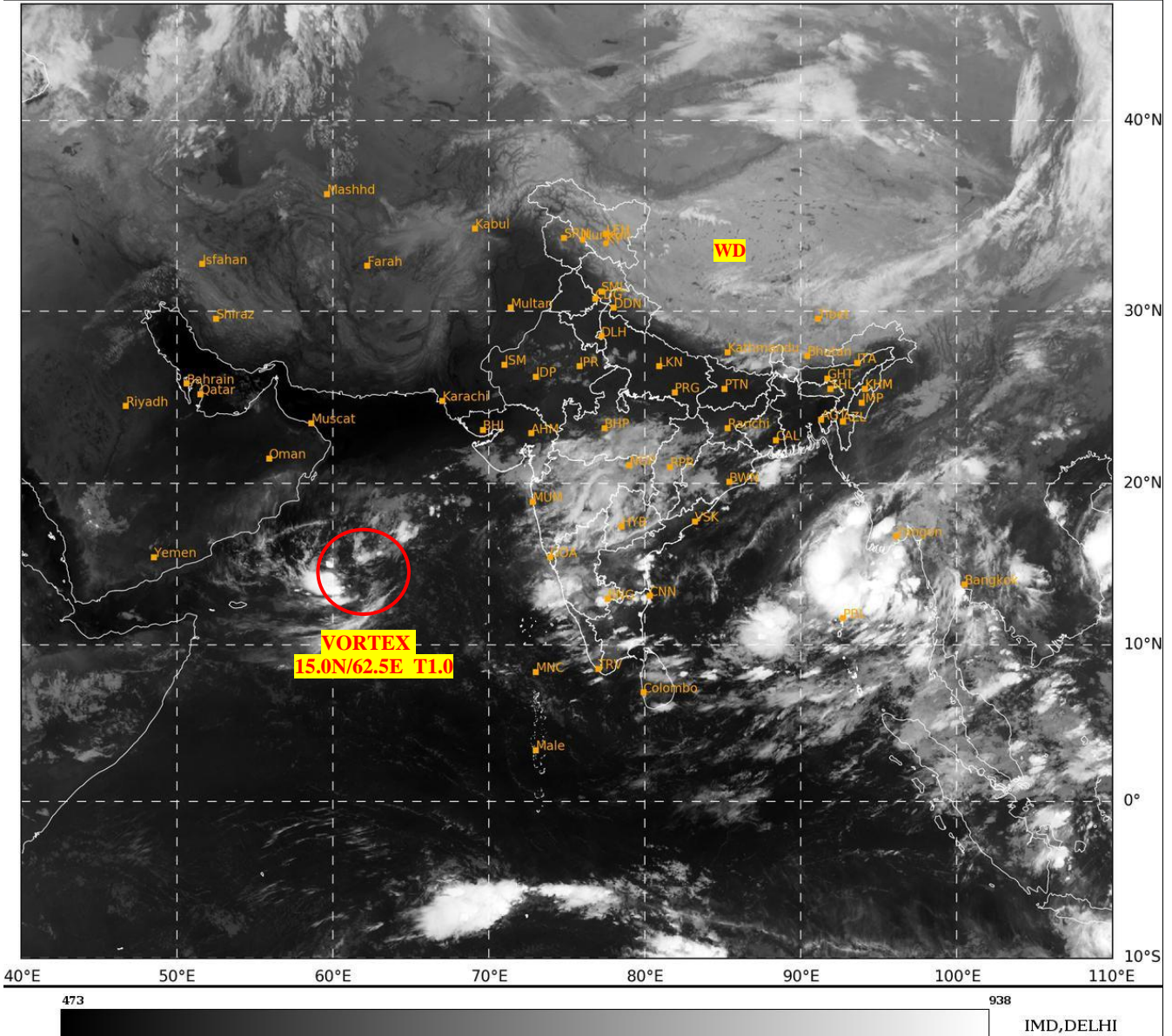




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
20.10.2024 TIME 0000 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

20-10-2024/(0015 to 0042) GMT
20-10-2024/(0545 to 0612) IST



TCIN50 DEMS 200000

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 200015 UTC (.)

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

SALIENT FEATURES:-

VORTEX OVER WEST-CENTRAL ARABIAN SEA:-

VORTEX OVER WEST-CENTRAL ARSEA CENTRED WITHIN HALF A DEGREE OF **15.0N / 62.5E** (.) INTENSITY **T1.0** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC ADJ SW ARSEA BET LAT 10.0N TO 20.0N LONG 55.0E TO 65.0E (MIMIMUM CTT MINUS 70 DEG CEL) (.)

CONVECTION OVER NORTH ANDAMAN SEA ADJ EC BAY & N/HOOD:-

INTENSE TO VERY INTENSE CONVECTION OVER NORTH ANDAMAN SEA ADJ EC BAY PERSISTS AND SHOWING INTENSIFICATION DURING LAST 12 HRS (MIMIMUM CTT MINUS 80-93 DEG CEL) (.)

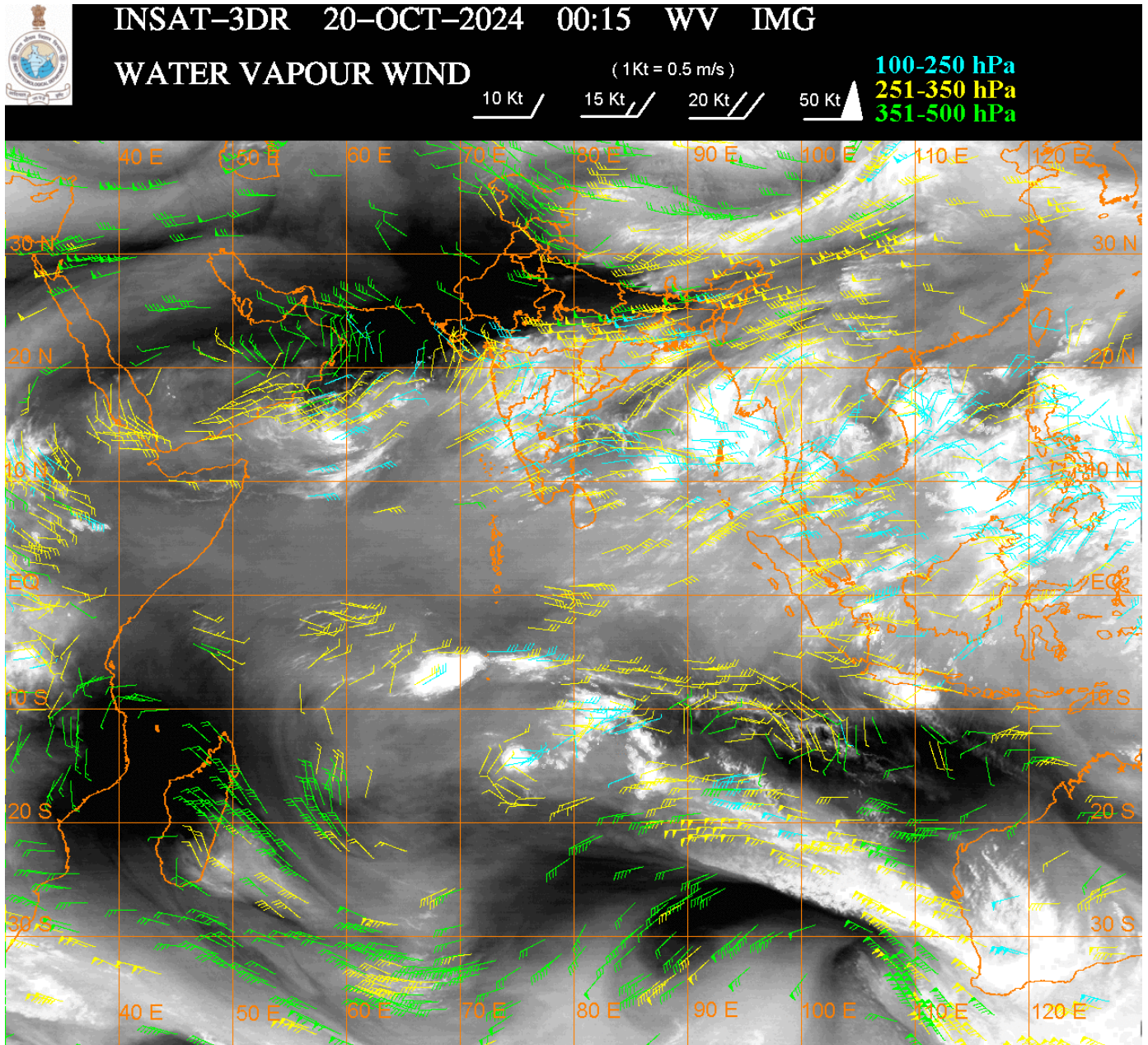
WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER ANDAMAN ILS (MINIMUM CTT MINUS 80-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SE GUJ MAHA S MP CHTGH S ORS TLNGN S COTL AP KRNTK TN & NICOBAR ILS (MINIMUM CTT MINUS 50-60 DEG CEL) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH S ORS AND WK TO MOD CONVTN OVER S JHRKND N ORS GWB SHWB SKM ARUPR (.) SCT LOW/MED CLOUDS OVER N BHR REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S GUJ S MP MAHA AND ISOL WK TO MOD CONVTN OVER N RAJ GOA (.) SCT LOW/MED CLOUDS OVER S RAJ N GUJ N MP (.)

SOUTH:-

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

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC ARSEA & SE ARSEA KRNTK-KER COASTS (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NE ARSEA OFF S GUJ COAST GULF OF CAMBAY EC & SOUTH ARSEA (.)

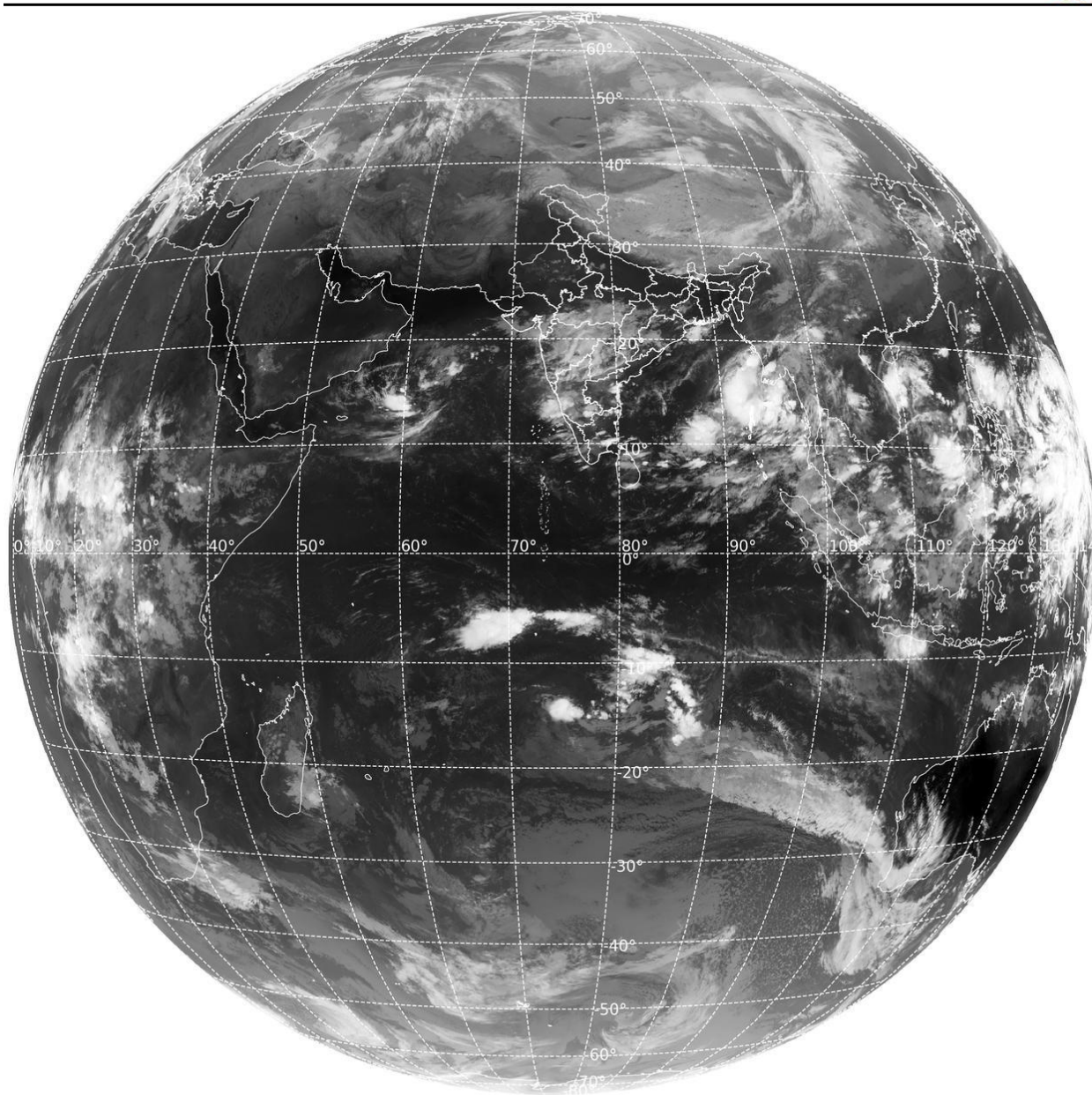
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC & SE BAY ANDAMAN SEA TENASSERIM COAST GULF OF MARTABAN (MINIMUM CTT MINUS 80-93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

20-10-2024/(0015 to 0042) GMT
20-10-2024/(0545 to 0612) IST



435

962

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA NEPAL TIBET CHINA SOUTH MYANMAR 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 MADAGASCAR AND OVER SOUTH INDIAN OCEAN BET LAT 5.0S TO 20.0S LONG 55.0E TO 100.0E AND BET LAT 20.0S TO 30.0S LONG 80.0E TO 120.0E (.)

TOO 20/0650 HRS IST=

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 | |
| CONVECTION | WK CONVTN | WEAK CONVECTION (CTT GREATER THAN -25°C) | |
| | MOD CONVTN | MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C) | |
| | INT CONVTN | INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C) | |
| | V INT CONVTN | VERY INTENSE CONVECTION (CTT LESS THAN -70°C) | |
| METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES | ARUPR | ARUNACHAL PRADESH | |
| | BHR | BIHAR | |
| | CHTGH | CHHATTISGARH | |
| | COTL AP | COASTAL ANDHRA PRADESH | |
| | COTL KRNTK | COASTAL KARNATAKA | |
| | COTL ORS | COASTAL ORISSA | |
| | GUJ | GUJARAT | |
| | GWB | GANGETIC WEST BENGAL | |
| | HARY | HARYANA | |
| | DLH | DELHI | |
| | HP | HIMACHAL PRADESH | |
| | J&K | JAMMU AND KASHMIR | |
| | JHRKND | JHARKHAND | |
| | KER | KERALA | |
| | KKN | KONKAN | |
| | LKSDP | LAKSHADWEEP | |
| | M MAHA | MADHYA MAHARASHTRA | |
| | MAHA | MAHARASHTRA | |
| | MANI | MANIPUR | |
| | MEGHA | MEGHALAYA | |
| | MIZO | MIZORAM | |
| | MP | MADHYA PRADESH | |
| | | MRTHWD | MARATHWADA |
| | | NAGA | NAGALAND |
| N COTL AP | | NORTH COASTAL ANDHRA PRADESH | |
| NIK | | NORTH INTERIOR KARNATAKA | |
| ORS | | ORISSA | |

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