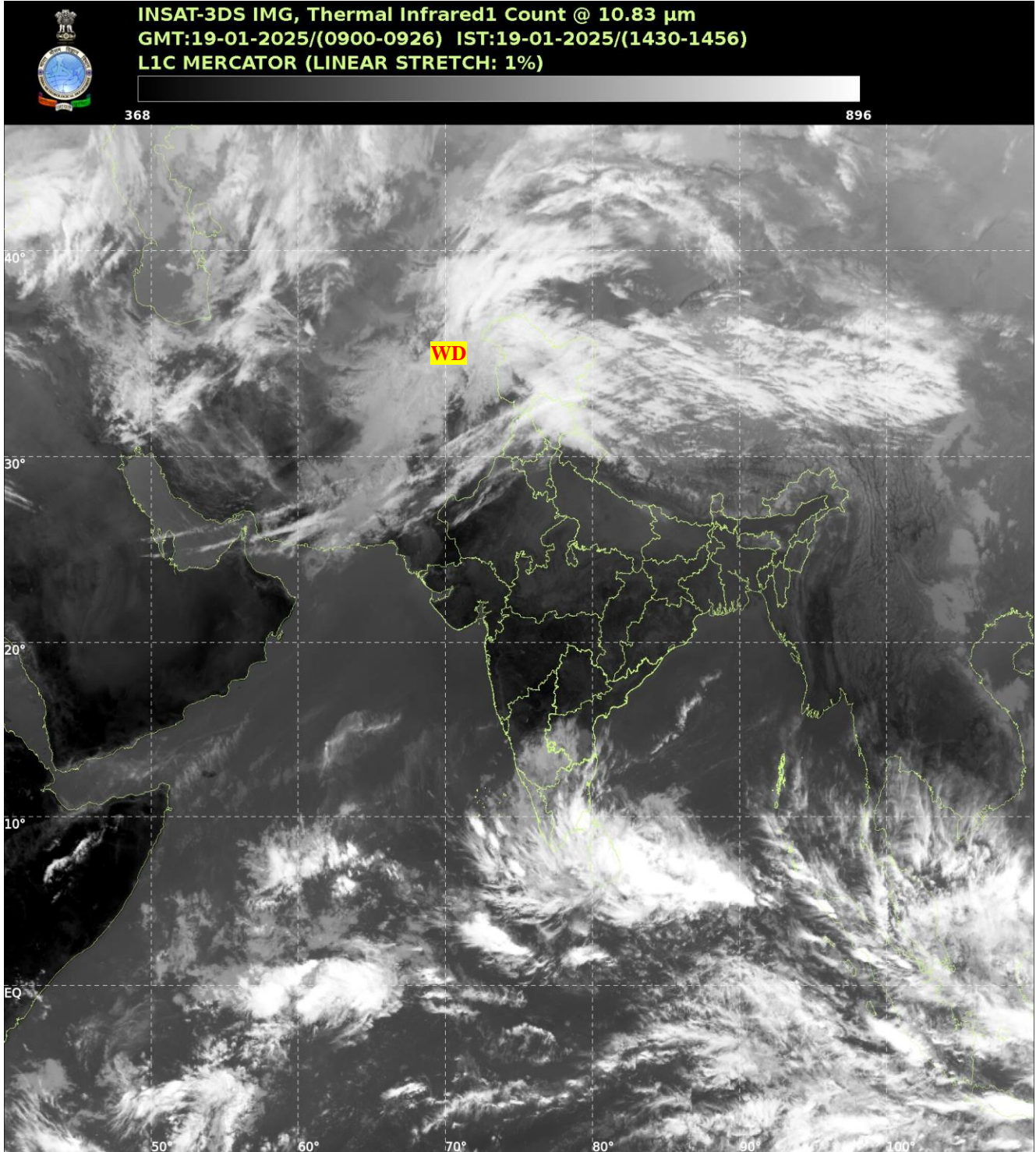




भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**19.01.2025 TIME 0900 UTC**



TCIN50 DEMS 190900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 190900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

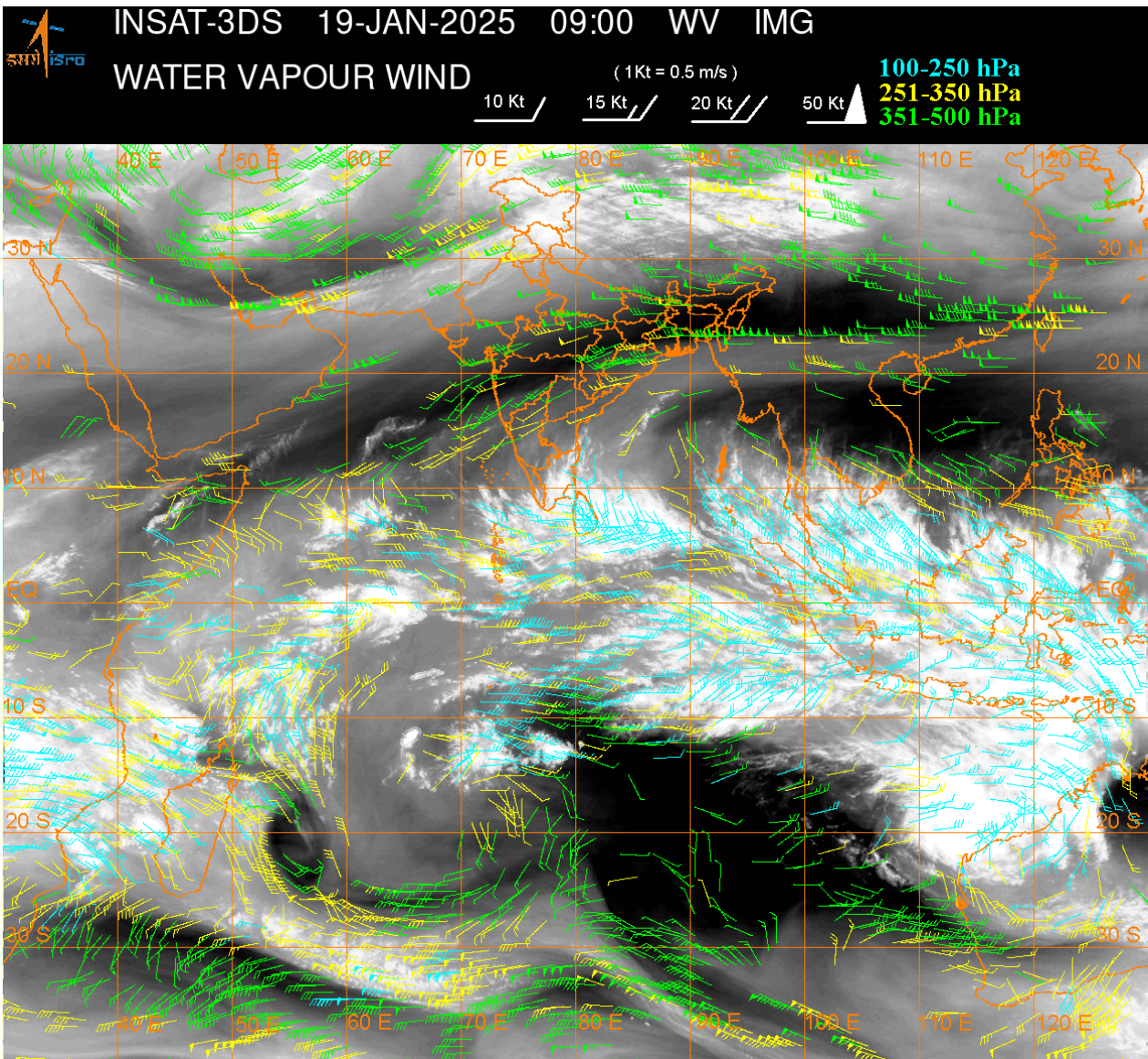
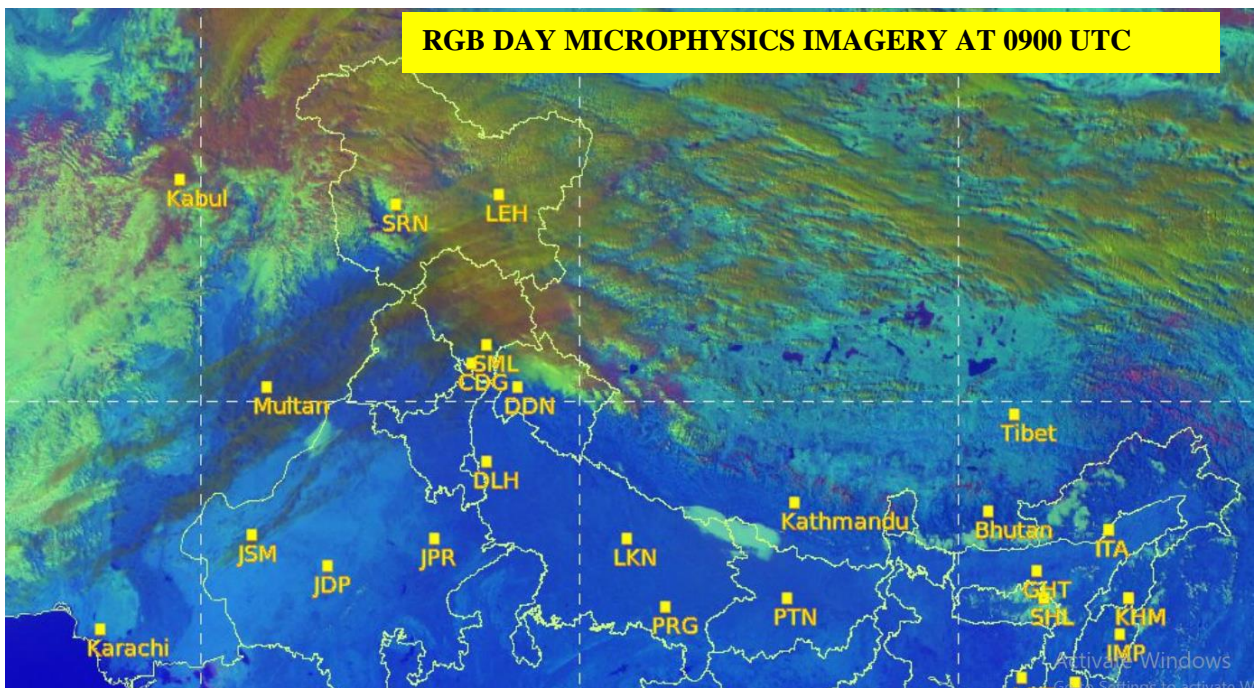
**WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER AFGAN PAK LADAKH J&K HP UTRKND PJB HARY DLH W RAJ AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

**FOG/LOW CLOUDS:-**

RGB DAY MICROPHYSICS IMAGERY OF INSAT-3DS AT 0900 UTC SHOWS FOG/LOW CLOUDS OVER EXTREME NE UP NW BHR S NEPAL (.)





**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

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

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR MEGHA (.) SCT LOW/MED CLOUDS OVER N BHR SHWB REST NE STATES (.)

**WEST:-**

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



**SOUTH:-**

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

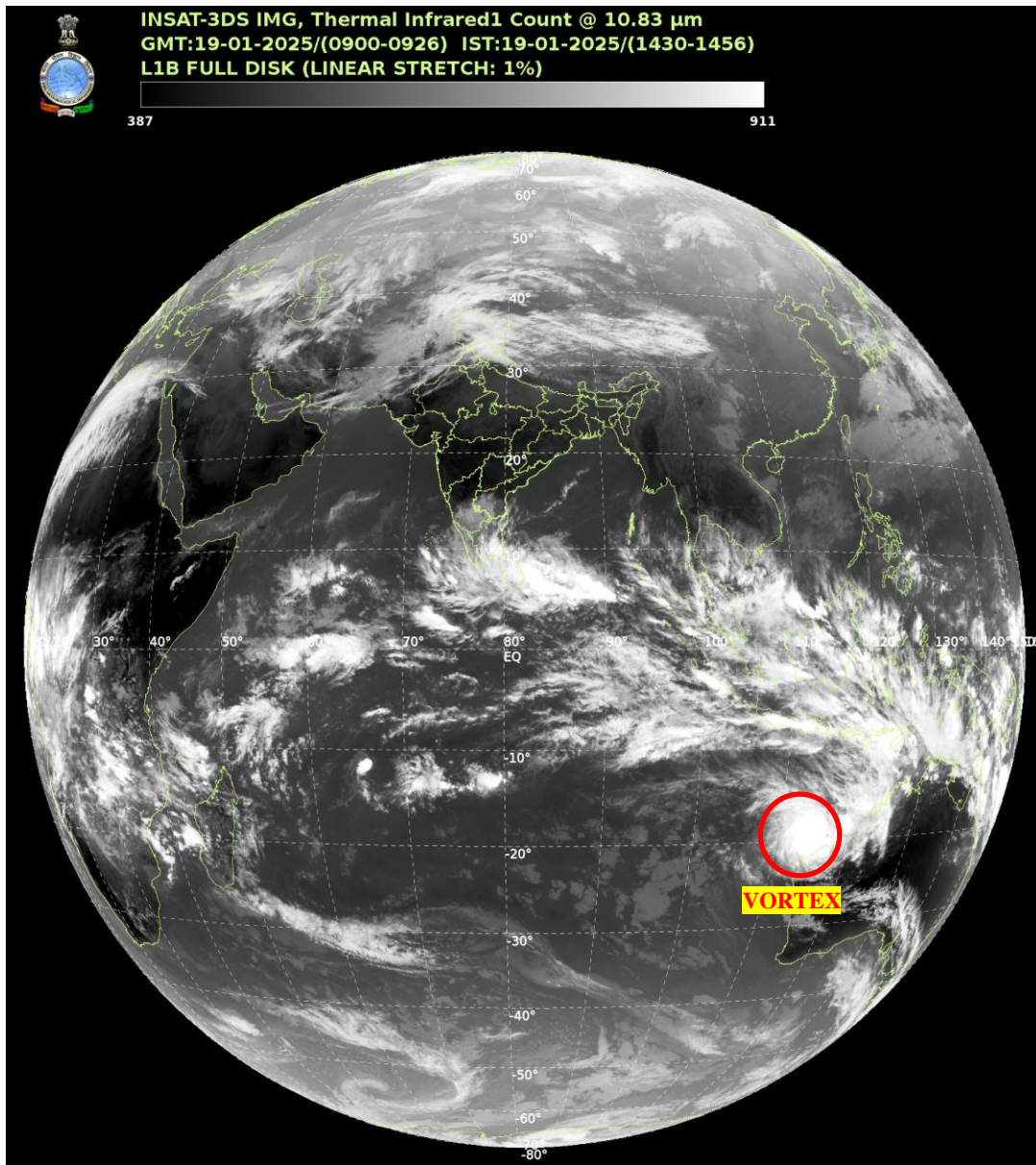
**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ARSEA LKSDP ILS MALDIVES AND COMORIN AREA (.) SCT LOW/MED CLOUDS OVER REST ARSEA (.)

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

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

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



**VORTEX (SEAN) OVER SOUTH INDIAN OCEAN:-**

VORTEX (SEAN) OVER SOUTH INDIAN OCEAN CENTERED NEAR **19.7S / 115.0E** (.) INTENSITY **T3.5/3.5** (.) MAXIMUM SUSTAINED WINDS **48-63KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 15.0S TO 24.0S LONG 109.0E TO 124.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR PAK BHUTAN TIBET CHINA YELLOW SEA 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 20.0S LONG 40.0E TO 125.0E (.)

TOO 19/1530 EF=

NNNN

**LEGEND:-**

<b>REGION</b>	<b>NORTH</b>	<b>J&amp;K HP PJB HARY DLH UP UTRKND</b>	
	<b>EAST</b>	<b>BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES</b>	
	<b>WEST</b>	<b>RAJ MP GUJ MAHA GOA</b>	
	<b>SOUTH</b>	<b>TLNGN AP KRNTK KER TN LKSDP ANDAMAN &amp; NICOBAR ILS</b>	
<b>CLOUD DISTRIBUTION</b>	<b>ISOL</b>	<b>ISOLATED (LESS THAN 25%)</b>	
	<b>SCT</b>	<b>SCATTERED (25 TO 50%)</b>	
	<b>BKN</b>	<b>BROKEN (51 TO 75%)</b>	
	<b>SLD</b>	<b>SOLID (GREATER THAN 75%)</b>	
<b>CLOUDS TOP TEMPERATURE</b>	<b>CTT</b>	<b>CLOUD TOP TEMPERATURE</b>	
<b>CONVECTION</b>	<b>WK CONV TN</b>	<b>WEAK CONVECTION (CTT GREATER THAN -25°C)</b>	
	<b>MOD CONV TN</b>	<b>MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)</b>	
	<b>INT CONV TN</b>	<b>INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)</b>	
	<b>V INT CONV TN</b>	<b>VERY INTENSE CONVECTION (CTT LESS THAN -70°C)</b>	
<b>METEOROLOGICAL SUB- DIVISIONS, STATES &amp; UNION TERRITORIES</b>	<b>ARUPR</b>	<b>ARUNACHAL PRADESH</b>	
	<b>BHR</b>	<b>BIHAR</b>	
	<b>CHTGH</b>	<b>CHHATTISGARH</b>	
	<b>COTL AP</b>	<b>COASTAL ANDHRA PRADESH</b>	
	<b>COTL KRNTK</b>	<b>COASTAL KARNATAKA</b>	
	<b>COTL ORS</b>	<b>COASTAL ORISSA</b>	
	<b>GUJ</b>	<b>GUJARAT</b>	
	<b>GWB</b>	<b>GANGETIC WEST BENGAL</b>	
	<b>HARY</b>	<b>HARYANA</b>	
	<b>DLH</b>	<b>DELHI</b>	
	<b>HP</b>	<b>HIMACHAL PRADESH</b>	
	<b>J&amp;K</b>	<b>JAMMU AND KASHMIR</b>	
	<b>JHRKND</b>	<b>JHARKHAND</b>	
	<b>KER</b>	<b>KERALA</b>	
	<b>KKN</b>	<b>KONKAN</b>	
	<b>LKSDP</b>	<b>LAKSHADWEEP</b>	
	<b>M MAHA</b>	<b>MADHYA MAHARASHTRA</b>	
	<b>MAHA</b>	<b>MAHARASHTRA</b>	
	<b>MANI</b>	<b>MANIPUR</b>	
	<b>MEGHA</b>	<b>MEGHALAYA</b>	
	<b>MIZO</b>	<b>MIZORAM</b>	
	<b>MP</b>	<b>MADHYA PRADESH</b>	
		<b>MRTHWD</b>	<b>MARATHWADA</b>
		<b>NAGA</b>	<b>NAGALAND</b>
<b>N COTL AP</b>		<b>NORTH COASTAL ANDHRA PRADESH</b>	
<b>NIK</b>		<b>NORTH INTERIOR KARNATAKA</b>	

	<b>ORS</b>	<b>ORISSA</b>
	<b>PJB</b>	<b>PUNJAB</b>
	<b>RAJ</b>	<b>RAJASTHAN</b>
	<b>RYLSM</b>	<b>RAYALASEEMA</b>
	<b>SAU &amp; KUTCH</b>	<b>SAURASHTRA &amp; KUTCH</b>
	<b>SHWB</b>	<b>SUB-HIMALAYAN WEST BENGAL</b>
	<b>SIK</b>	<b>SOUTH INTERIOR KARNATAKA</b>
	<b>SKM</b>	<b>SIKKIM</b>
	<b>TLNGN</b>	<b>TELANGANA</b>
	<b>TN</b>	<b>TAMIL NADU</b>
	<b>TRP</b>	<b>TRIPURA</b>
	<b>UP</b>	<b>UTTAR PRADESH</b>
	<b>UTRKND</b>	<b>UTTARAKHAND</b>
	<b>VID</b>	<b>VIDHARBHA</b>
	<b>SHWB</b>	<b>SUB HIMALAYAN WEST BENGAL</b>
	<b>GWB</b>	<b>GANGETIC WEST BENGAL</b>
	<b>ARSEA</b>	<b>ARABIAN SEA</b>
	<b>ILS</b>	<b>ISLANDS</b>
<b>MISCELLANEOUS</b>	<b>ASSW</b>	<b>IN ASSOCIATION WITH</b>
	<b>ASSTD</b>	<b>ASSOCIATED</b>
	<b>LLC</b>	<b>LOW LEVEL CIRCULATION</b>
	<b>EMBDD</b>	<b>EMBEDDED</b>
	<b>N/HOOD</b>	<b>NEIGHBOURHOOD</b>
	<b>EXT</b>	<b>EXTREME</b>