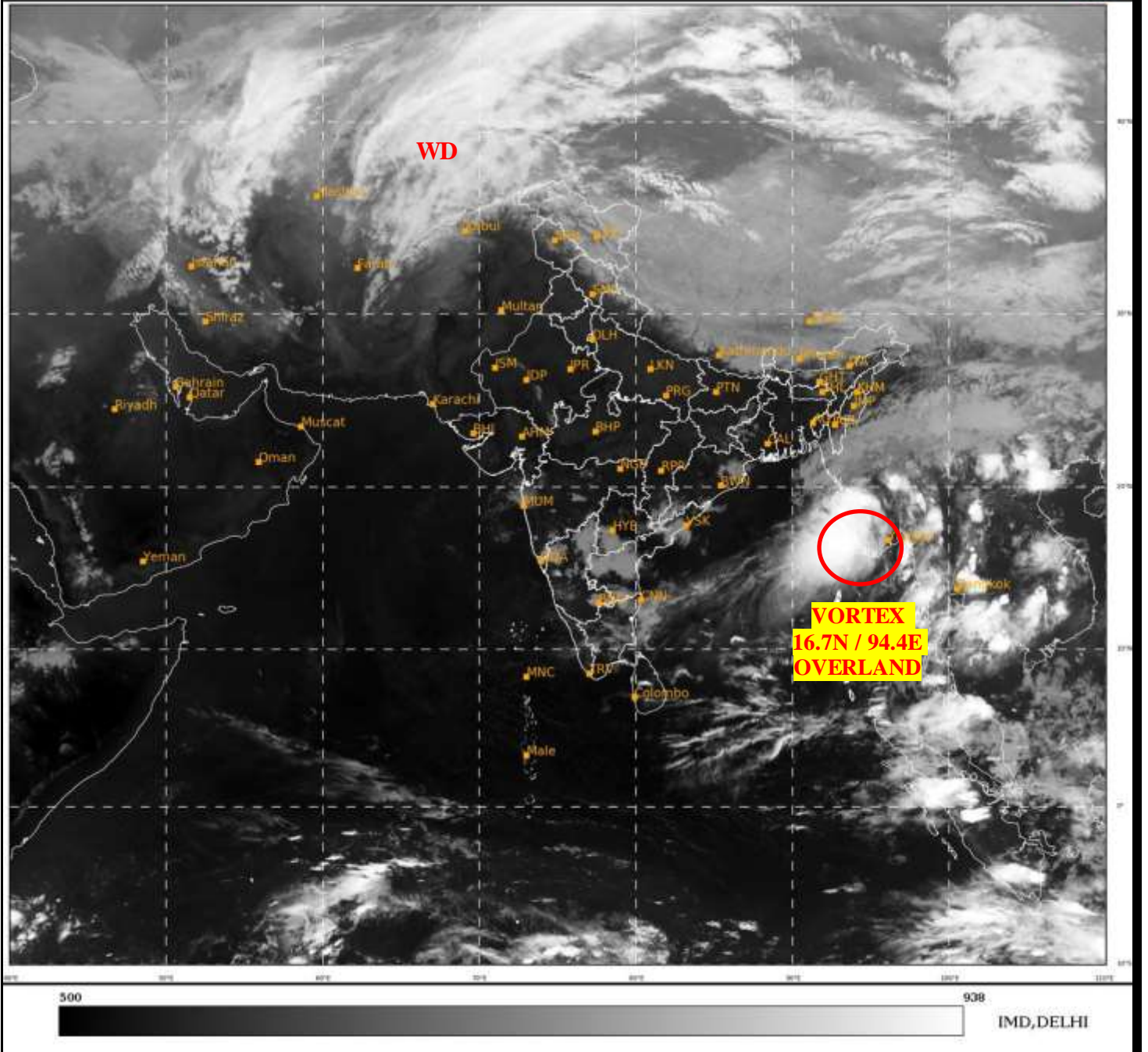




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
22.03.2022 TIME 1500 UTC

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

22-03-2022/(1500 to 1526) GMT
22-03-2022/(2030 to 2056) IST



TCIN50 DEMS 221500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 221500 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

VORTEX OVER MYANMAR (ARAKAN COAST) ADJ EAST-CENTRAL BAY & N/HOOD:-

VORTEX OVER MYANMAR (ARAKAN COAST) ADJ EC BAY CENTERED **WITHIN A HALF DEGREE OF 16.7N / 94.4E (.) OVERLAND (.)** ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ADJ NE BAY NORTH ANDAMAN SEA BET LAT 14.5N TO 19.5N LONG 90.5E TO 95.0E ALSO OVER S MYANMAR ARAKAN COAST & GULF OF MARTABAN (.) MINIMUM CTT MINUS **93 DEG C (.)** INTENSE CONVECTION LIES IN THE NORTH-WEST QUADRENT OF THE SYSTEM CENTER (.)

WESTERN DISTURBANCE (WD):-

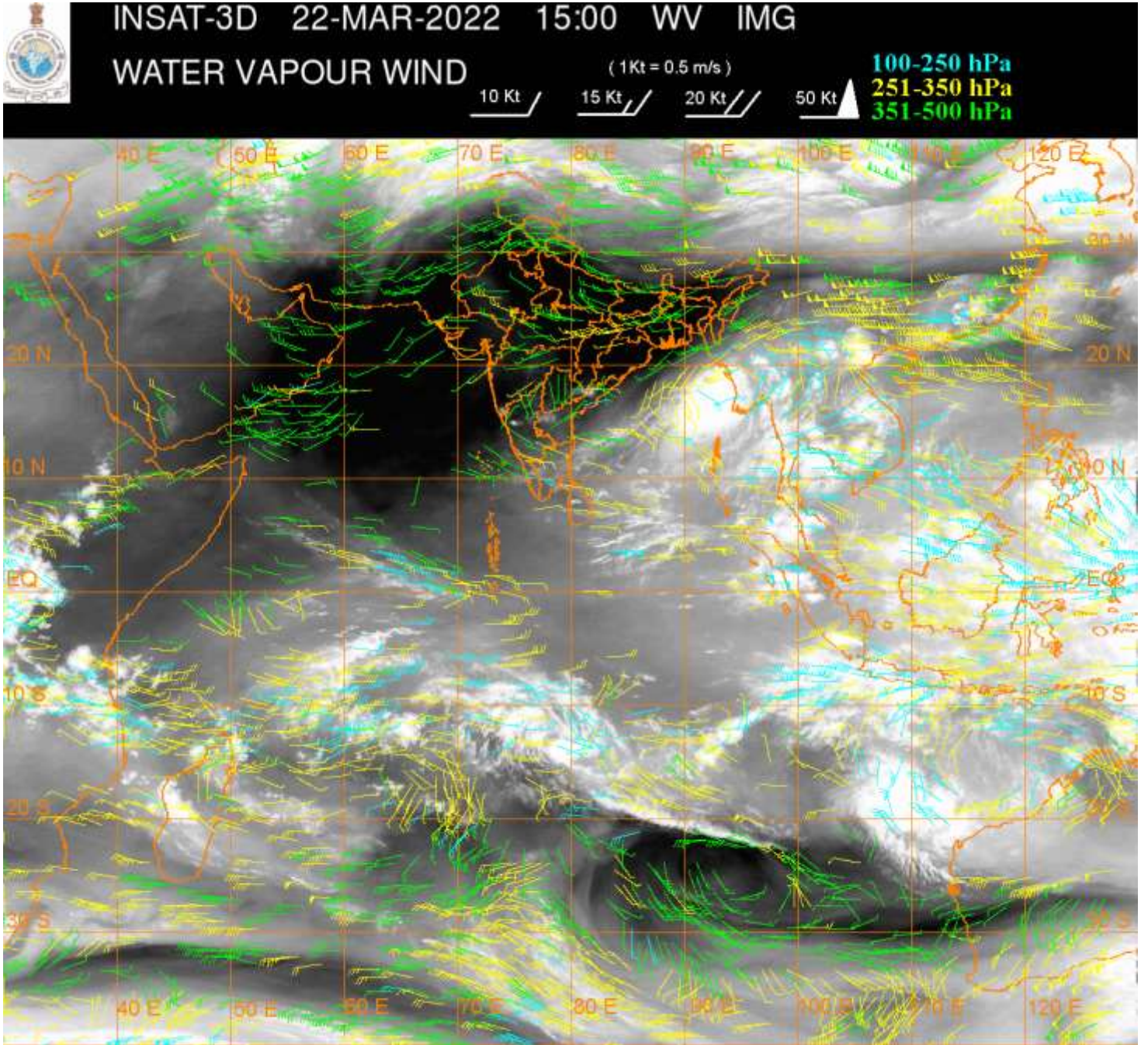
SCT MULTILAYERED CLOUDS OVER CASPIAN SEA IRAN AFGAN EXT N PAK N LADAKH AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

PRECIPITATION NOWCASTING:-

(BASED ON SCOPE NOWCASTING TOOL AT 1400 UTC IN A LEAD TIME OF 180 MINUTES):-

RAINFALL UP TO 10 MM OBSERVED OVER ISOLATED PLACES OF N COTL AP (.)

RAINFALL UP TO 5 MM OBSERVED OVER NW NIK (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SE CHTGH E ORS NE JHRKND NW GWB N SHWB SKM ARUPR N ASSAM MANI & MIZO (.) ISOL TO SCT LOW/MED CLOUDS OVER SE JHRKND SW BHR SE ASSAM NAGA (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER KKN MRTHWD SE RAJ (.)SCT LOW/MED CLOUDS OVER S GUJ REST MAHA & GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SW TLNGN RYLSM COTL AP NIK SE SIK N TN (.) SCT LOW/MED CLOUDS OVER KER S TN LKSDP ANDAMAN & NICOBAR ILS (.)

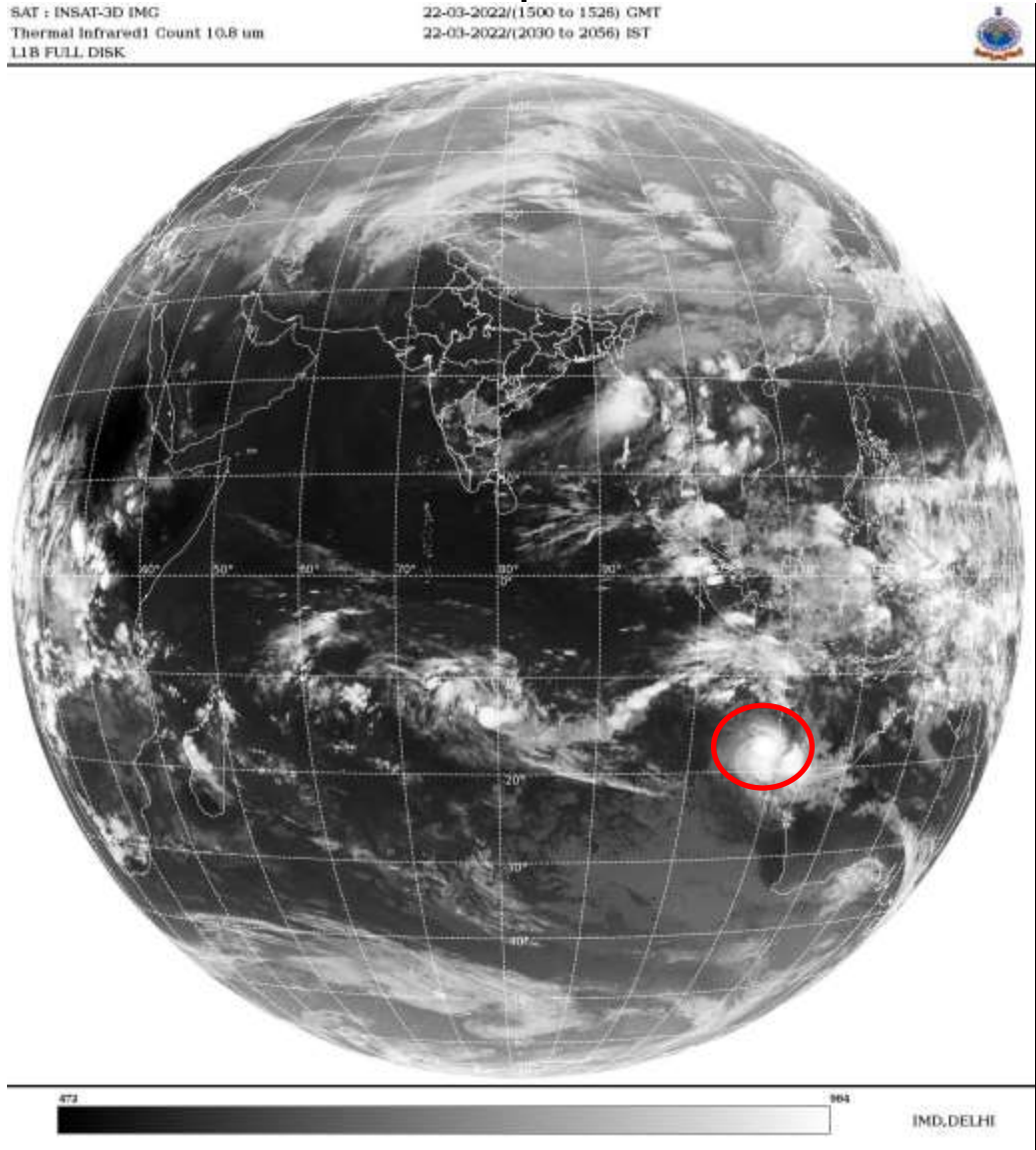
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONV TN OVER EC ARSEA OFF N MAHA COAST (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER N ANDAMAN SEA ADJ EC BAY BET LAT 14.5N TO 19.0N LONG 91.0E TO 95.0E (MINIMUM CTT MINUS 93 DEG C) (.)
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER SE BAY REST ANDAMAN SEA GULF OF MARTABAN ARAKAN COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:



VORTEX (CHARLOTTE) OVER SOUTH INDIAN OCEAN:-

VORTEX (**CHARLOTTE**) OVER SOUTH INDIAN OCEAN CENTERED NEAR **17.8S / 109.3E** (.)
INTENSITY **T4.5/5.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN
OVER AREA BET LAT 15.5S TO 21.0S LONG 106.5E TO 113.5E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER S SRILANKA N TIBET
CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR
OF MALACCA MALAYSIA BORNEO S CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA S
PHILIPPINES YELLOW SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN
OCEAN BET LAT 5.0S TO 22.0S LONG 54.0E TO 118.0E (.)

TOO 22/2145 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH OR 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
	UTRKN	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