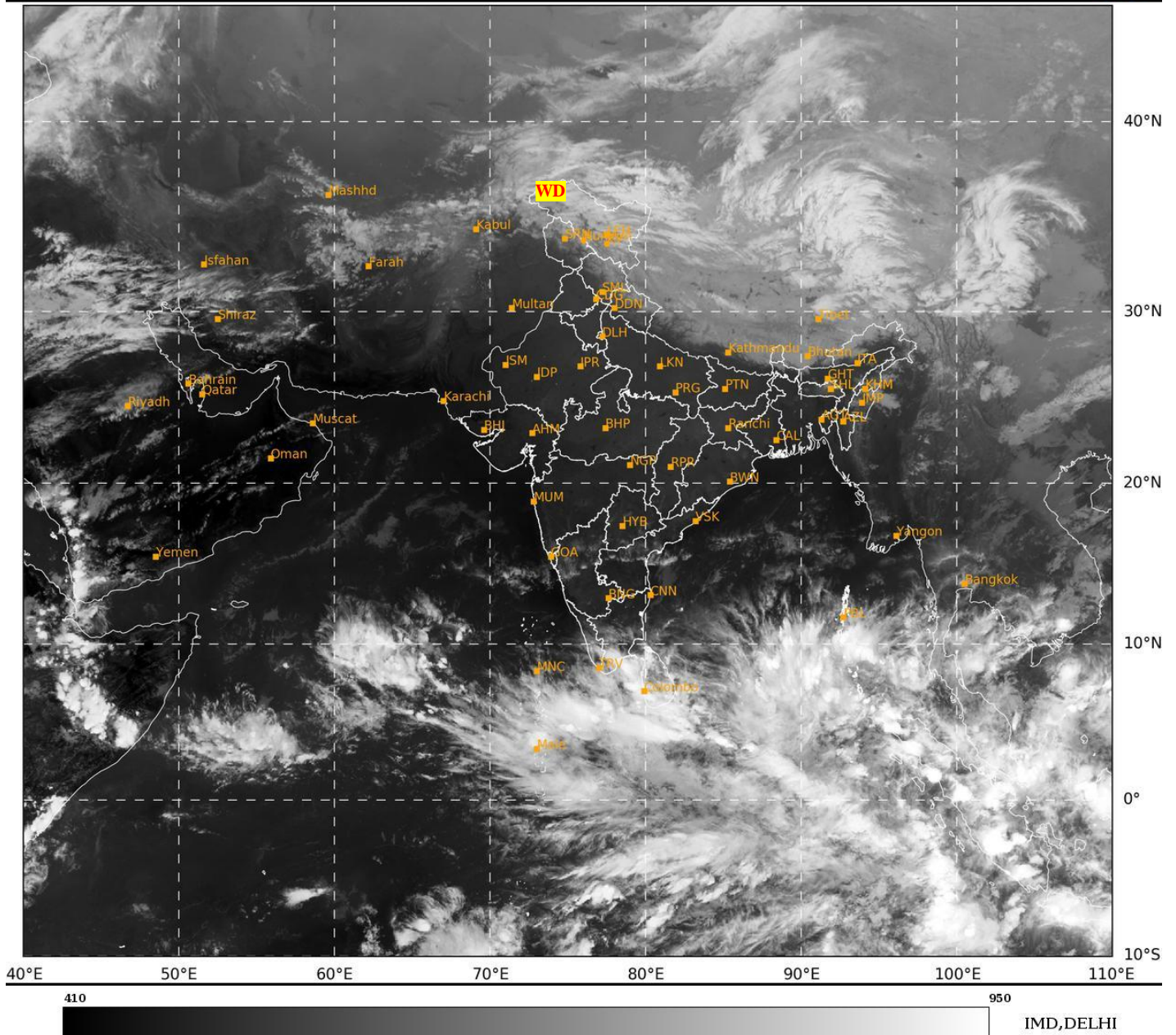




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**22.11.2024 TIME 1200 UTC**

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

22-11-2024/(1215 to 1242) GMT  
22-11-2024/(1745 to 1812) IST



TCIN50 DEMS 221200

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 221215 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 MULTILAYERED CLOUDS OVER EXT N PAK LADAKH TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

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

INTENSE TO VERY INTENSE CONVECTION OVER SOUTH ANDAMAN SEA SOUTH BAY ADJ EQUATORIAL INDIAN OCEAN (MINIMUM CTT **MINUS 80-93 DEG CEL**) (.)

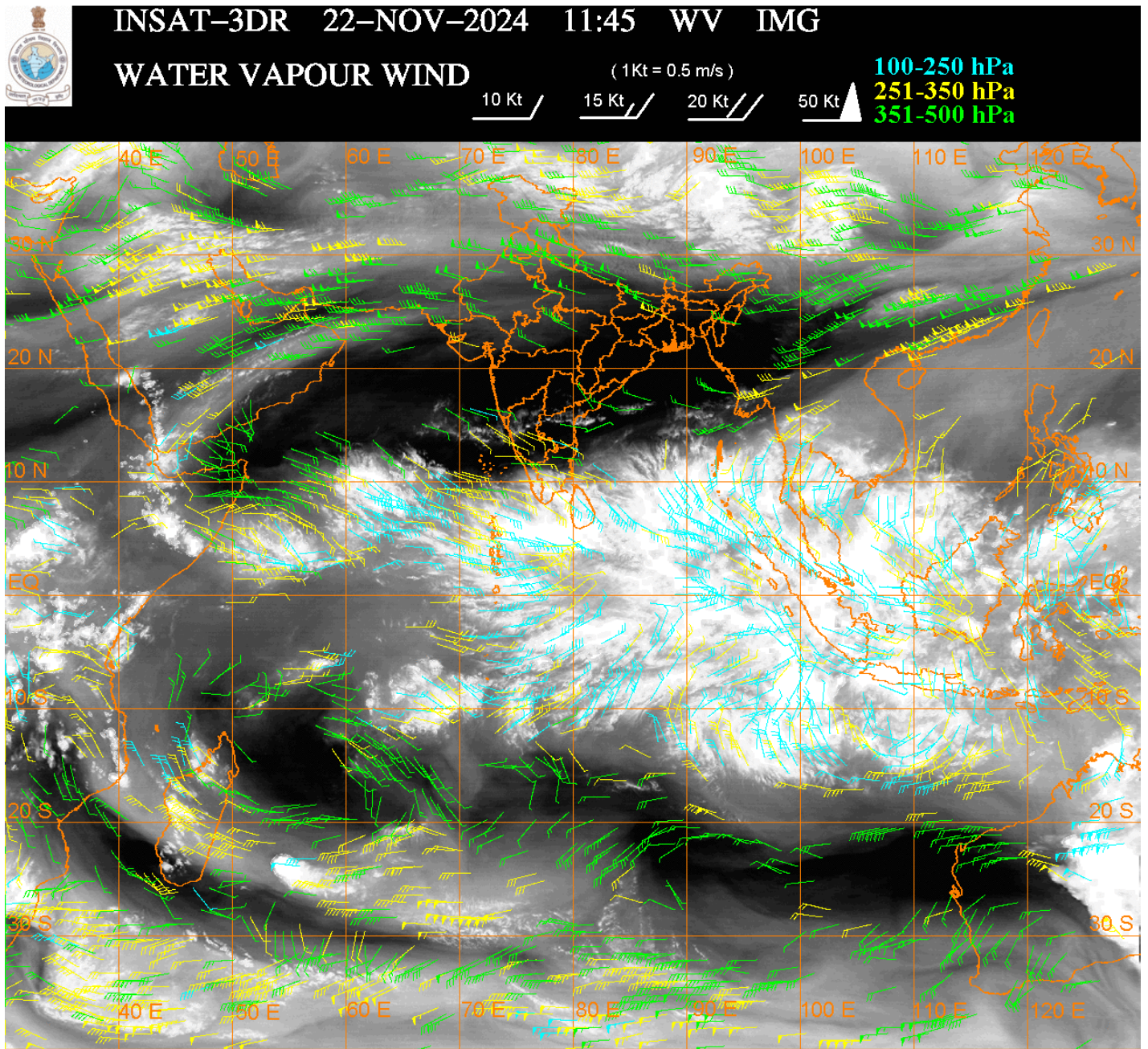
**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT **MINUS 80-93 DEG CEL**) (.)



**JET STREAM:-**

**JET STREAM WINDS OF ORDER UPTO 90 KTS OBSERVED OVER NORTH INDIA (.)**



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

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

**EAST:-**

**SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR NAGA MANI (.) ISOL TO SCT LOW/MED CLOUDS OVER E BHR JHRKND ORS GWB SHWB REST NE STATES (.)**

**WEST:-**

**SCT LOW/MED CLOUDS OVER S KKN GOA (.)**

**SOUTH:-**

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

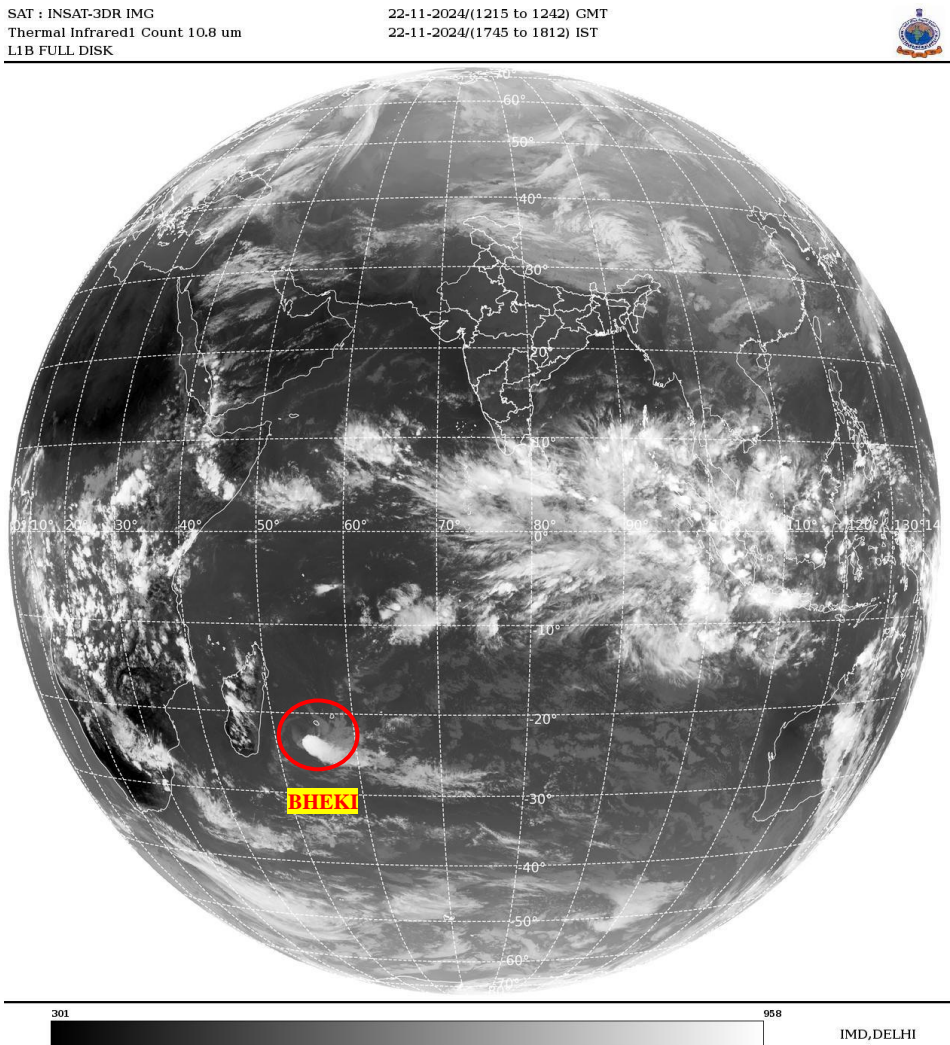
**ARABIAN SEA:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH ARSEA MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER EC ARSEA LKSDP ILS ARSEA (.)**

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

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY & ANDAMAN SEA (MINIMUM **CTT MINUS 80-93 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER CENTRAL BAY (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



**VORTEX (BHEKI) OVER SOUTH INDIAN OCEAN:-**

VORTEX (**BHEKI**) OVER SOUTH INDIAN OCEAN (**AREA D55**) CENTERED NEAR **22.6S / 53.6E** (.) INTENSITY **T1.5/1.5** (.) MAXIMUM SUSTAINED WINDS **17-27 KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER AREA BET LAT 22.0S TO 26.0S LONG 53.0E TO 60.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES TIBET CHINA EAST CHINA SEA THAILAND GULF OF THAILAND CAMBODIA SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES MADAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 16.0S LONG 50.0E TO 120.0E (.)

TOO 22/1830 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

<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>