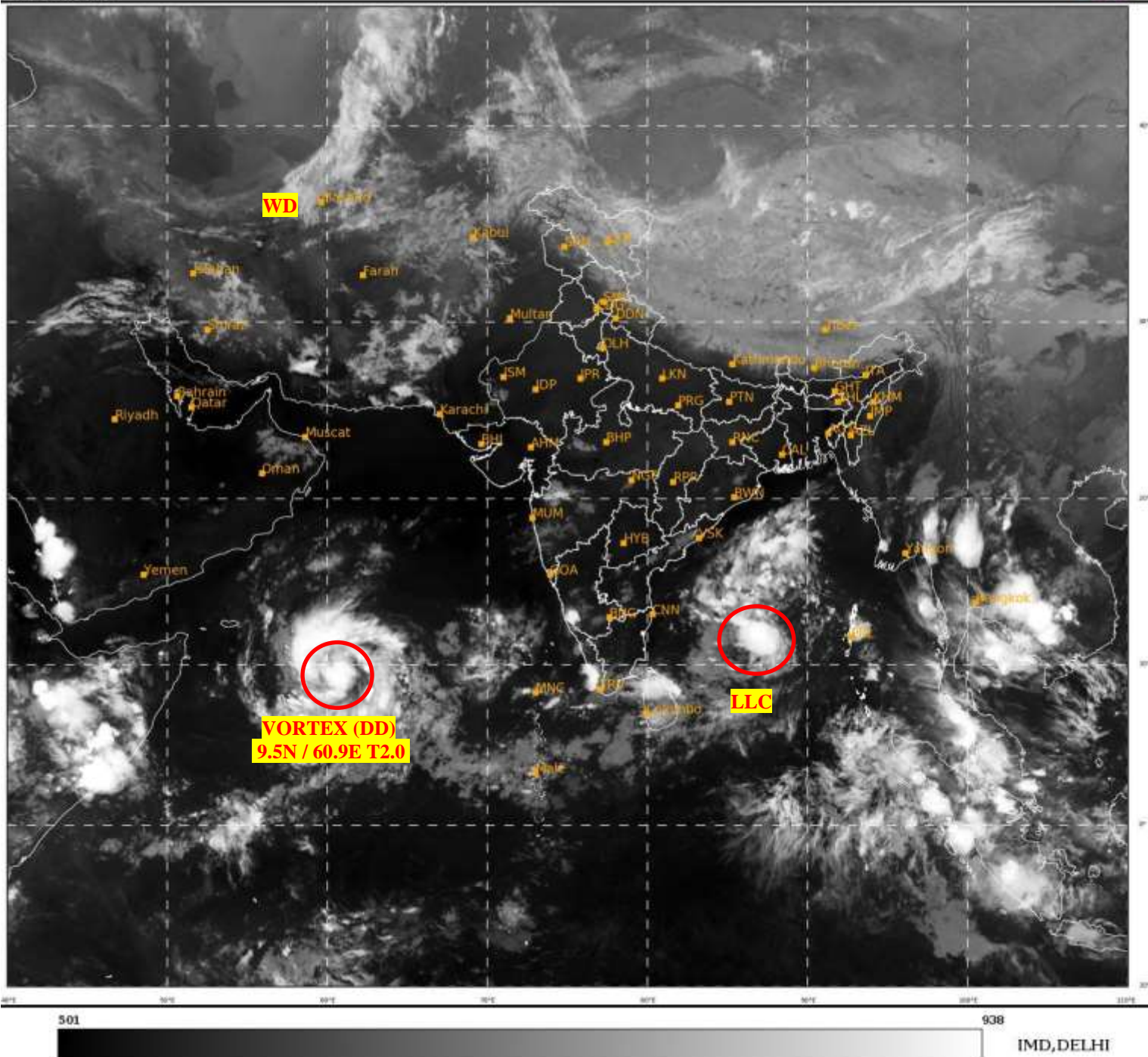




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
20.10.2023 TIME 1500 UTC

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

20-10-2023/(1500 to 1526) GMT
20-10-2023/(2030 to 2056) IST



TCIN50 DEMS 201500

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 201500 UTC (.)

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

SALIENT FEATURES:-

VORTEX (DD) OVER SOUTH-WEST ARSEA & N/HOOD:-

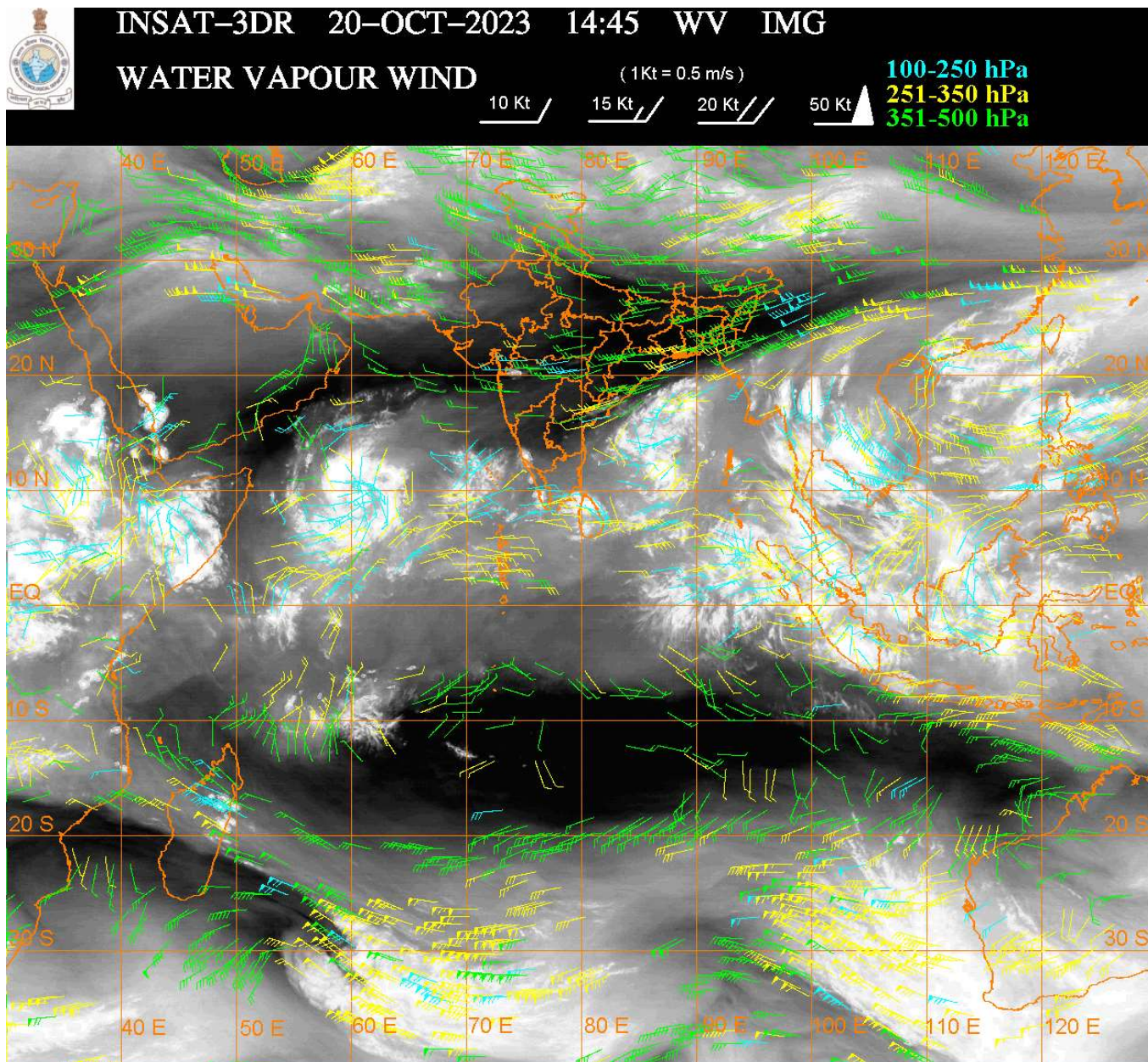
VORTEX (DD) OVER SW ARSEA & N/HOOD AND NOW LAY CENTERED WITHIN HALF A DEGREE OF **9.5N / 60.9E** (.) INTENSITY **T2.0/2.0** (.) MAXIMUM SUSTAINED SURFACE WINDS (MSW) OF **28-33 KTS** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH WEST ARSEA BET LAT 6.0N TO 13.0N LONG 57.5E TO 65.0.E (.) MINIMUM **CTT MINUS 91 DEG CEL** (.)

LLC OVER SE ADJ SW BAY AND N/HOOD:-

LOW LEVEL CIRCULATION (**LLC**) OVER SE ADJ SW BAY AND N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY BET LAT 10.0N TO 18.0N LONG 83.0E TO 90.5E (.) MINIMUM **CTT MINUS 85 DEG CEL** (.)

WESTERN DISTURBANCE (WD):-

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



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER CHTGH ORS N SHWB MEGHA NAGA MANI (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER NORTH MADHYA MAHA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SW RAJ SW MP (.) SCT LOW/MED CLOUDS OVER REST MAHA (.)

SOUTH:-

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

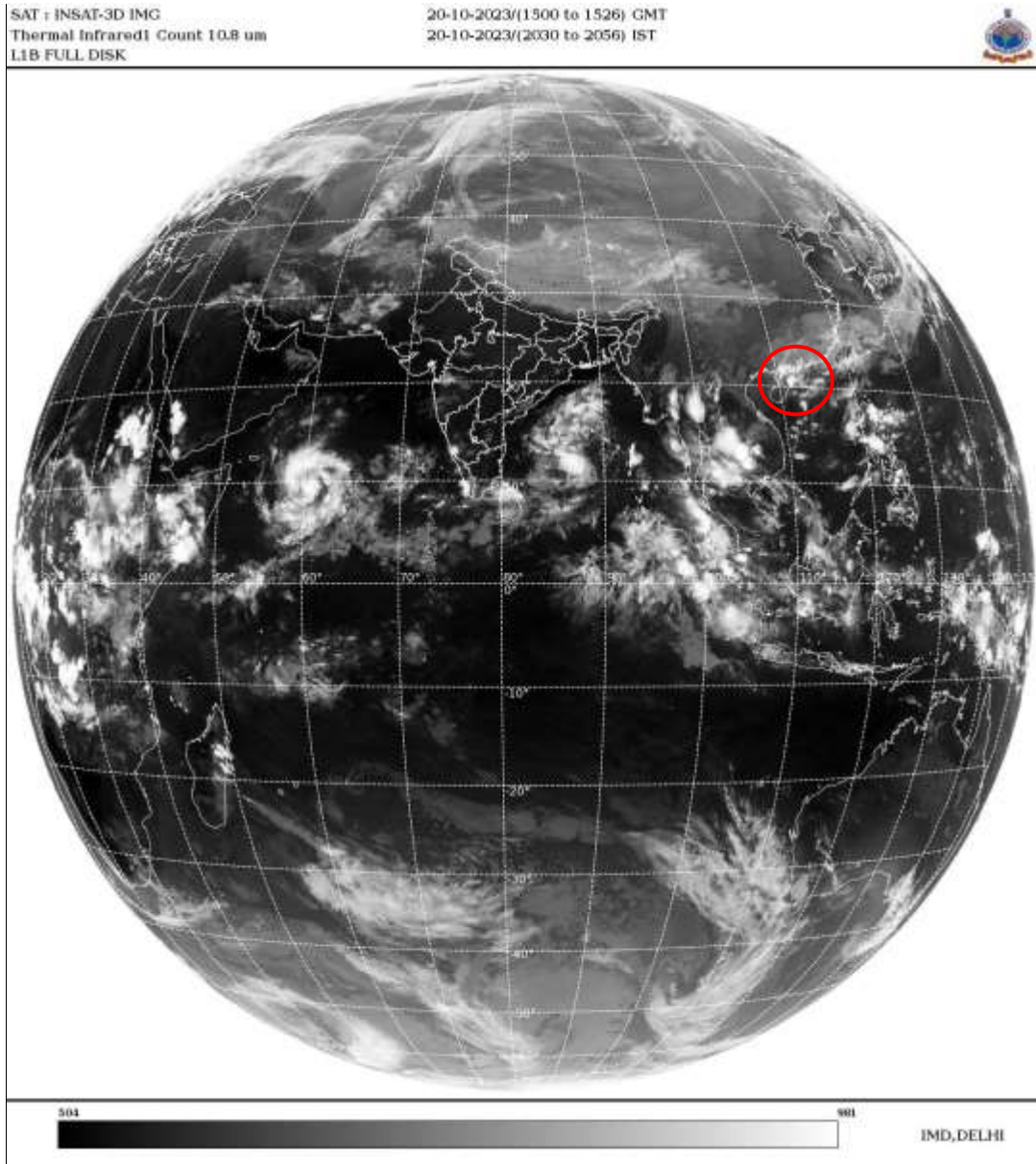
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW ADJ WC ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EC & SE ARSEA LKSDP ILS AREA AND COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MOD CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL & SOUTH BAY AND TENASSERIM COAST (.) SCT LOW/MOD CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH PARTS OF NW BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (SANBA) OVER SOUTH CHINA SEA:-

VORTEX (SANBA) OVER SOUTH CHINA SEA (AREA F05) CENTERED NEAR 20.2N / 108.9E (.) INTENSITY T1.5/2.5 (.) CORRESPONDING MAXIMUM SUSTAINED SURFACE WINDS OF 17-27 KTS (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER AREA BET LAT 18.5N TO 24.0N LONG 110.0E TO 117.0E AND TAIWAN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK TIBET CHINA EAST CHINA SEA TAIWAN S 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 AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 45.0E TO 75.0E AND BET LAT 5.0N TO 7.0S LONG 75.0E TO 104.0E (.)

TOO 20/2140 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 CONV TN	WEAK CONVECTION (CTT GREATER THAN -25°C)	
	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)	
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)	
	V INT CONV TN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)	
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES	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