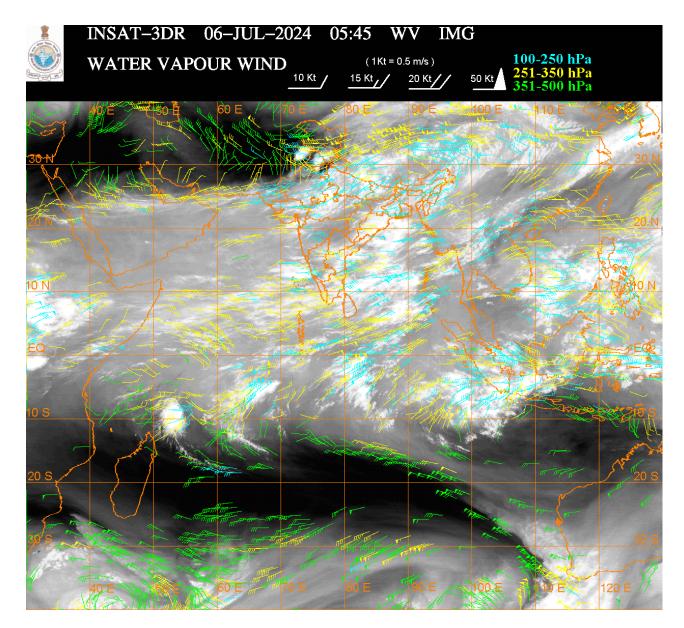


TCIN50 DEMS 060600 SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 060545 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER PJB S HP W MP UP N BHR N SHWB S COTL GWB COTL ORS COTL AP N KKN SE GUJ COTL KRNTK (MINIMUM CTT MINUS 65-93 DEG CEL) (.)



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

### NORTH:-

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

#### EAST:-

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

#### WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NW MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER RAJ REST MP GUJ N KKN AND WK TO MOD CONVTN OVER REST MAHA & GOA (.)

#### SOUTH:-

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

### ARABIAN SEA:-

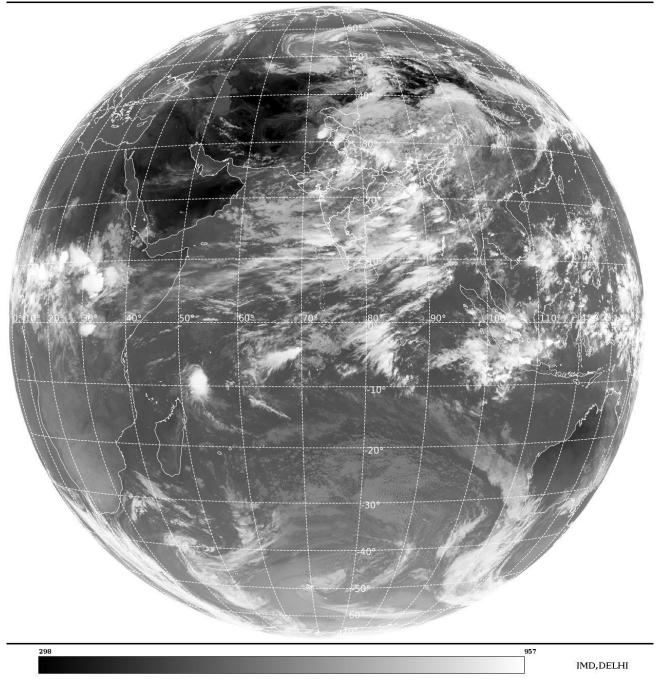
SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E ARSEA GULF OF CAMBAY LKSDP ILS AREA & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST ARSEA (.)

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

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

# **CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SAT : INSAT-3DR IMG Thermal Infrared1 Count 10.8 um L1B FULL DISK 06-07-2024/(0545 to 0612) GMT 06-07-2024/(1115 to 1142) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES N PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 50.0E TO 110.0E (.)

TOO 06/1210 HRS IST=

NNNN

#### LEGEND:-

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	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

SCTSCATTERED (25 TO 50%)ELOUD DISTRIBUTIONBKNBROKEN (51 TO 75%)SLDSOLID (GREATER THAN 75%)CLOUDS TOPCTTCLOUD TOP TEMPERATURETEMPERATUREWK CONVTNWEAK CONVECTION (CTT BRATER THAN -25/C)MOD CONVTNMODECATE CONVECTION (CTT BEST TEWEEN-25/C TO -40/C)NTENSE CONVECTION (CTT IDEST TEWEEN-25/C TO -40/C)NTETOROLOGICAL SUBJUNSIONS, STATES & UNION TERITORIESARUPRARUPRARUNACHAL PRADESHCOTL APCOASTAL ANDHRA PRADESHGUJGUJARATGWBGANGETIC WEST BENGALHARYHARVANADLHDELHIHPHIMACHAL PRADESHJIKKJAMMU AND KASHMIRJIIRKNDJHARKHANDKERKERALAKKNKONKANLKSDPLAKSHADWEEPMAHAMAHRASHTRAMAHAMAHRASHTRAMAHAMADHYA MABASHTRAMRTHWDMARATHWADANAGANAGALANDNIKNORTH INTERIOR KARNATAKASIKORTIL ANDIRARAJRAJASTHANRASI KAJASHANRASASHANSIKSUCH INTERIOR KARNATAKASIKSUCH INTERIOR KARNATAKASIKSUCH INTERIOR KARNATAKA		ISOL	ISOLATED (LESS THAN 25%)
SLDSOLID (GREATER THAN 75%)CLOUDS TOP TEMPERATURECTTCLOUD TOP TEMPERATURECONVECTION CONVECTION CONVECTIONWK CONVIN (CTT GREATER THAN -25°C) (MOD CONVIN) MODE CONVENT CONVECTION (CTT BETWEEN -25°C) (CTT BETWEEN -25°C) (CTT BETWEEN -25°C) (CTT BETWEEN -25°C) (CTT DETWEEN -25°C) (CTT DETWEEN -25°C) (CTT DETWEEN -25°C) (CTT DETWEEN -25°C) (CTT LESS THAN -70°C) VINT CONVIN (CTT LESS THAN -70°C) (CTT LESS THAN -70°C) VINT CONVIN (CTT LESS THAN -70°C) (CTT RETURNES)GLB OUTSIONS, STATES & UNION TERITORIESBHR BHAR COTL ARNTK (COTL ARNTK COASTAL ANDHRA PRADESH HARA	CLOUD DISTRIBUTION	SCT	SCATTERED (25 TO 50%)
CLOUDS TOP TEMPERATURE CTT CLOUD TOP TEMPERATURE CTT CLOUDS TOP TEMPERATURE CTT CLOUD TOP TEMPERATURE CTT CLOUD TOP TEMPERATURE WK CONVEN WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVEN MODERATE CONVECTION (CTT GREATER THAN -25°C) MOD CONVEN INTENSE CONVECTION (CTT BETWEEN -35°C TO -40°C) VINT CONVEN INTENSE CONVECTION (CTT GREATER THAN -25°C) VINT CONVEN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) WETEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES CHTCH CHURAR ARUNACHAL PRADESH COTL ARUNE COASTAL ARDHRA PRADESH COTL ARITIS COASTAL ARUNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELH HP HIMACHAL PRADESH I&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHARASHTRA MANI MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH NK NORTH INTERIOR KARNATAKA ORS ORISSA FIB FIB FUNAB RAJ RAJASHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		BKN	BROKEN (51 TO 75%)
TEMPERATURE WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25]C) WK CONVTN WEAK CONVECTION (CTT GREATER THAN -25]C) WT CONVTN WOD CONVTN WODERATE CONVECTION (CTT BETWEEN +25]CT 10-40C) INT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) VINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) WIT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -20]C) (CTT LES		SLD	SOLID (GREATER THAN 75%)
WK CONVTN CONVECTIONWK CONVTN (CTT GREATER THAN -25°C) (CTT GREATER THAN -25°C) 	CLOUDS TOP	СТТ	CLOUD TOP TEMPERATURE
CONVECTION MOD CONVTN MODERATE CONVECTION (CT BETWEEN-25□C TO -40□C) INT CONVTN NTERNSE CONVECTION (CT BETWEEN-41□C TO -70□C) VINT CONVTN VERY INTENSE CONVECTION (CT LESS TIALN -70□C) METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES ARUPA ARUNACHAL PRADESH COTL AP COASTAL AARNATAKA COTL AP COASTAL CARNATAKA COTL ORS COASTAL CARNATAKA COTL AP HIMACHAL PRADESH ISK KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHAMAHARASHTRA MAHA MAHAMAHARASHTRA MAHA MAHAMAHARASHTRA MAHA MAHAMAHARASHTRA MAHA NAHAMATIWADA NAGA NAGA NAGALAND NCOTL AP NORTH COASTAL ANDHRA PRADESH MRTHWD MACHALYA NAGA NAGA NAGALAND NCOTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS PIB PUNJAB RAJ RAJASHIAN KER KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA	TEMPERATURE		
INDUCONTING       CUT BETWEEN -23 IC TO -40 ICC)         INT CONVING       INTERNSE CONVECTION (CTT BETWEEN -41 IC TO -70 ICC)         VINT CONVING       VERY INTERNSE CONVECTION (CTT BETWEEN -41 IC TO -70 ICC)         METEOROLOGICAL       ARUPR         SUB-DIVISIONS, STATES & UNION TERITORIES       BHR         BHR       BHRAR         COTL AP       COASTAL ANDHRA PRADESH         COTL AP       COASTAL ARNATAKA         COTL ORS       COASTAL ORISSA         GUJ       GUJARAT         GWB       GANGETIC WEST BENGAL         HARY       HARYANA         DLH       DELHI         HP       HIMACHAL PRADESH         J#K       JAMMU AND KASHMIR         J#RKND       JHARKHAND         KER       KERALA         KKN       KONKAN         LKSDP       LAKSHADWEEP         MAHA       MAHARASHTRA         MAHA       MARASHTRA         MAHA       MARASHTRA         MARA	CONVECTION		(CTT GREATER THAN −25 □ C)
INT CONVTN INTENSE CONVECTION CIT BETWEEN 41DC TO -70°C) V INT CONVTN VERY INTENSE CONVECTION (CIT LESS THAN -70°C) ARUPR ARUNACHAL PRADESH BHR BIHAR STATES & UNION TERITORIES BHR CHTC CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL KRNTK 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 MADHYA MAHARASHTRA MANI MAHARASHTRA MANI MAHARASHTRA MANA MANA 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		MOD CONVTN	
V INT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN-70_C) METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES HIR BHR BHR BHR BHR BHR BHRA CHTGH CHTAT COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL GRS COASTAL ORSSA GUJ GUJ GUJARAT 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 MAHA MAHA MAHA MAHAA MAHAA MAHAAASHTRA MANI MANI MANI MANI MANI MANI MANI MANI MACAALARASHTRA MANA MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGA NAGA NAGALAND N COTL AP NORTH INTERIOR KARNATAKA CORS ORISSA PJB FUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA		INT CONVTN	INTENSE CONVECTION
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES ARUPR ARUNACHAL PRADESH BHR BHAR CHTCH 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 MADHYA MAHARASHTRA MANI MANIPUR MEGHA MECHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL SIK SOUTH INTERIOR KARNATAKA		V INT CONVTN	
SUB- DIVISIONS, STATES & UNION TERITORIES BHR BHR BHR BHR BHAR CHTGH CHTGH CHTGH CHTGH CHTAGH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ANDHRA PRADESH COTL KRNTK COASTAL ORISSA GUJ GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHA MAHARASHTRA MAN MAHA MAHARASHTRA MAN MAN MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGA NAGA NAGALAND NAGA NAGALAND NAGA NAGALAND NAGA NAGA NAGA NAGALAND NAGA NAGA NAGALAND NAGA NAGA CORS ORISSA PJB PUNJAB RAJ RAJASTHAN RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL	ΜΕΤΕΩΡΟΙ ΟCΙCAΙ	ARUPR	
STATES & UNION TERITORIES 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 MAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MIZO MIZORAM MP MADHYA PRADESH NIK NORTH COASTAL ANDHRA NAGA NAGALAND N COTL AP NORTH COASTAL ANDHRA NIK NORTH INTERIOR KARNATAKA		_	
TERTIORIES       COTL AP       COASTAL ANDHRA PRADESH         COTL KRNTK       COASTAL ARNATAKA         COTL ORS       COASTAL ARNATAKA         CUJ       GUJ       GUJARAT         GWB       GANGETIC WEST BENGAL         HARY       HARYANA         DLH       DEHI         HP       HIMACHAL PRADESH         J&K       JAMMU AND KASHMIR         JHRKND       JHARKHAND         KER       KERALA         KKN       KONKAN         LKSDP       LAKSHADWEEP         M MAHA       MAHARASHTRA         MAHA       MAHARASHTRA         MAIN       MAINIPUR         MEGHA       MEGHALAYA         MIZO       MIZORAM         MP       MADHYA PRADESH         NK       NORTH COASTAL ANDHRA         NAGA       NAGALAND         NCOTL AP       NORTH COASTAL ANDHRA         NIK       NORTH INTERIOR KARNATAKA         ORS       ORISSA         PJB       PUNJAB         RAJ       RAJASTHAN         RYLSM       RAYALASEEMA         SAU & KUTCH       SAURASHTRA & KUTCH         SHWB       SUB-HIMALAYAN WEST BENGAL <td></td> <td></td> <td></td>			
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 MAHA 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	TERITORIES		
COTL ORS COASTAL ORISSA GUJ GUJ GUJ GUJ GUJ GUJ GUJ GUJ			
GUJGUJARATGWBGANGETIC WEST BENGALHARYHARYANADLHDELHIHPHIMACHAL PRADESHJ&KJAMMU AND KASHMIRJHRKNDJHARKHANDKERKERALAKKNKONKANLKSDPLAKSHADWEEPM MAHAMAHAASHTRAMAHAMAHARASHTRAMANIMAIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA			
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 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		GUJ	GUJARAT
DIALDELINITDLHDELHIHPHIMACHAL PRADESHJ&KJAMMU AND KASHMIRJHRKNDJHARKHANDKERKERALAKKNKONKANLKSDPLAKSHADWEEPM MAHAMAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		GWB	GANGETIC WEST BENGAL
HPHIMACHAL PRADESHJ&KJAMMU AND KASHMIRJHRKNDJHARKHANDKERKERALAKKNKONKANLKSDPLAKSHADWEEPM MAHAMADHYA MAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAU & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		HARY	HARYANA
J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA 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		DLH	DELHI
JHRKNDJHARKHANDKERKERALAKKNKONKANLKSDPLAKSHADWEEPM MAHAMADHYA MAHARASHTRAMAHAMAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		НР	HIMACHAL PRADESH
KERKERALAKKNKONKANLKSDPLAKSHADWEEPM MAHAMAHAAMAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		J&K	JAMMU AND KASHMIR
KKNKONKANLKSDPLAKSHADWEEPM MAHAMADHYA MAHARASHTRAMAHAMAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRAPRADESHNIKNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		JHRKND	JHARKHAND
LKSDPLAKSHADWEEPM MAHAMADHYA MAHARASHTRAMAHAMAHARASHTRAMAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRAPRADESHNIKNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		KER	KERALA
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		KKN	KONKAN
MAHAMAHARASHTRAMANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		LKSDP	LAKSHADWEEP
MANIMANIPURMEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRAPRADESHNIKNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		M MAHA	MADHYA MAHARASHTRA
MEGHAMEGHALAYAMIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		МАНА	MAHARASHTRA
MIZOMIZORAMMPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		MANI	MANIPUR
MPMADHYA PRADESHMRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		MEGHA	MEGHALAYA
MRTHWDMARATHWADANAGANAGALANDN COTL APNORTH COASTAL ANDHRAPRADESHNIKNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		MIZO	
NAGANAGALANDN COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA			
N COTL APNORTH COASTAL ANDHRA PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		MRTHWD	MARATHWADA
PRADESHNIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		NAGA	NAGALAND
NIKNORTH INTERIOR KARNATAKAORSORISSAPJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		N COTL AP	
PJBPUNJABRAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		NIK	
RAJRAJASTHANRYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		ORS	ORISSA
RYLSMRAYALASEEMASAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		РЈВ	PUNJAB
SAU & KUTCHSAURASHTRA & KUTCHSHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		RAJ	RAJASTHAN
SHWBSUB-HIMALAYAN WEST BENGALSIKSOUTH INTERIOR KARNATAKA		RYLSM	RAYALASEEMA
SIK SOUTH INTERIOR KARNATAKA		SAU & KUTCH	SAURASHTRA & KUTCH
		SHWB	SUB-HIMALAYAN WEST BENGAL
SKM STRKIM		SIK	SOUTH INTERIOR KARNATAKA
		SKM	SIKKIM

I	TLNGN	TELANGANA
	ILNGN	IELANGANA
	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