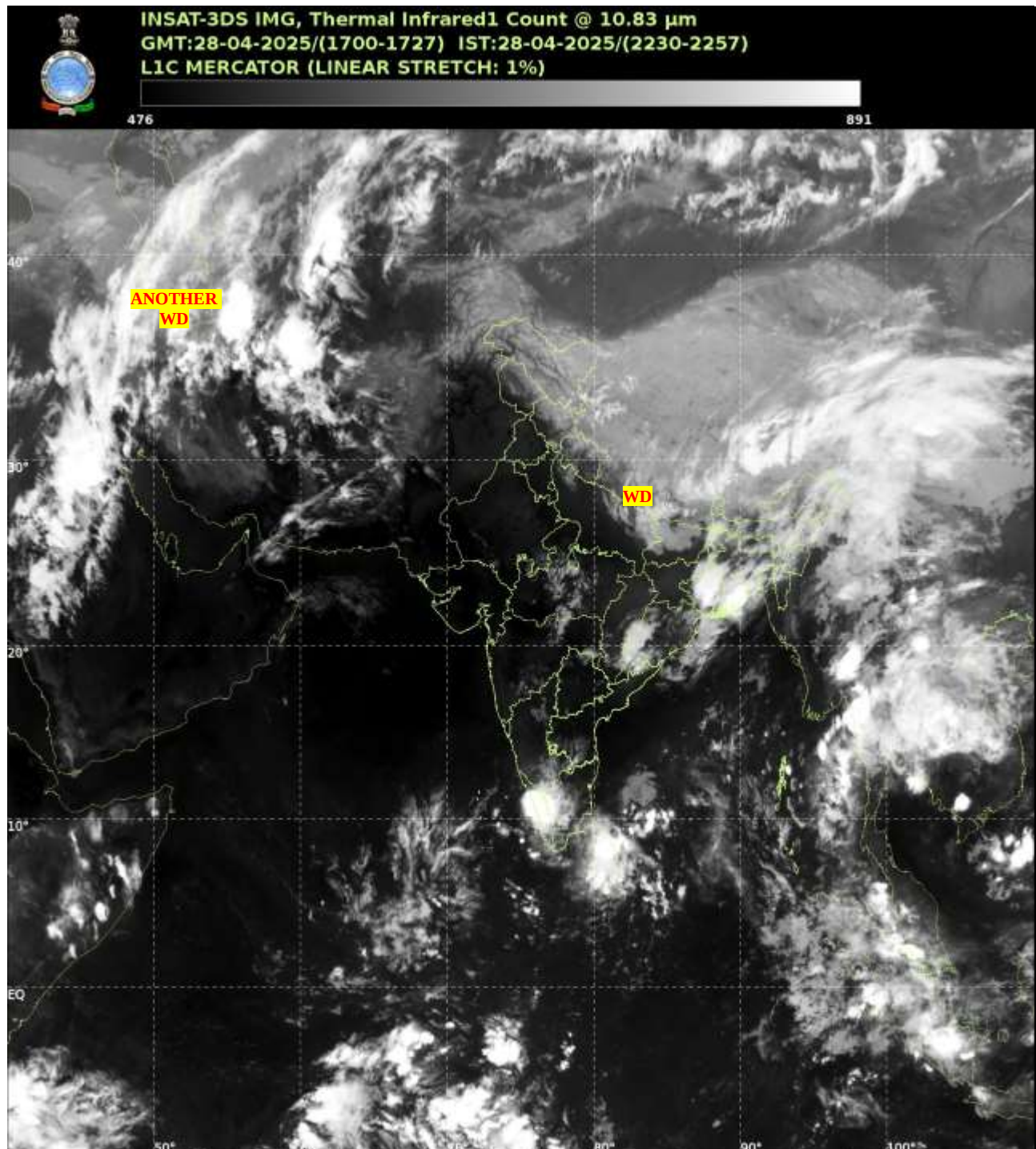




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**28.04.2025 TIME 1800 UTC**



TCIN50 DEMS 281800  
SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 281700 UTC (.)  
REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

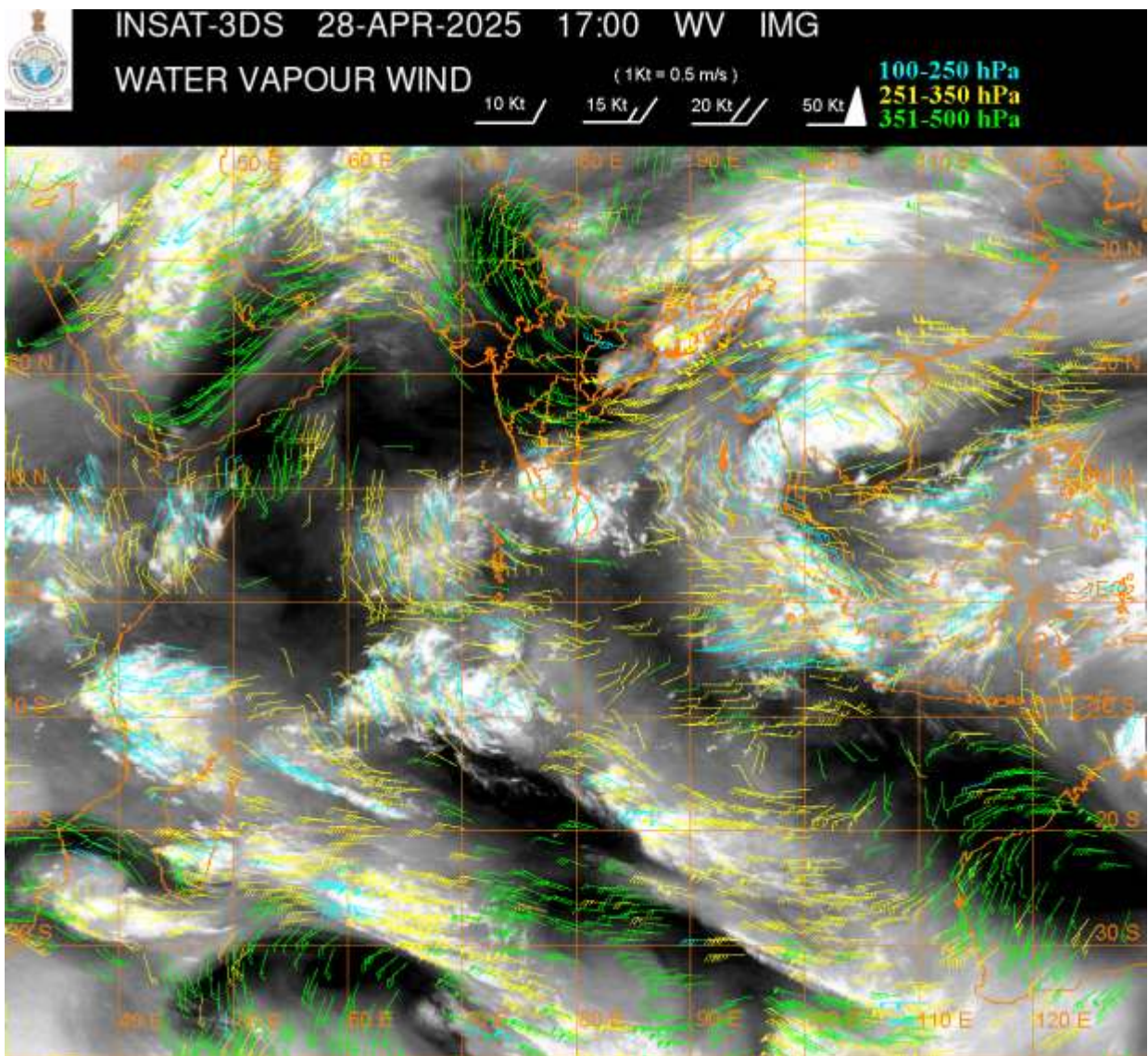
**WESTERN DISTURBANCE:-**

SCT TO BKN MULTILAYERED CLOUDS OVER E UP BHR JHRKND CHTGH ORS GWB SHWB SKM NE STATES BD NEPAL BHUTAN TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER CASPIAN SEA IRAN AND N/HOOD IN ASSW **ANOTHER WD** OVER THE AREA (.)

**THUNDERSTORM / CONVECTIVE ACTIVITY:-**

MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER SE LADAKH NE JHRKND S CHTGH S ORS GWB SKM NORTH-EAST STATES KER W TN (MINIMUM **CTT MINUS 45-68 DEG CEL**) (.)



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

##### **NORTH:-**

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

##### **EAST:-**

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

##### **WEST:-**

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

##### **SOUTH:-**

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

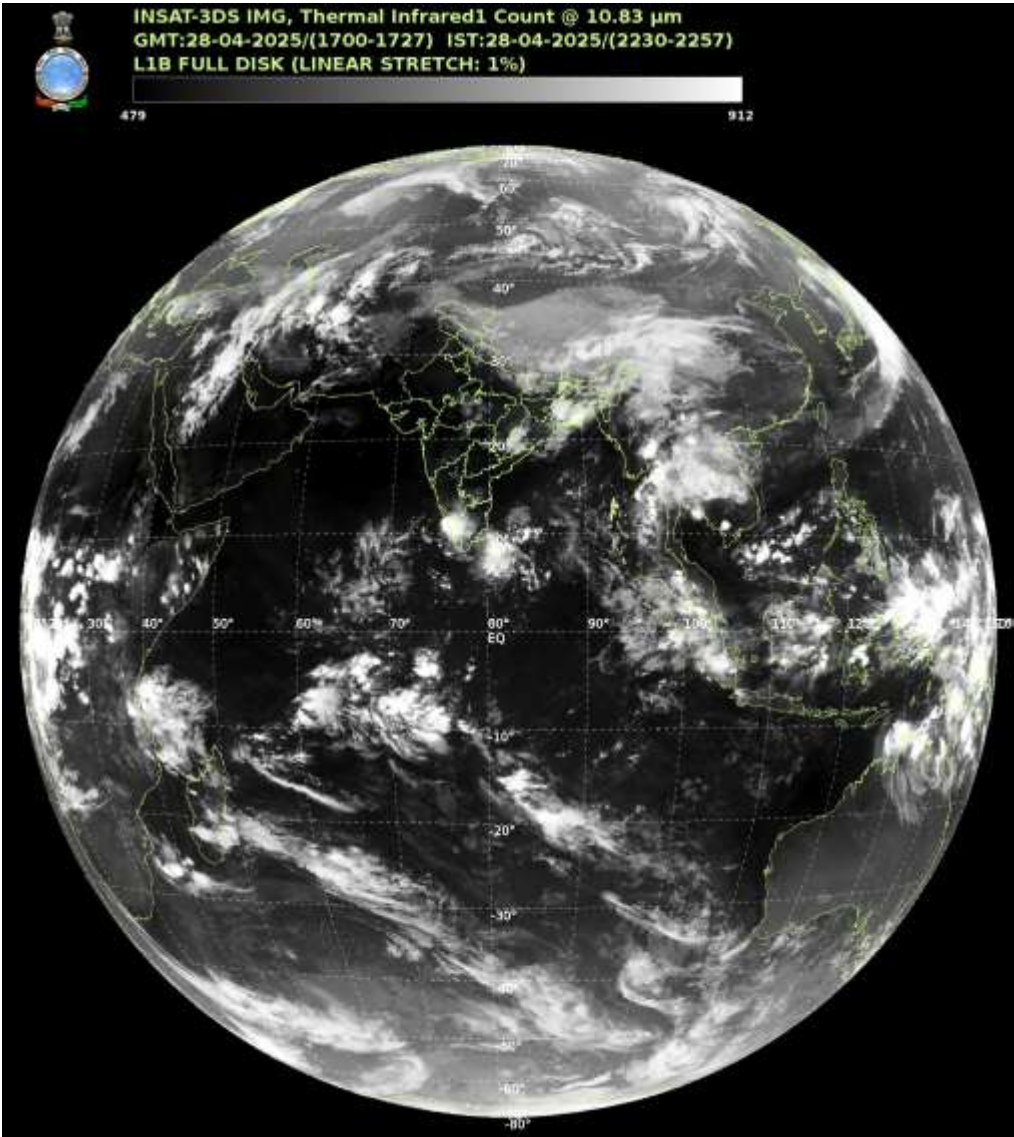
##### **ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW & WC ARSEA (.)

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

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NW BAY EC & SOUTH BAY ANDAMAN SEA & TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER WC BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN 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 35.0S LONG 40.0E TO 110.0E (.)

TOO 28/2330 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>                   |