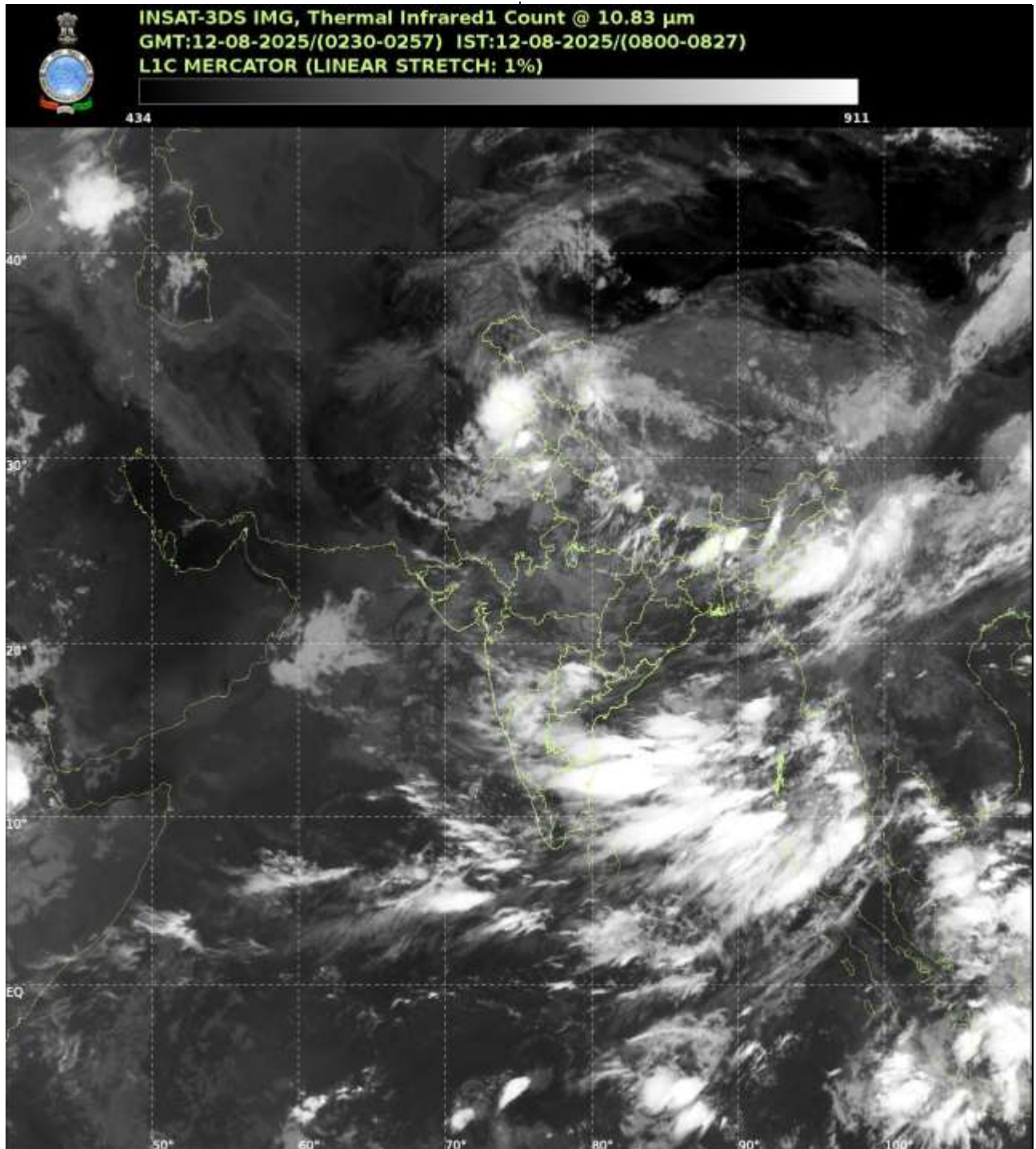




भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**12.08.2025 TIME 0300 UTC**



TCIN50 DEMS 120300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 120300 UTC (.)

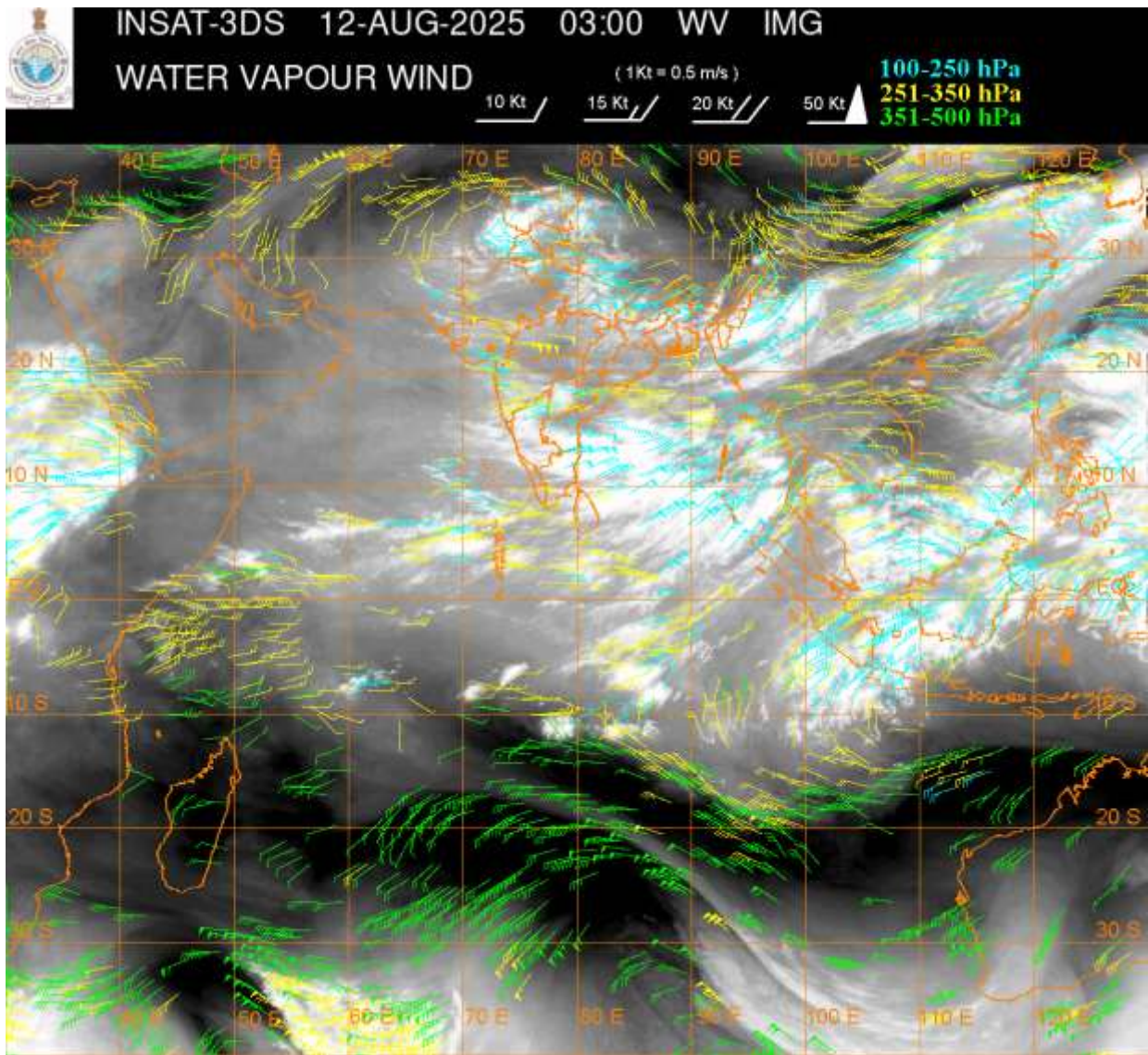
REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER J&K N PJB HARY EXT W HP SHWB NE JHRKND NIK TLNGN S RYLSM N TN S COTL AP W MEGHA ANDAMAN & NICOBAR ILS AREA (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER UTRKND HARY UP BHR NW JHRKND S KKN MRTHWD REST KRNTK ASSAM MANI MIZO LKSDP ILS AREA (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

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

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SHWB NE JHRKND W MEGHA (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR NW JHRKND SKM REST NE STATES & BD (.)SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CHTGH ORS REST JHRKND (.)

**WEST:-**

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

**SOUTH:-**

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

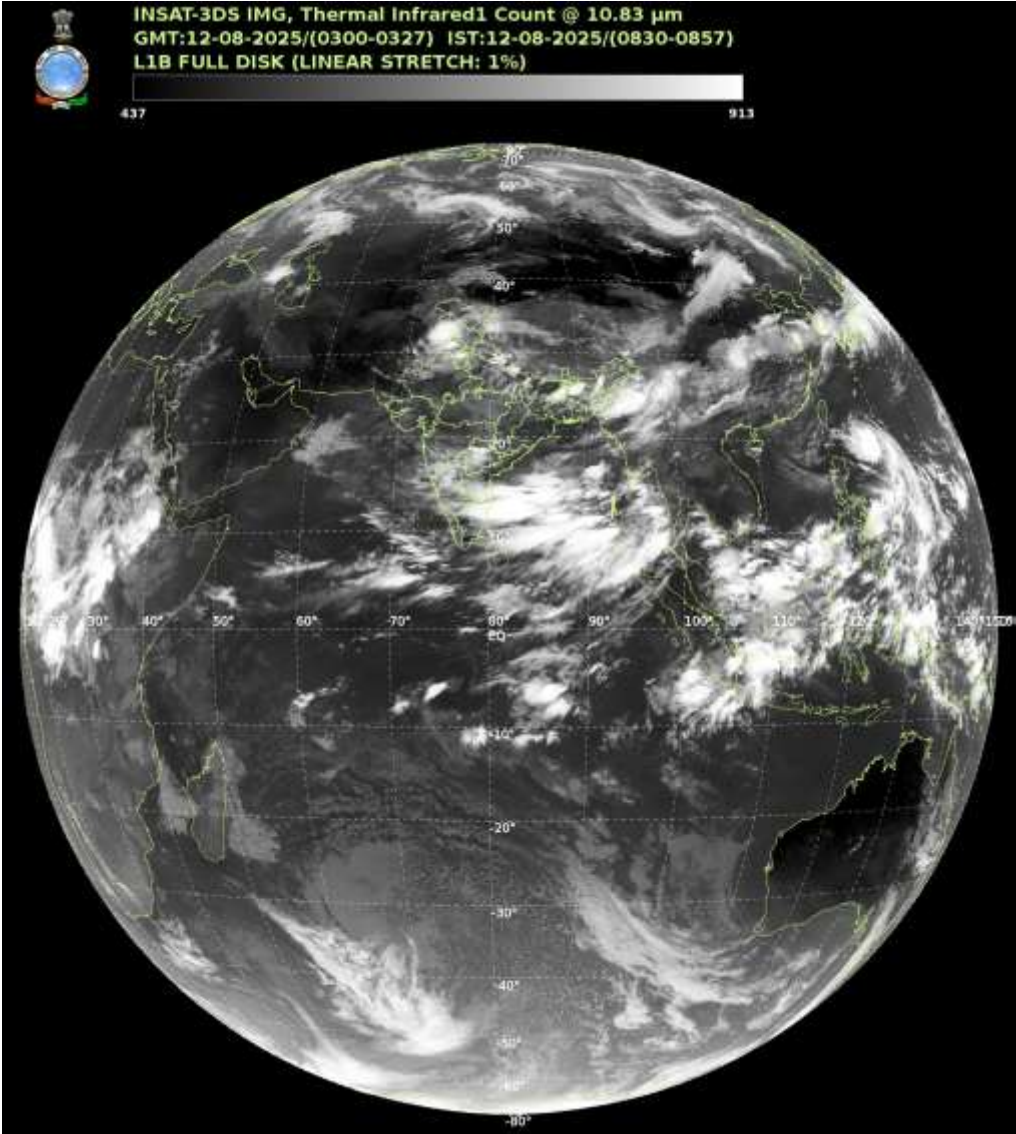
**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ARSEA LKSDP ILS AREA & COMORIN AREA AND 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 CENTRAL & SOUTH BAY ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NORTH BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES EC PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN 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 SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 40.0E TO 110.0E (.)

TOO 12/0930 EF=

NNNN

**LEGEND:-**

|                        |       |                                                   |
|------------------------|-------|---------------------------------------------------|
| REGION                 | NORTH | J&K HP PJB HARY DLH UP UTRKND                     |
|                        | EAST  | BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES    |
|                        | WEST  | RAJ MP GUJ MAHA GOA                               |
|                        | SOUTH | TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS |
| CLOUD DISTRIBUTION     | ISOL  | ISOLATED (LESS THAN 25%)                          |
|                        | SCT   | SCATTERED (25 TO 50%)                             |
|                        | BKN   | BROKEN (51 TO 75%)                                |
|                        | SLD   | SOLID (GREATER THAN 75%)                          |
| CLOUDS TOP TEMPERATURE | CTT   | CLOUD TOP TEMPERATURE                             |

|                                                                                 |                        |                                                             |
|---------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|
| <b>CONVECTION</b>                                                               | <b>WK CONVTN</b>       | <b>WEAK CONVECTION<br/>(CTT GREATER THAN –25°C)</b>         |
|                                                                                 | <b>MOD CONVTN</b>      | <b>MODERATE CONVECTION<br/>(CTT BETWEEN -25°C TO -40°C)</b> |
|                                                                                 | <b>INT CONVTN</b>      | <b>INTENSE CONVECTION<br/>(CTT BETWEEN -41°C TO -70°C)</b>  |
|                                                                                 | <b>V INT CONVTN</b>    | <b>VERY INTENSE CONVECTION<br/>(CTT LESS THAN -70°C)</b>    |
| <b>METEOROLOGICAL<br/>SUB- DIVISIONS,<br/>STATES &amp; UNION<br/>TERITORIES</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<br/>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>                   |