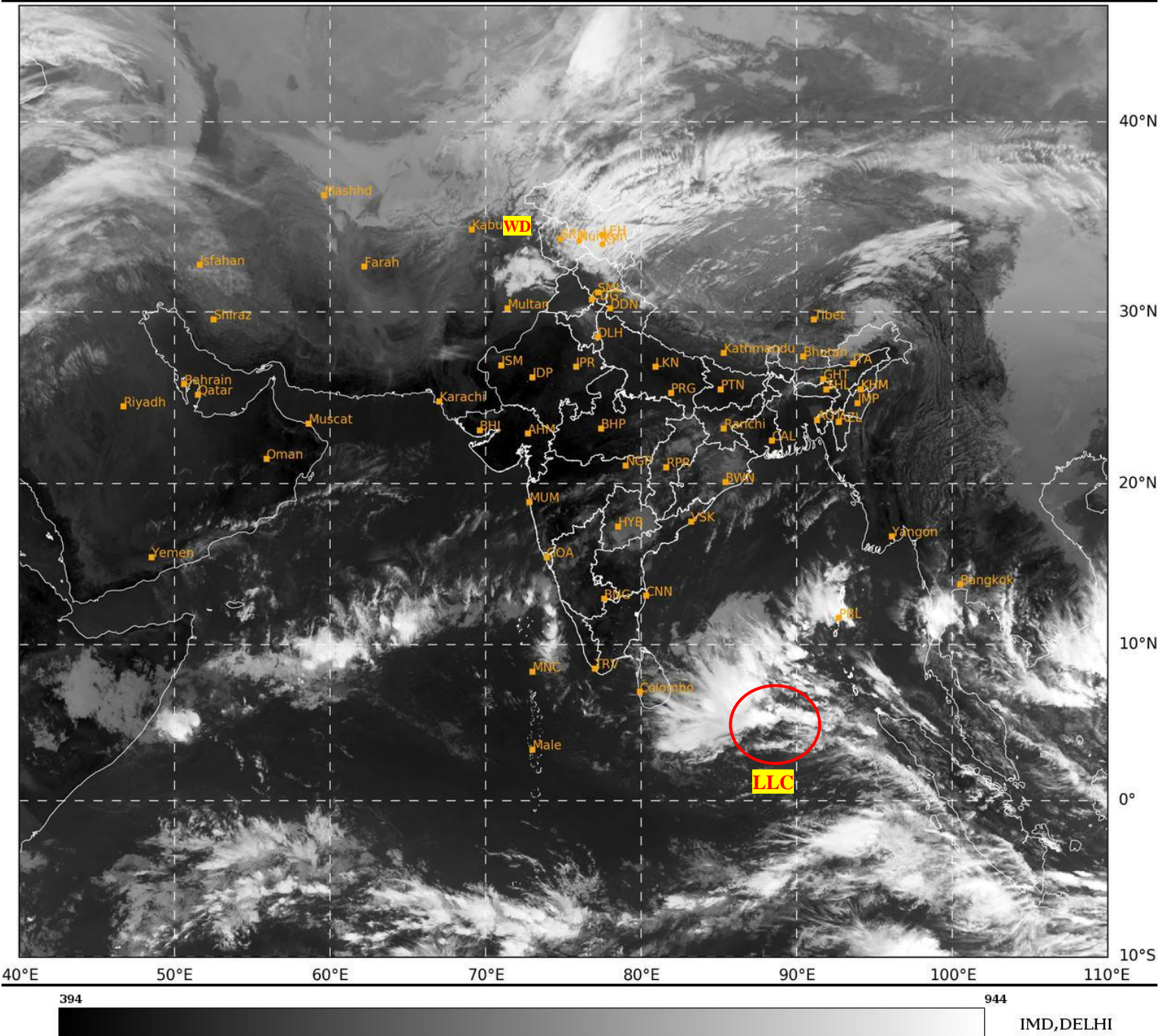




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**08.12.2024 TIME 0600 UTC**

SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
LIC Mercator

08-12-2024/(0545 to 0612) GMT  
08-12-2024/(1115 to 1142) IST



TCIN50 DEMS 080600

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 080545 UTC (.)

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

**SALIENT FEATURES: -**

**LLC OVER SOUTH-EAST BAY ADJ EAST EQUATORIAL INDIAN OCEAN:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN BET LAT 3.0N TO 12.0N AND LONG 82.0E TO 93.0E IN ASSW LOW LEVEL CIRCULATION (LLC) OVER THE AREA (MINIMUM CTT MINUS 70-85 DEG CEL) (.)

**WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER N PAK J&K N HP LADAKH NORTH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)





INSAT-3DR 08-DEC-2024 05:45 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

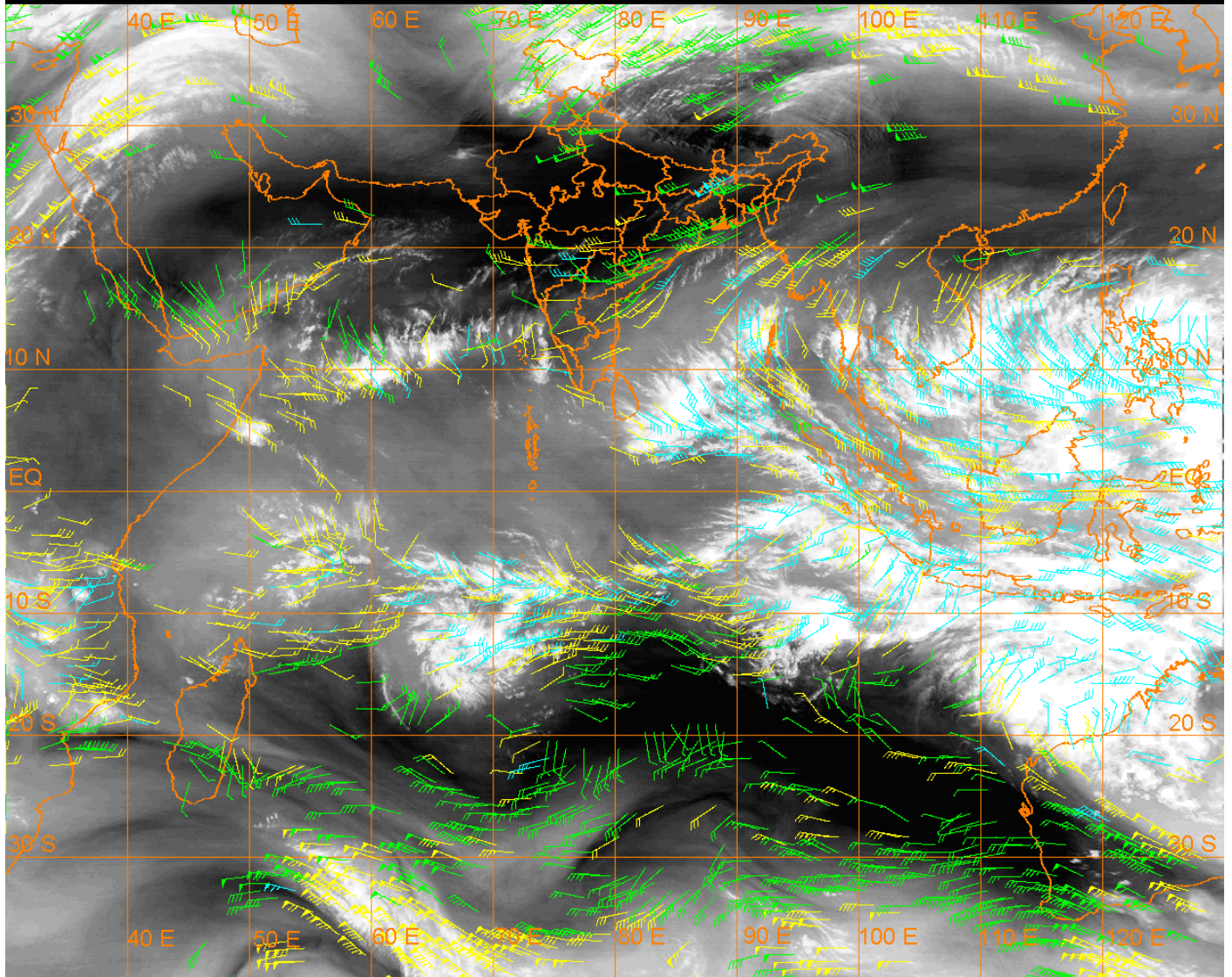
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



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

#### **NORTH:-**

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

#### **EAST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SKM ARUPR (.) SCT LOW/MED CLOUDS OVER JHRKND CHTGH ORS GWB SHWB NE STATES (.)

#### **WEST:-**

SCT LOW/MED CLOUDS OVER E MP MAHA GOA (.)

#### **SOUTH:-**

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

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

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH ADJ CENTRAL ARSEA LKSDP ILS AREA (.)

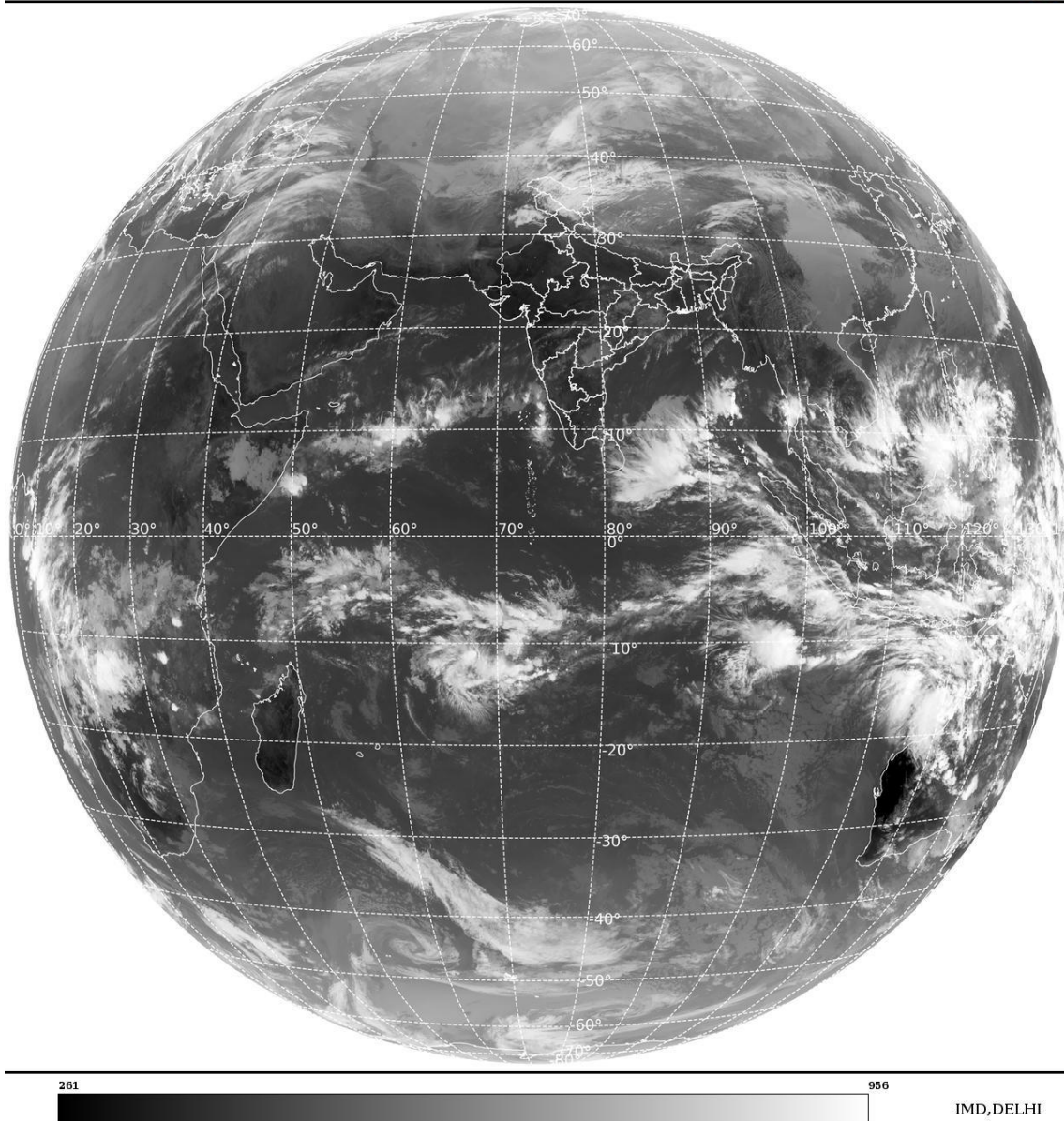
#### **BAY OF BENGAL & ANDAMAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY S ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC BAY N ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER REST BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SAT : INSAT-3DR IMG  
 Thermal Infrared1 Count 10.8 um  
 L1B FULL DISK

08-12-2024/(0545 to 0612) GMT  
 08-12-2024/(1115 to 1142) IST



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA N PAK TIBET CHINA SOUTH THAILAND GULF OF THAILAND CAMBODIA SOUTH 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 5.0N TO 16.0S LONG 45.0E TO 120.0E (.)**

**TOO 08/1220 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</b>



		<b>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 CONVTN</b>	<b>WEAK CONVECTION (CTT GREATER THAN -25°C)</b>
	<b>MOD CONVTN</b>	<b>MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)</b>
	<b>INT CONVTN</b>	<b>INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)</b>
	<b>V INT CONVTN</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>