

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

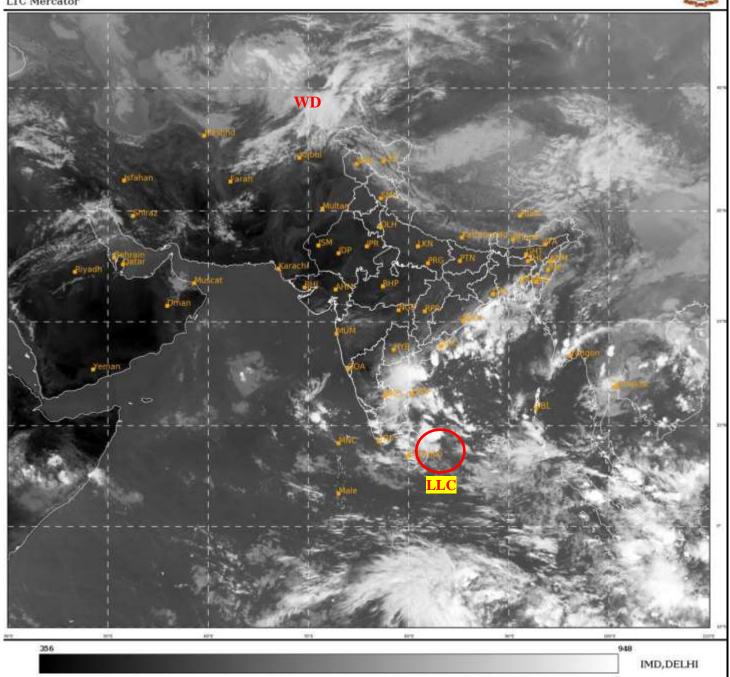


SATELLITE BULLETIN BASED ON SATELLITE **IMAGERIES AND PRODUCTS** 28.10.2021 TIME 0900 UTC

SAT: INSAT-3D IMG IMG_TIR1 10.8 um L1C Mercator

28-10-2021/(0900 to 0926) GMT 28-10-2021/(1430 to 1456) IST





TCIN50 DEMS 280900 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 280900 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

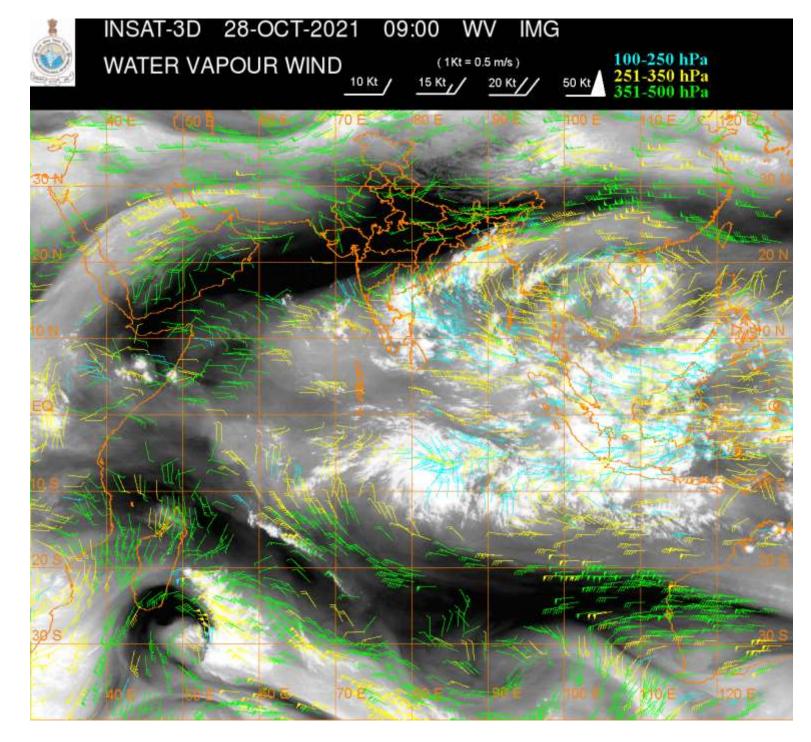
SALIENT FEATURES:-

LLC OVER SW BAY OFF EAST SRI LANKA COAST & N/HOOD:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY OFF E SRI LANKA COAST AND N/HOOD IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (.) MINIMUM CTT MINUS 85 DEG C (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N AFGAN EXT N PAK AND OVER AREA BET LAT 37.0N TO 45.0N LONG 60.0E TO 80.0E 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 (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE ORS COTL GWB S BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S GWB SKM NE STATES (.) SCT LOW/MED CLOUDS OVER JHRKND CHTGH REST ORS N GWB SHWB (.)

WEST:-

SCT LOW/MED CLOUDS OVER GUJ MAHA (.)

SOUTH:-

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

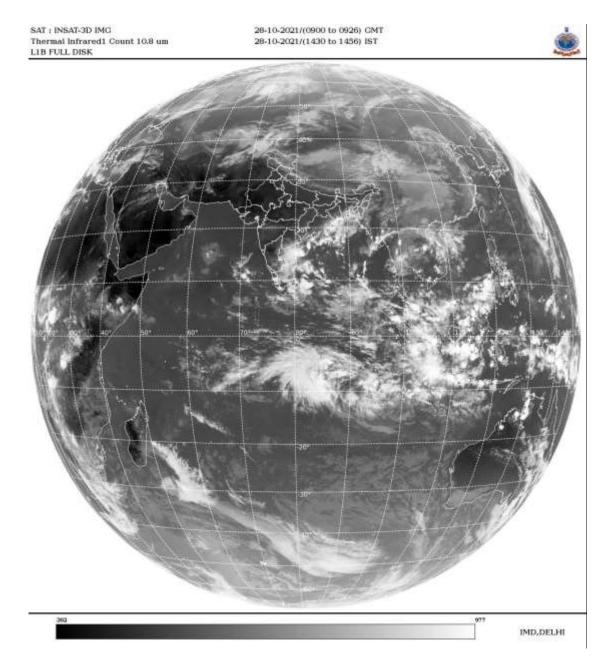
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WEST BAY AND MOD TO INT CONVTN OVER E BAY & SOUTH ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR PALK STR E TIBET CHINA S MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAY PENINSULA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT EQ TO 13.0S LONG 70.0E TO 110.0E (.)

TOO 28/1540EF=

NNNN

LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	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

SCT SCATTERED (25 TO 50%)		ISOL	ISOLATED (LESS THAN 25%)
CLOUD DISTRIBUTION			
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 BETWERN -25°C TO -40°C) INT CONVTN (CTT BETWERN -25°C TO -40°C) INT CONVTN (CTT BETWERN -25°C TO -40°C) INT CONVTN (CTT BETWERN -25°C TO -70°C) VINT CONVTN (CTT LESS THAN -70°C) 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 JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP MAHA MAHARASHTRA MAHA MAHARASHTRA MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND	CLOUD DISTRIBUTION		
CLOUDS TOP TEMPERATURE WK CONVECTION WEAK CONVECTION (WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVIN MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C) INT CONVIN INTENSE CONVECTION (CTT BETWEEN -25°C TO -40°C) WINT CONVIN WEAK CONVECTION (CTT BETWEEN -41°C TO -70°C) WINT CONVIN WINTENSE CONVECTION (CTT LESS THAN -70°C) WINT CONVIN WEAK INTENSE CONVECTION (CTT LESS THAN -70°C) WINT CONVIN WEAK INTENSE CONVECTION (CTT LESS THAN -70°C) ARUPR ARUNACHAL PRADESH BHR BHR BHR CHIGH COHLATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH 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 MAHA MAHARASHTRA MANI MANI MEGHA MANI MEGHA MEGHA MEGHA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND			, ,
TEMPERATURE	CLOUDS TOP		
(CTT GREATER THAN - 25°C)			CLOUD TOT TENT ENATURE
MOD CONVEN 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 BETWEEN - 41°C TO -70°C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUBDIVISIONS, 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		WK CONVTN	
INT CONVTN	CONVECTION	MOD CONVTN	*
WETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES ARUPR ARUNACHAL PRADESH BHR BHAR CHTGH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH 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 MAHARASHTRA MAHA MAHARASHTRA MANI MANI MEGHA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND			(CTT BETWEEN -25°C TO -40°C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES BHR BHR BIHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH 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 MANI MANI MEGHA MEGHA MEGHA NAGA NAGALAND		INT CONVIN	
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES BHR BHR BIHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK 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 MANI MANI MEGHA MIZO MIZORAM MP MACHAL PRADESH BHR BIHAR CHTGH CHHATTISGARH COASTAL ANDHRA PRADESH COASTAL ARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGA NAGALAND		V INT CONVTN	
UNION TERITORIES 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		ARUPR	
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 MAHA MAHARASHTRA MANI MANI MANI MANI MEGHA MEGHALAYA MIZO MIZORAM MP MAGA NAGA NAGA NAGALAND		BHR	BIHAR
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		CHTGH	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 MAHA MANI MANI MEGHA MEGHALAYA MIZO MIZORAM MP MARATHWADA NAGA NAGA NAGALAND		COTL AP	COASTAL ANDHRA PRADESH
GUJ 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 MAHAA MAHARASHTRA MANI MANI MANIPUR MEGHA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MAGALAND		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 MAHAA 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 MAHAMA MAHARASHTRA MANI MANI MEGHA MEGHA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MAGA 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 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		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 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	MADHYA PRADESH
		MRTHWD	MARATHWADA
N COTL AP NORTH COASTAL ANDHRA PRADESH		NAGA	NAGALAND
		N COTL AP	NORTH COASTAL ANDHRA PRADESH
NIK NORTH INTERIOR KARNATAKA		NIK	NORTH INTERIOR KARNATAKA
ORS ORISSA		ORS	ORISSA
PJB PUNJAB		РЈВ	PUNJAB
RAJ RAJASTHAN		RAJ	RAJASTHAN
RYLSM RAYALASEEMA		RYLSM	RAYALASEEMA
SAU & KUTCH SAURASHTRA & KUTCH		SAU & KUTCH	SAURASHTRA & KUTCH
SHWB SUB-HIMALAYAN WEST BENGAL		SHWB	SUB-HIMALAYAN WEST BENGAL
SIK SOUTH INTERIOR KARNATAKA		SIK	SOUTH INTERIOR KARNATAKA
SKM SIKKIM		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