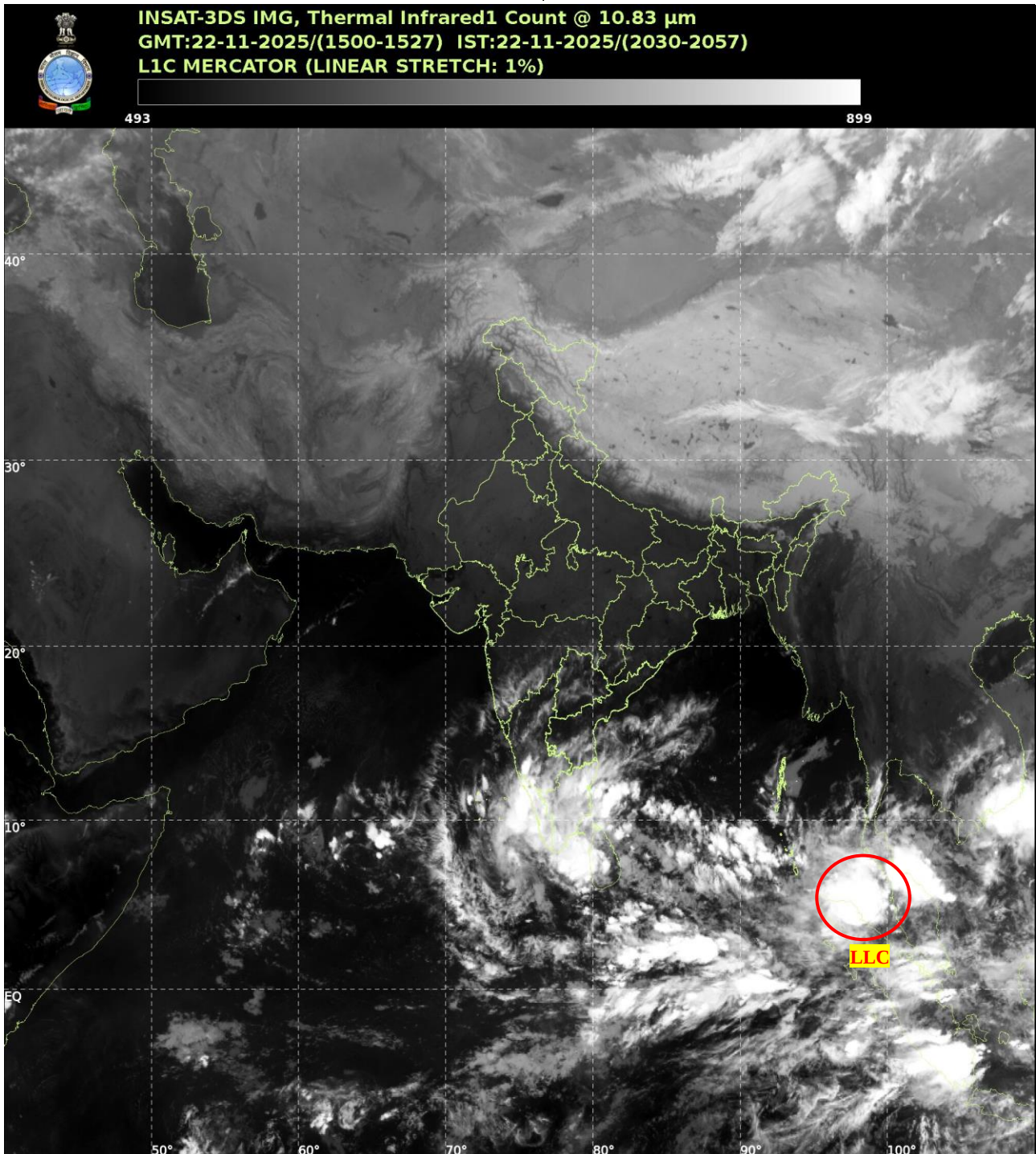




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**22.11.2025 TIME 1500 UTC**



TCIN50 DEMS 221500

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 221500 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 STRAIT OF MALACCA ADJOINING SOUTH ANDAMAN SEA & N/HOOD:-**

LOW LEVEL CIRCULATION (**LLC**) OVER STRAIT OF MALACCA ADJOINING SOUTH ANDAMAN SEA & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER SE BAY SOUTH ANDAMAN SEA STRAIT OF MALACCA & N/HOOD (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

MODERATE TO INTENSE CONVECTIVE CLOUDS / THUNDERSTORM ACTIVITY OBSERVED OVER SIK KER TN LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)





INSAT-3DS 22-NOV-2025 15:00 WV IMG

WATER VAPOUR WIND

( 1Kt = 0.5 m/s )

10 Kt

15 Kt

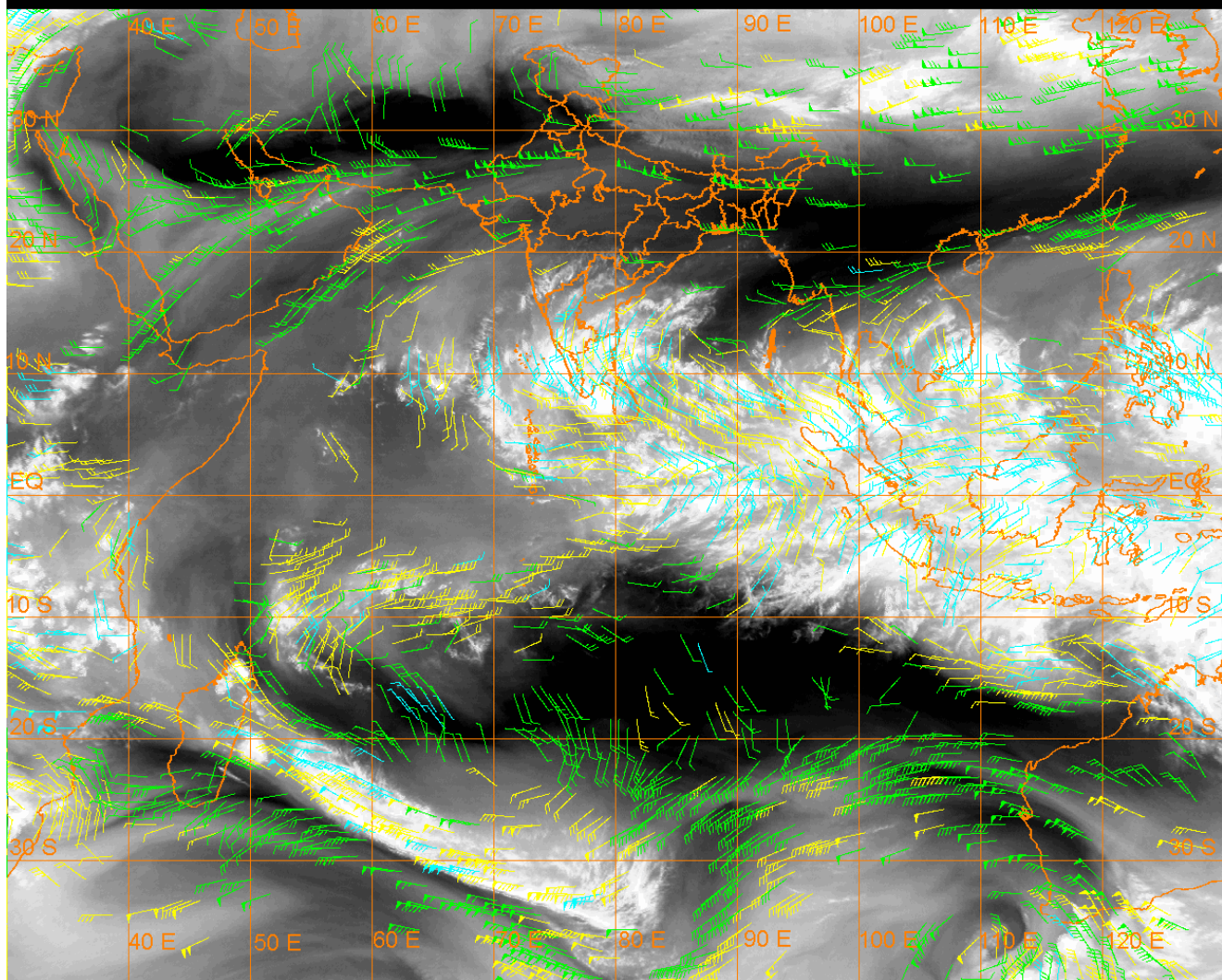
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



#### CLOUDS DESCRIPTION WITHIN INDIA:-

##### NORTH:-

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

##### EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER S CHTGH SKM N ASSAM ARUPR NAGA (.) SCT LOW/MED CLOUDS OVER ORS REST NE STATES (.)

##### WEST:-

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

##### SOUTH:-

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

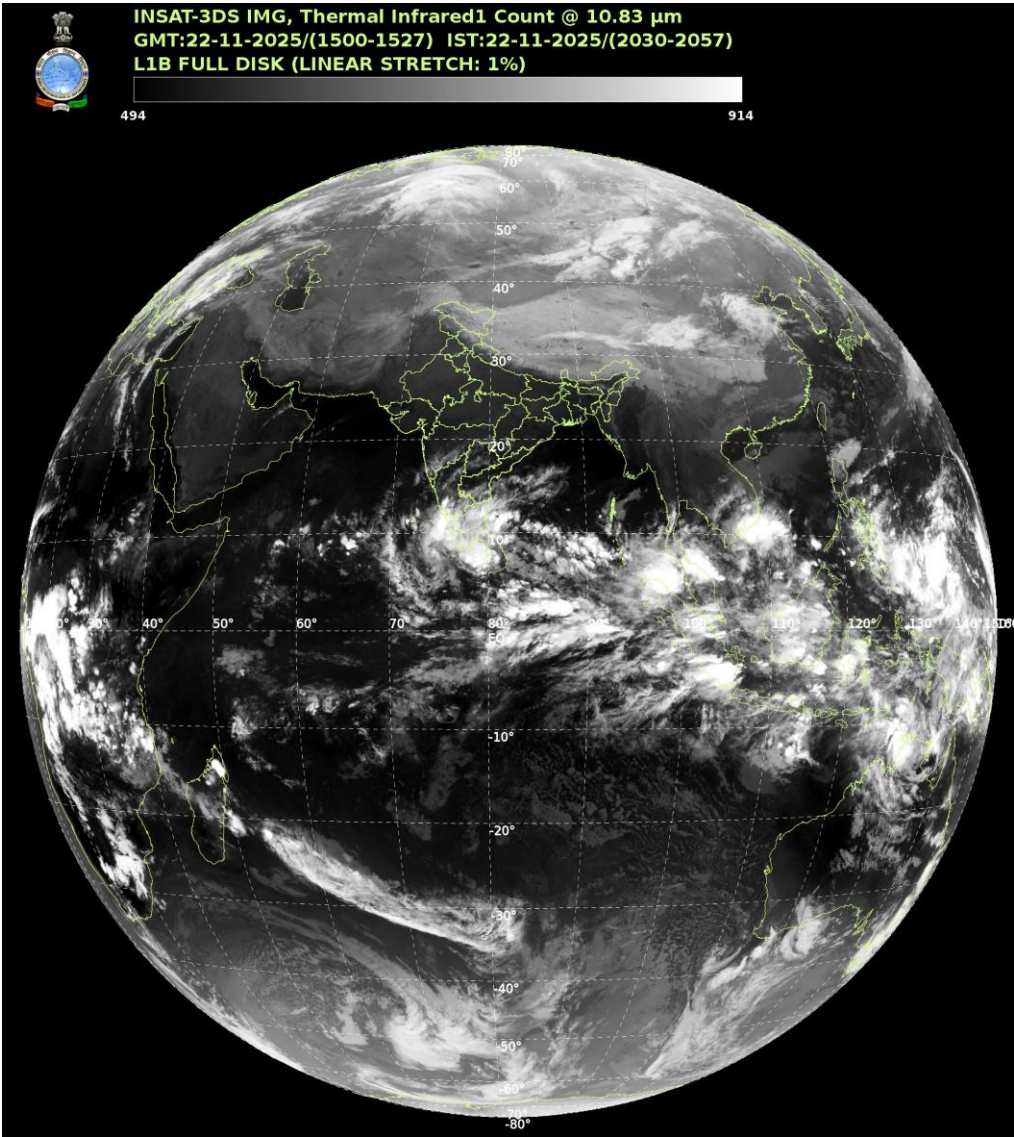
##### ARABIAN SEA:-

SCT TO BKN 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 EC & SW ARSEA (.)

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

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE CONVTN OVER SOUTH BAY AND SOUTH ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC BAY NORTH ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER EC BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA YELLOW SEA 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 NORTH MADAGASCAR NORTH MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO LAT 15.0S LONG 50.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 50.0E TO 85.0E (.)

TOO 22/2135 HRS IST=

NNNN

**LEGEND:-**

|                    |       |                                                   |
|--------------------|-------|---------------------------------------------------|
| REGION             | NORTH | J&K HP UTRKND PJB HARY DLH UP                     |
|                    | 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%)                          |

|                                                                                 |                        |                                                             |
|---------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|
| <b>CLOUDS TOP TEMPERATURE</b>                                                   | <b>CTT</b>             | <b>CLOUD TOP TEMPERATURE</b>                                |
| <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>J&amp;K</b>         | <b>JAMMU AND KASHMIR</b>                                    |
|                                                                                 | <b>HP</b>              | <b>HIMACHAL PRADESH</b>                                     |
|                                                                                 | <b>UTRKND</b>          | <b>UTTARAKHAND</b>                                          |
|                                                                                 | <b>PJB</b>             | <b>PUNJAB</b>                                               |
|                                                                                 | <b>HARY</b>            | <b>HARYANA</b>                                              |
|                                                                                 | <b>DLH</b>             | <b>DELHI</b>                                                |
|                                                                                 | <b>BHR</b>             | <b>BIHAR</b>                                                |
|                                                                                 | <b>JHRKND</b>          | <b>JHARKHAND</b>                                            |
|                                                                                 | <b>CHTGH</b>           | <b>CHHATTISGARH</b>                                         |
|                                                                                 | <b>ORS</b>             | <b>ODISHA</b>                                               |
|                                                                                 | <b>GWB</b>             | <b>GANGETIC WEST BENGAL</b>                                 |
|                                                                                 | <b>SHWB</b>            | <b>SUB-HIMALAYAN WEST BENGAL</b>                            |
|                                                                                 | <b>SKM</b>             | <b>SIKKIM</b>                                               |
|                                                                                 | <b>ARUPR</b>           | <b>ARUNACHAL PRADESH</b>                                    |
|                                                                                 | <b>ASSAM</b>           | <b>ASSAM</b>                                                |
|                                                                                 | <b>MEGHA</b>           | <b>MEGHALAYA</b>                                            |
|                                                                                 | <b>NAGA</b>            | <b>NAGALAND</b>                                             |
|                                                                                 | <b>MANI</b>            | <b>MANIPUR</b>                                              |
|                                                                                 | <b>MIZO</b>            | <b>MIZORAM</b>                                              |
|                                                                                 | <b>TRP</b>             | <b>TRIPURA</b>                                              |
|                                                                                 | <b>RAJ</b>             | <b>RAJASTHAN</b>                                            |
|                                                                                 | <b>MP</b>              | <b>MADHYA PRADESH</b>                                       |
|                                                                                 | <b>GUJ</b>             | <b>GUJARAT</b>                                              |
|                                                                                 | <b>SAU &amp; KUTCH</b> | <b>SAURASHTRA &amp; KUTCH</b>                               |
|                                                                                 | <b>MAHA</b>            | <b>MAHARASHTRA</b>                                          |
|                                                                                 | <b>M MAHA</b>          | <b>MADHYA MAHARASHTRA</b>                                   |
|                                                                                 | <b>MRTHWD</b>          | <b>MARATHWADA</b>                                           |
|                                                                                 | <b>VID</b>             | <b>VIDARBHA</b>                                             |
|                                                                                 | <b>KKN</b>             | <b>KONKAN</b>                                               |
|                                                                                 | <b>TLNGN</b>           | <b>TELANGANA</b>                                            |
|                                                                                 | <b>RYLSM</b>           | <b>RAYALASEEMA</b>                                          |
|                                                                                 | <b>COTL AP</b>         | <b>COASTAL ANDHRA PRADESH</b>                               |
|                                                                                 | <b>NIK</b>             | <b>NORTH INTERIOR KARNATAKA</b>                             |
|                                                                                 | <b>SIK</b>             | <b>SOUTH INTERIOR KARNATAKA</b>                             |
|                                                                                 | <b>COTL KRNTK</b>      | <b>COASTAL KARNATAKA</b>                                    |
|                                                                                 | <b>KER</b>             | <b>KERALA</b>                                               |
|                                                                                 | <b>TN</b>              | <b>TAMILNADU</b>                                            |
|                                                                                 | <b>LKSDP</b>           | <b>LAKSHADWEEP</b>                                          |
|                                                                                 | <b>ILS</b>             | <b>ISLANDS</b>                                              |

|                      |               |                              |
|----------------------|---------------|------------------------------|
|                      | <b>ARSEA</b>  | <b>ARABIAN SEA</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>               |