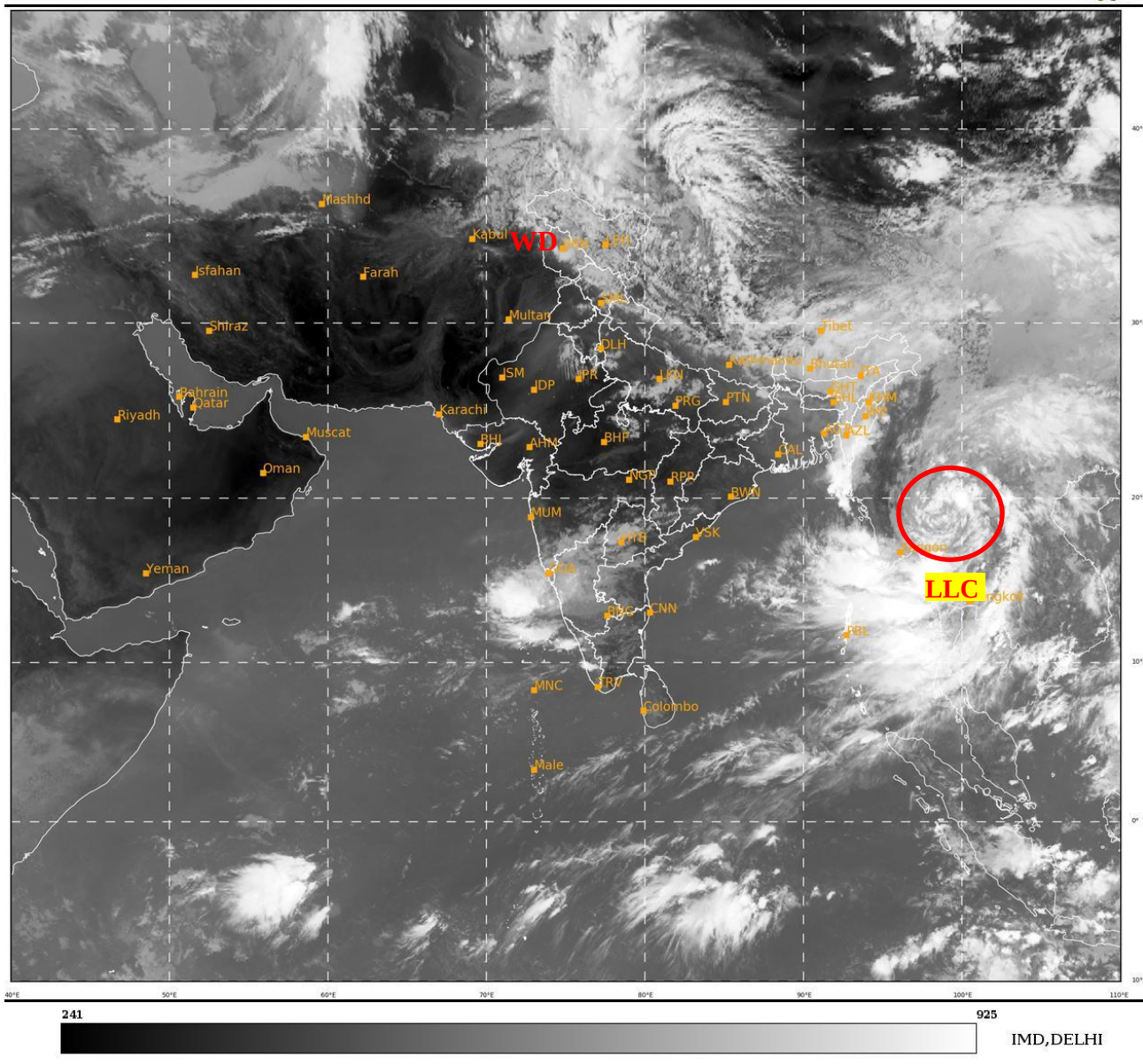




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.05.2022 TIME 0600 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
L1C Mercator

21-05-2022/(0600 to 0626) GMT
21-05-2022/(1130 to 1156) IST



TCIN50 DEMS 210600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210600 UTC (.)

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

SALIENT FEATURES:-

LOW LEVEL CIRCULATION OVER NORTH-WEST THAILAND ADJ MYANMAR:-

LLC OVER NORTH-WEST THAILAND ADJ MYANMAR (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH MYANMAR THAILAND ARAKAN COAST EC BAY NORTH ANDAMAN SEA GULF OF MARTABAN AND TENASSERIM COAST (MINIMUM CTT MINUS **93** DEG C) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXT N PAK LADAKH J&K HP E PJB HARY NC RAJ DLH UP UTRKND NEPAL TIBET ADJ CHINA AND N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM/ CONVECTIVE ACTIVITY:-

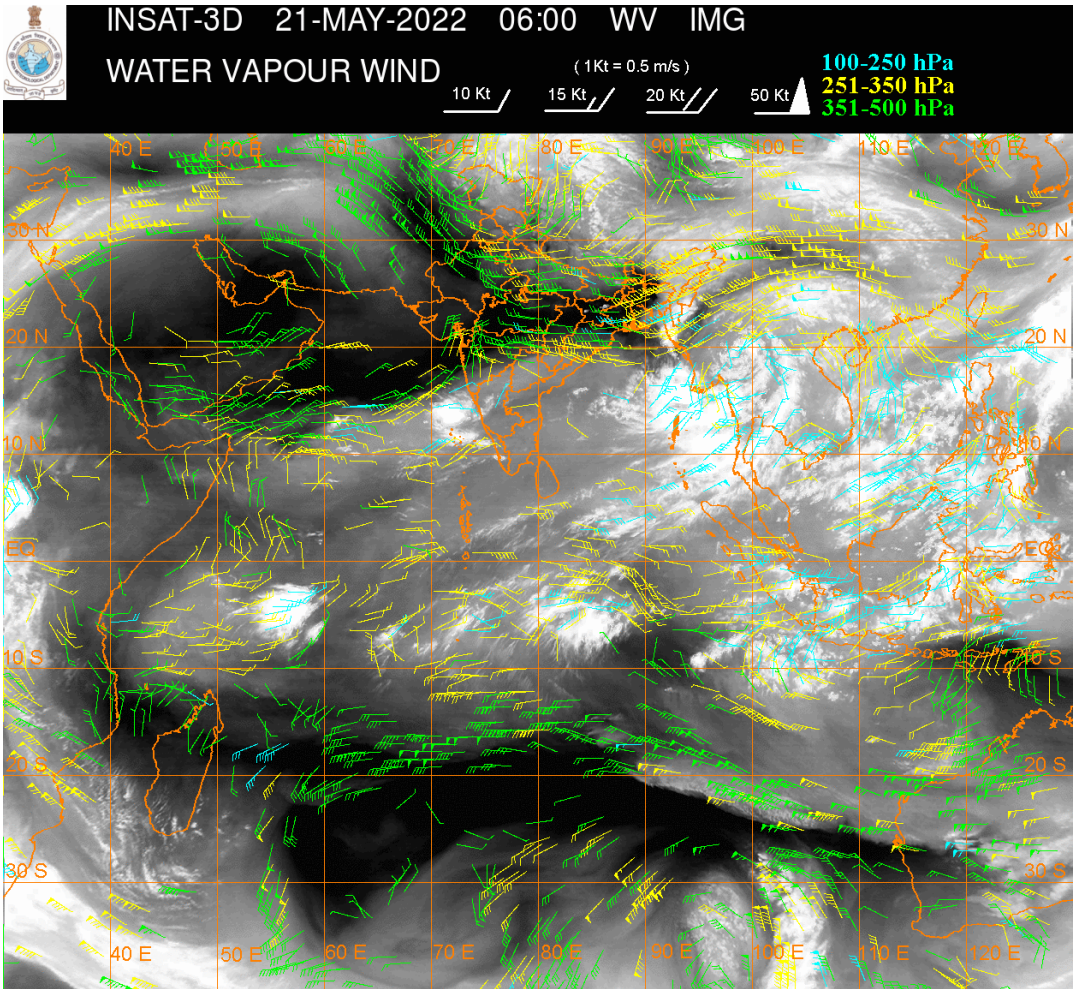
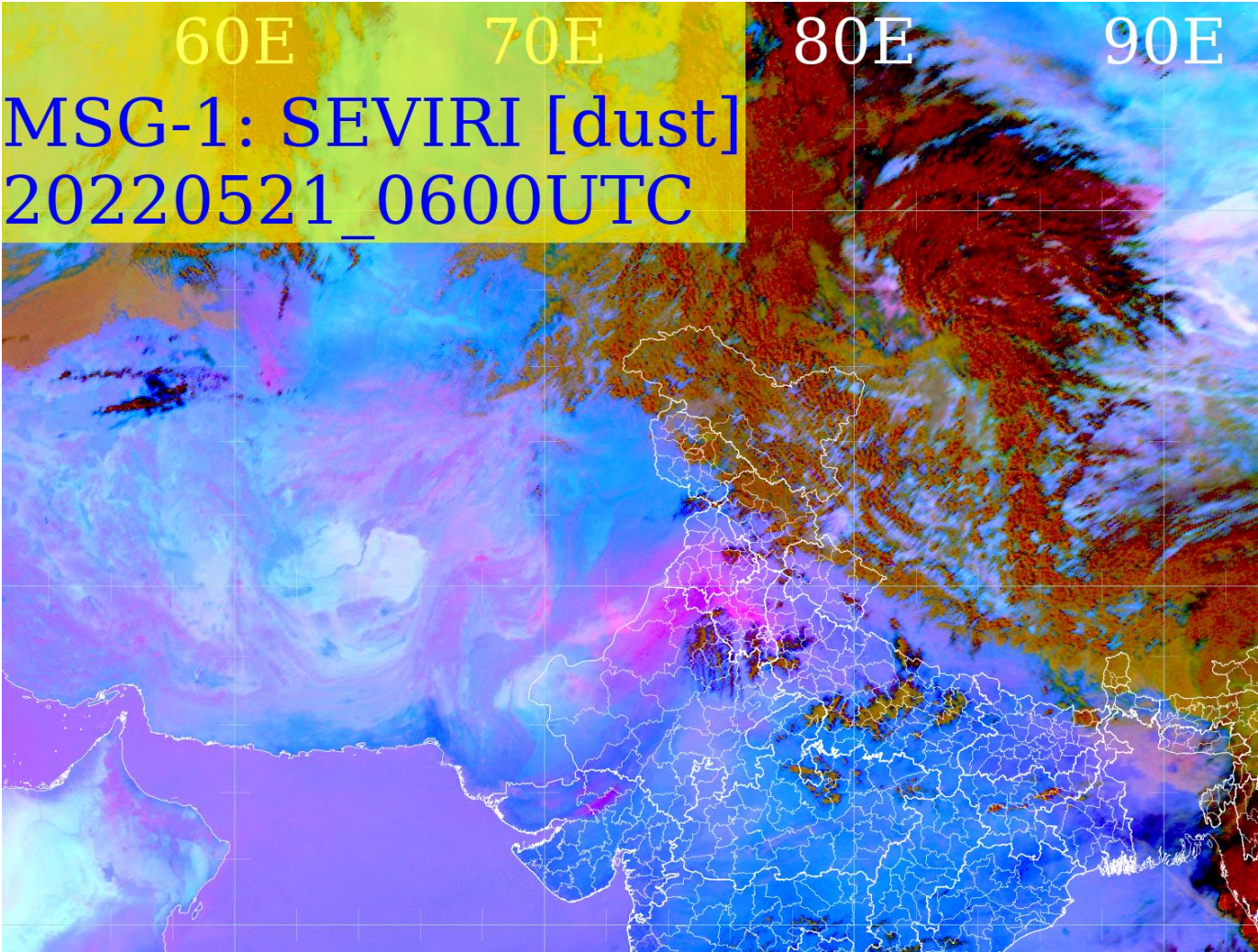
THUNDERSTORM/CONVECTIVE ACTIVITIES OBSERVED OVER LADAKH HP N UTRKND NC RAJ N MP N JHRKND NE STATES COTL KRNTK NIK N SIK KER LKSDP ILS AREA ANDAMAN & NICOBAR ILS (.)

DUST:-

METEOSAT-8 RGB DUST PRODUCT AT 0600 UTC INDICATES DUST OVER PAK ADJ PJB W RAJ N GUJ NE RAJ HARY DLH AND NW UP (.)

PRECIPITATION NOWCASTING:-
(BASED ON SCOPE NOWCASTING TOOL AT 0600 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-

RAINFALL UPTO **15-20 MM** LIKELY OVER LKSDP ILS AREA (.)
RAINFALL UPTO **5-10 MM** LIKELY OVER ARUPR C & E ASSAM S KER (.)
RAINFALL UPTO **0.5-5 MM** LIKELY OVER NE BHR ADJ SHWB N NAGA EXT S MIZO NW SIK N C COTL KRNTK ANDAMAN ILS (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND
E PJB HARY UP (.) SCT LOW/MED CLOUDS OVER DLH (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE JHRKND (MINIMUM
CTT MINUS 71 DEG C) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN
OVER E ARUPR E ASSAM NAGA MANI MIZO AND WK TO MOD CONVTN OVER NE BHR WC
JHRKND S CHTGH SW ORS NW GWB SHWB SKM (.) SCT LOW/MED CLOUDS OVER NW BHR N
CHTGH REST ORS E GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER NC RAJ N MP S VID MRTHWD
SOUTH MADHYA MAHA S KKN GOA (.) SCT LOW/MED CLOUDS OVER SE MP GUJ REST MAHA
(.)

SOUTH:-

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

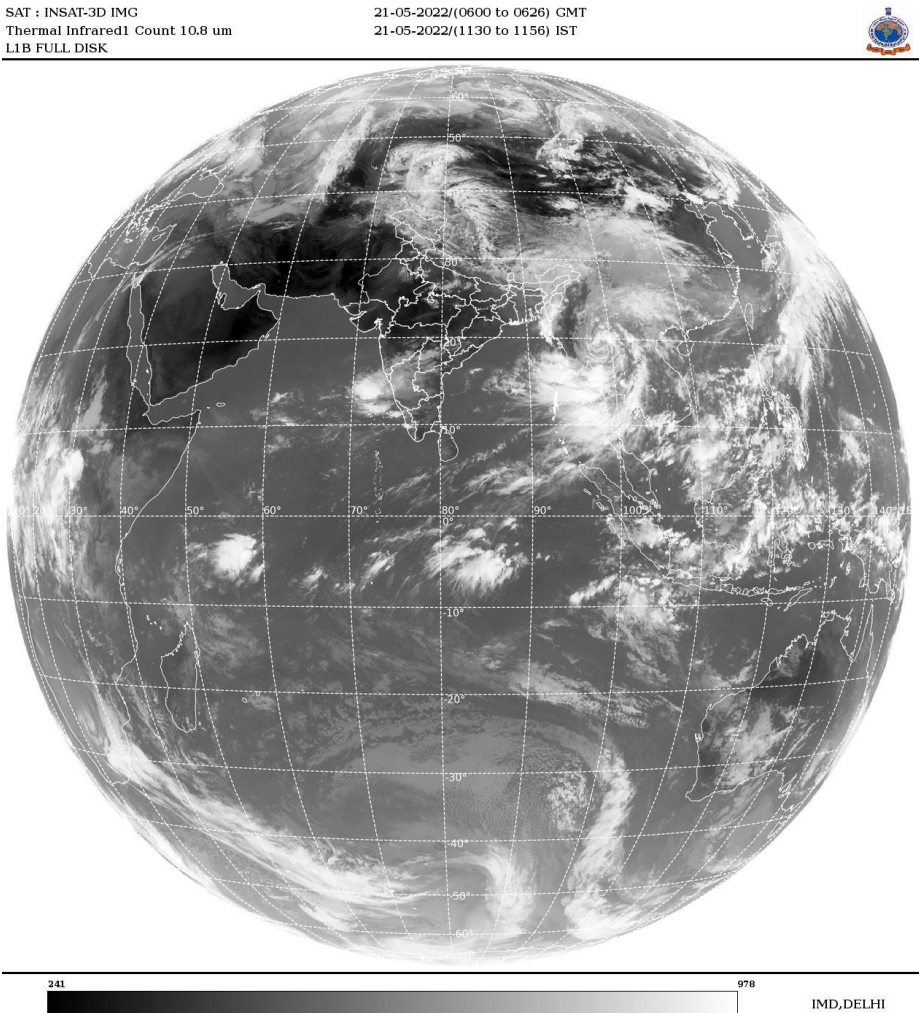
ARABIAN SEA:-

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

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE & EC BAY
ARAKAN COAST ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (MINIMUM
CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER
WC & SE BAY AND WK TO MOD CONVTN OVER SW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT N PAK NEPAL BHUTAN TIBET CHINA E CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA S MADAGASCAR S MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 50.0E TO 110.0E (.)

TOO 21/1250 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
	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