MANI  MEGHA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  MARATHWADA  NAGA  NAGALAND		SLD	SOLID (GREATER THAN 75%)
CONVECTION    CONVECTION   CONV		CTT	CLOUD TOP TEMPERATURE
MOD CONVECTION    MOD CONVECTION   MODERATE CONVECTION     (CTT BETWEEN -25°C TO -40°C)     INT CONVIN   INTENSE CONVECTION     (CTT BETWEEN -41°C TO -70°C)     V INT CONVIN   VERY INTENSE CONVECTION     (CTT LESS THAN -70°C)     METEOROLOGICAL SUB-   DIVISIONS, STATES &     UNION TERITORIES      BHR		WK CONVTN	WEAK CONVECTION
MOD CONVIN (CIT BETWEEN 25°C TO 40°C)  INT CONVIN (INTENSE CONVECTION (CIT BETWEEN 41°C TO -70°C)  V INT CONVIN (CIT BETWEEN -13°C TO -10°C)  VINTENSE CONVECTION  (CIT BETWEEN -13°C TO -10°C)  VEX INTENSE CONVECTION  (CIT BETWEEN -13°C TO -10°C)  VEX INTENSE CONVECTION  (CIT BETWEEN -13°C TO -10°C)  ARUP  ARUNACHAP  BHA  BHA  BHA  BHA  CHT  COTA  ARUPA  ARUNACHAP  FABOR  GOT  GOT  FABOR  GOT  FABOR  GOT  FABOR  GOT  FABOR  F	CONVECTION		,
INT CONVIN INTENSE CONVECTION (CETT BETWEEN 419°C TO -719°C) V INT CONVIN VERY INTENSE CONVECTION (CETT BEST END -719°C)  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  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 MAHARASHTRA  MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND	CONVECTION	MOD CONVTN	
CCTT BETWEEN -41°C TO -70°C)   V INT CONVTN   VERY INTENSE CONVECTION		INT CONVEN	
WETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  ARUPR  ARUACHAL PRADESH  BHR  BHR  CHTGH  COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COSTAL KARNATAKA  COTL ORS  GUJ  GUJARAT  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  HP  HIMACHAL PRADESH  JÆK  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHA  MAHARASHTRA  MANI  MANI  MEGHA  MIZO  MIZORAM  MP  MAGALAND  NAGA  NAGALAND		INI CONVIN	
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES		V INT CONVTN	,
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  ARUPR  ARUNACHAL PRADESH  BHR  BHR  BHRA  CHTGH  CHHATTISGARH  COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COASTAL CRISSA  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  MAHARASHTRA  MANI  MANI  MANI  MEGHA  MEGHA  MIZO  MIZORAM  MP  MAGA  NAGA  NAGALAND		V IIVI CONVIN	
UNION TERITORIES    BHR		ARUPR	,
COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COASTAL KARNATAKA  COTL ORS  COASTAL ORISSA  GUJ  GUJARAT  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  HP  HIMACHAL PRADESH  J&K  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHA  MAHARASHTRA  MAHA  MANI  MANI  MANI  MANIPUR  MEGHA  MIZO  MIZORAM  MP  MACHALAND  MARATHWADA  NAGA  NAGALAND		BHR	BIHAR
COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MAHA MANI MANIUR MEGHA MEGHALAYA MIZO MIZORAM MP MACHAL PRADESH MARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MANI MANIUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND		СНТСН	CHHATTISGARH
COTL ORS  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  MAHA  MAHARASHTRA  MANI  MANI  MANI  MEGHA  MEGHA  MIZO  MIZORAM  MP  MARATHWADA  NAGA  NAGA  NAGALAND		COTL AP	COASTAL ANDHRA PRADESH
GUJ GWB GANGETIC WEST BENGAL HARY 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 MANI MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MAGA NAGA NAGALAND		COTL KRNTK	COASTAL KARNATAKA
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		COTL ORS	COASTAL ORISSA
HARY DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MANI MANI MANIPUR MEGHA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MAGALAND		GUJ	GUJARAT
DLH 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		GWB	GANGETIC WEST BENGAL
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		HARY	HARYANA
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		DLH	DELHI
JHRKND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHA  MADHYA MAHARASHTRA  MANI  MANI  MEGHA  MEGHA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  MAGA  NAGA  NAGALAND		HP	HIMACHAL PRADESH
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		J&K	JAMMU AND KASHMIR
KKN KONKAN  LKSDP LAKSHADWEEP  M MAHA MADHYA MAHARASHTRA  MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		JHRKND	JHARKHAND
LKSDP LAKSHADWEEP  M MAHA MADHYA MAHARASHTRA  MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		KER	KERALA
M MAHA MADHYA MAHARASHTRA  MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		KKN	KONKAN
MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		LKSDP	LAKSHADWEEP
MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		M MAHA	MADHYA MAHARASHTRA
MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND		МАНА	MAHARASHTRA
MIZO MIZORAM  MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		MANI	MANIPUR
MP MADHYA PRADESH  MRTHWD MARATHWADA  NAGA NAGALAND		MEGHA	MEGHALAYA
MRTHWD MARATHWADA  NAGA NAGALAND		MIZO	MIZORAM
NAGA NAGALAND		MP	
		MRTHWD	MARATHWADA
N COTI AD NODTH COASTAL ANDIDA DDADESH		NAGA	NAGALAND
IN CUIL AF NUKIN CUASIAL ANDHKA PKADESH		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