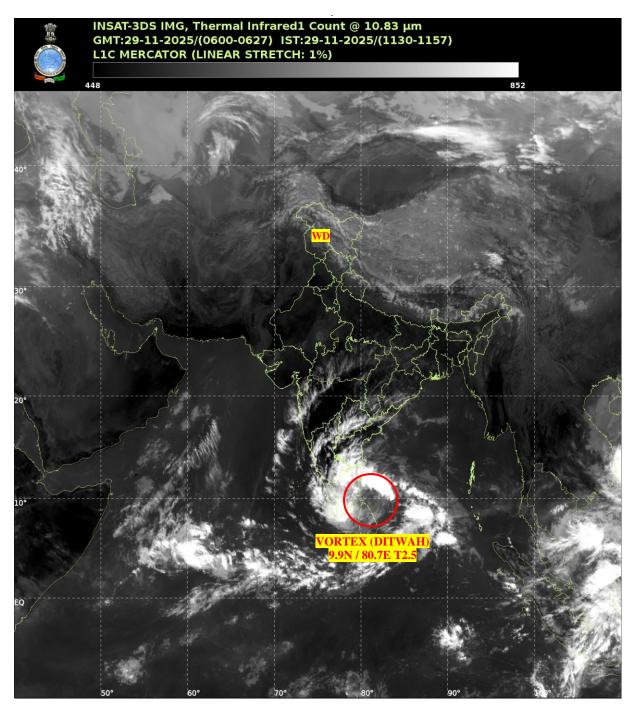


भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 29.11.2025 TIME 0600 UTC



TCIN50 DEMS 290600 SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 290600 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX (DITWAH) OVER SOUTH-WEST BAY ADJOINING NORTH SRI LANKA & N/HOOD:-

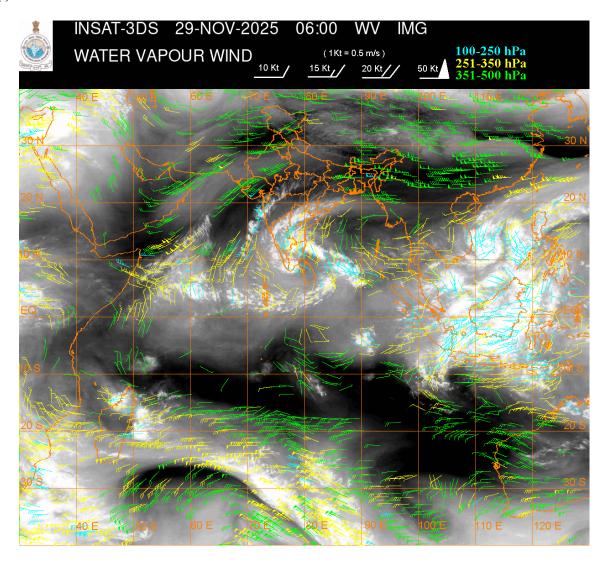
VORTEX (DITWAH) OVER SOUTH-WEST BAY ADJOINING NORTH SRI LANKA & N/HOOD CENTERED NEAR 9.9N / 80.7E (.) INTENSITY T2.5 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER TN SOUTH-WEST BAY PALK STR GULF OF MANNAR (MINIMUM CTT MINUS 70-90 DEG CEL) AND MOD TO INT CONVTN OVER KER RYLSM S COTL AP SRI LANKA COMORIN AREA (MINIMUM CTT MINUS 50-70 DEG CEL) (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER KRNTK SOUTH COTL AP RYLSM KER TN (MINIMUM CTT MINUS 60-80 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP N UTRKND 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 ISOL WK TO MOD CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER CHTGH ORS REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER MAHA MP S GUJ (.) ISOL LOW/MED CLOUDS OVER E RAJ GOA (.)

SOUTH:-

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

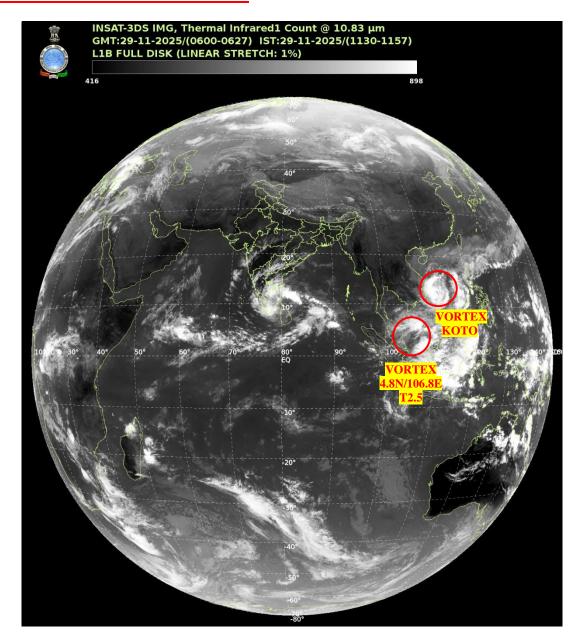
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA COMORIN & AREA MALDIVES AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CENTRAL ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE BAY AND ISOL WK TO MOD CONVTN OVER CENTRAL BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (REMNANT OF SENYAR) OVER NW EQUATORIAL PACIFIC OCEAN ADJ SOUTH CHINA SEA CENTERED NEAR 4.8N/106.8E (.) INTENSITY T2.5 (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER MALAY PENINSULA NW EQUATORIAL PACIFIC OCEAN SOUTH CHINA SEA (MINIMUM CTT MINUS 70-90 DEG CEL) (.)

VORTEX (KOTO) OVER SOUTH CHINA SEA & N/HOOD (AREA F05) CENTERED NEAR 13.3N / 112.0E (.) INTENSITY T3.0/3.0 (.) MAXIMUM SUSTAINED WINDS 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0N TO 16.0N LONG 109.0E TO 118.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA EAST CHINA SEA TAIWAN THAILAND GULF OF THAILAND CAMBODIA LAOS 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 10.0S LONG 50.0E TO 110.0E AND BET LAT 15.0S TO 35.0S LONG 50.0E TO 85.0E (.)

TOO 29/1310 HRS IST=

NNNN

| REGION EAST BHR JHRKND CHTGH ORS WB SKM NORTH-EAST STATES WEST RAJ MP GUJ MAHA GOA SOUTH TLNGN AP KRNTK KER TN LKSDI ANDAMAN & NICOBAR ILS ISOL ISOLATED (LESS THAN 25%) SCT SCATTERED (25 TO 50%) BKN BROKEN (51 TO 75%) SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVIN (CTT GREATER THAN -25°C) MOD CONVIN (CTT BETWEEN -25°C TO -40°C) INT CONVIN (CTT BETWEEN -25°C TO -40°C) INT CONVIN (CTT BETWEEN -25°C TO -40°C) VINT CONVIN (CTT BETWEEN -10°C TO -70°C) VINT CONVIN (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES METEOROLOGICAL SUB- DIVISIONS THE METEOROLOGICAL SUB- | | | |
|--|--------------------|--------------|-------------------------------|
| BHR JHIKKND CHIGH ORS WB SKM NORTH-EAST STATES WEST RAJ MP GUJ MAHA GOA SOUTH TLNGN AP KRNTK KER TN LKSDE ANDAMAN & NICOBAR ILS ISOL ISOLATED (LESS THAN 25%) SCT SCATTERED (25 TO 50%) BKN BROKEN (51 TO 75%) SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION (CTT BETWEEN -25°C TO -40°C) INT CONVIN INTENSE CONVECTION (CTT BETWEEN -25°C TO -40°C) VINT CONVTN WEAK CONVECTION (CTT BETWEEN -41°C TO -70°C) WETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES METEOROLOGICAL SUB- DIVISIONS STATES & UNION TERITORIES DIVISIONS TAMBUR AND HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | NORTH | J&K HP UTRKND PJB HARY DLH UF |
| SOUTH TLNGN AP KRNTK KER TN LKSDIANDAMAN & NICOBAR ILS ISOL ISOLATED (LESS THAN 25%) SCT SCATTERED (25 TO 50%) BKN BROKEN (51 TO 75%) SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVTN (CTT GREATER THAN -25°C) MOD CONVTN (CTT BETWEEN -25°C TO -40°C) INT CONVTN (CTT BETWEEN -41°C TO -70°C) VINT CONVTN VERY INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C) VINT CONVTN WEAK CONVECTION (CTT BETWEEN -41°C TO -70°C) VINT CONVTN (CTT BETWEEN -41°C TO -70°C) VINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTRKND UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | REGION | EAST | |
| ANDAMAN & NICOBAR ILS | | WEST | RAJ MP GUJ MAHA GOA |
| ISOL | | SOUTH | TLNGN AP KRNTK KER TN LKSDP |
| CLOUD DISTRIBUTION BKN BROKEN (51 TO 75%) SLD SOLID (GREATER THAN 75%) CLOUDS TOP TEMPERATURE WK CONVTN CLOUD TOP 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 -41°C TO -70°C) VINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | ISOL | |
| CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION 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) VINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | SCT | SCATTERED (25 TO 50%) |
| CLOUDS TOP TEMPERATURE WK CONVTN WEAK CONVECTION 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) VINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | CLOUD DISTRIBUTION | BKN | BROKEN (51 TO 75%) |
| CLOUDS TOP TEMPERATURE WK CONVTN WEAK 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 TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | CLOOP DISTRIBUTION | | ` ' |
| 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 -41°C TO -70°C) VINT CONVTN WEAK CONVECTION (CTT GREATER THAN -25°C) MOD CONVTN MODERATE CONVECTION (CTT BETWEEN -41°C TO -70°C) VINT CONVTN WEAK CONVECTION (CTT BETWEEN -41°C TO -40°C) METEOROLOGICAL SUB- HIMACHAL PRADESH UTRKND UTRKND UTRKND UTTARAKHAND PJB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | CLOUDS TOP | | CLOUD TOP TEMPERATURE |
| 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 TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | CLOCD TOT TEMPERATIONE |
| MOD CONVTN (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 TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | WK CONVTN | |
| METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES J&K JAMMU AND KASHMIR HP HIMACHAL PRADESH UTTRKND PJB PUNJAB HARY HARYANA DLH BHR BIHAR JHRKND JHARKHAND CHTGH ORS ODISHA GWB GANGETIC WEST BENGAL SUB-HIMALAYAN WEST BENGAL | CONVECTION | MOD CONVTN | |
| WETEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES Divisions | | | (CTT BETWEEN -25°C TO -40°C) |
| WINT CONVTN VERY INTENSE CONVECTION (CTT LESS THAN -70°C) METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | INT CONVTN | |
| METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | V INT CONVTN | VERY INTENSE CONVECTION |
| SUB- DIVISIONS, STATES & UNION TERITORIES HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | (CTT LESS THAN -70°C) |
| SUB- DIVISIONS, STATES & UNION TERITORIES HP HIMACHAL PRADESH UTRKND UTTARAKHAND PJB PUNJAB HARY HARYANA DLH BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | METEOROLOGICAL | J&K | JAMMU AND KASHMIR |
| TERITORIES UTRKND PJB PUNJAB HARY HARYANA DLH BHR BIHAR JHRKND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB UTTARAKHAND UTTARAKHAND CHARYANA BULH GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | HP | HIMACHAL PRADESH |
| PJB PUNJAB HARY HARYANA DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | UTRKND | UTTARAKHAND |
| HARY DLH DELHI BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| DLH BHR BIHAR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| BHR JHRKND JHARKHAND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| JHRKND CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| CHTGH CHHATTISGARH ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| ORS ODISHA GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| GWB GANGETIC WEST BENGAL SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| SHWB SUB-HIMALAYAN WEST BENGAL | | | |
| | | GWB | GANGETIC WEST BENGAL |
| SKM SIKKIM | | SHWB | SUB-HIMALAYAN WEST BENGAL |
| | | SKM | SIKKIM |
| ARUPR ARUNACHAL PRADESH | | ARUPR | ARUNACHAL PRADESH |
| ASSAM ASSAM | | ASSAM | ASSAM |
| MEGHA MEGHALAYA | | MEGHA | MEGHALAYA |
| NAGA NAGALAND | | NAGA | NAGALAND |
| MANI MANIPUR | | MANI | MANIPUR |
| MIZO MIZORAM | | MIZO | MIZORAM |
| TRP TRIPURA | | | _ |
| RAJ RAJASTHAN | | | |
| MP MADHYA PRADESH | | | |
| | | | |
| GUJ GUJARAT | | | |
| SAU & KUTCH SAURASHTRA & KUTCH | | SAU & KUTCH | SAURASHTRA & KUTCH |
| MAHA MAHARASHTRA | | | |

| | M MAHA | MADHYA MAHARASHTRA |
|---------------|------------|--------------------------|
| | MRTHWD | MARATHWADA |
| | VID | VIDARBHA |
| | KKN | KONKAN |
| | TLNGN | TELANGANA |
| | RYLSM | RAYALASEEMA |
| | COTL AP | COASTAL ANDHRA PRADESH |
| | NIK | NORTH INTERIOR KARNATAKA |
| | SIK | SOUTH INTERIOR KARNATAKA |
| | COTL KRNTK | COASTAL KARNATAKA |
| | KER | KERALA |
| | TN | TAMILNADU |
| | LKSDP | LAKSHADWEEP |
| | ILS | ISLANDS |
| | ARSEA | ARABIAN SEA |
| | | |
| MISCELLANEOUS | ASSW | IN ASSOCIATION WITH |
| | ASSTD | ASSOCIATED |
| | LLC | LOW LEVEL CIRCULATION |
| | EMBDD | EMBEDDED |
| | N/HOOD | NEIGHBOURHOOD |
| | EXT | EXTREME |
| | | |