



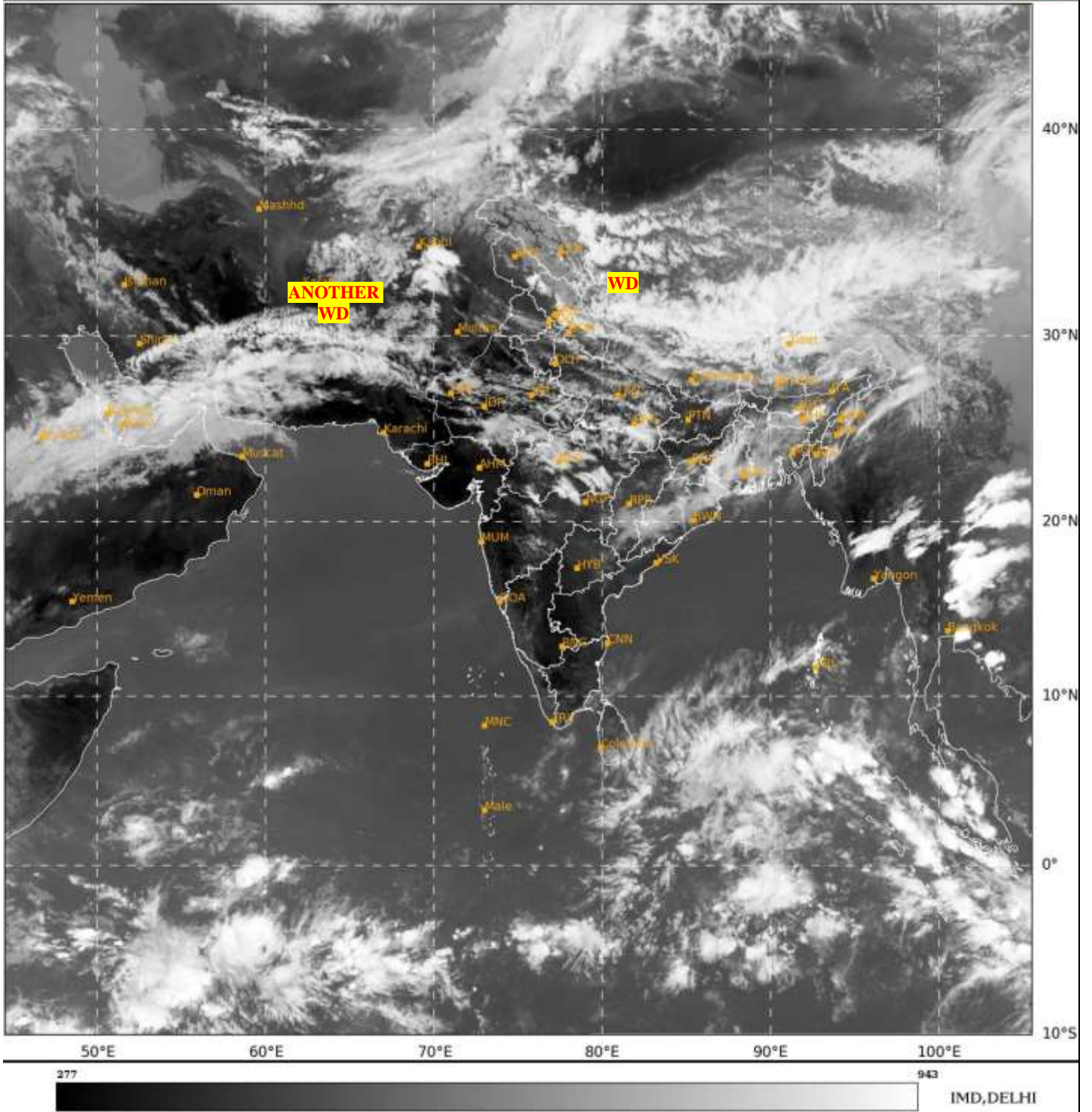
भारत मौसम विज्ञान विभाग
 पृथ्वी विज्ञान मंत्रालय
 India Meteorological Department
 Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
 IMAGERIES AND PRODUCTS**
09.04.2024 TIME 0900 UTC

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

09-04-2024/(0900 to 0926) GMT
 09-04-2024/(1430 to 1456) IST



TCIN50 DEMS 090900

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 090900 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

SALIENT FEATURES:-

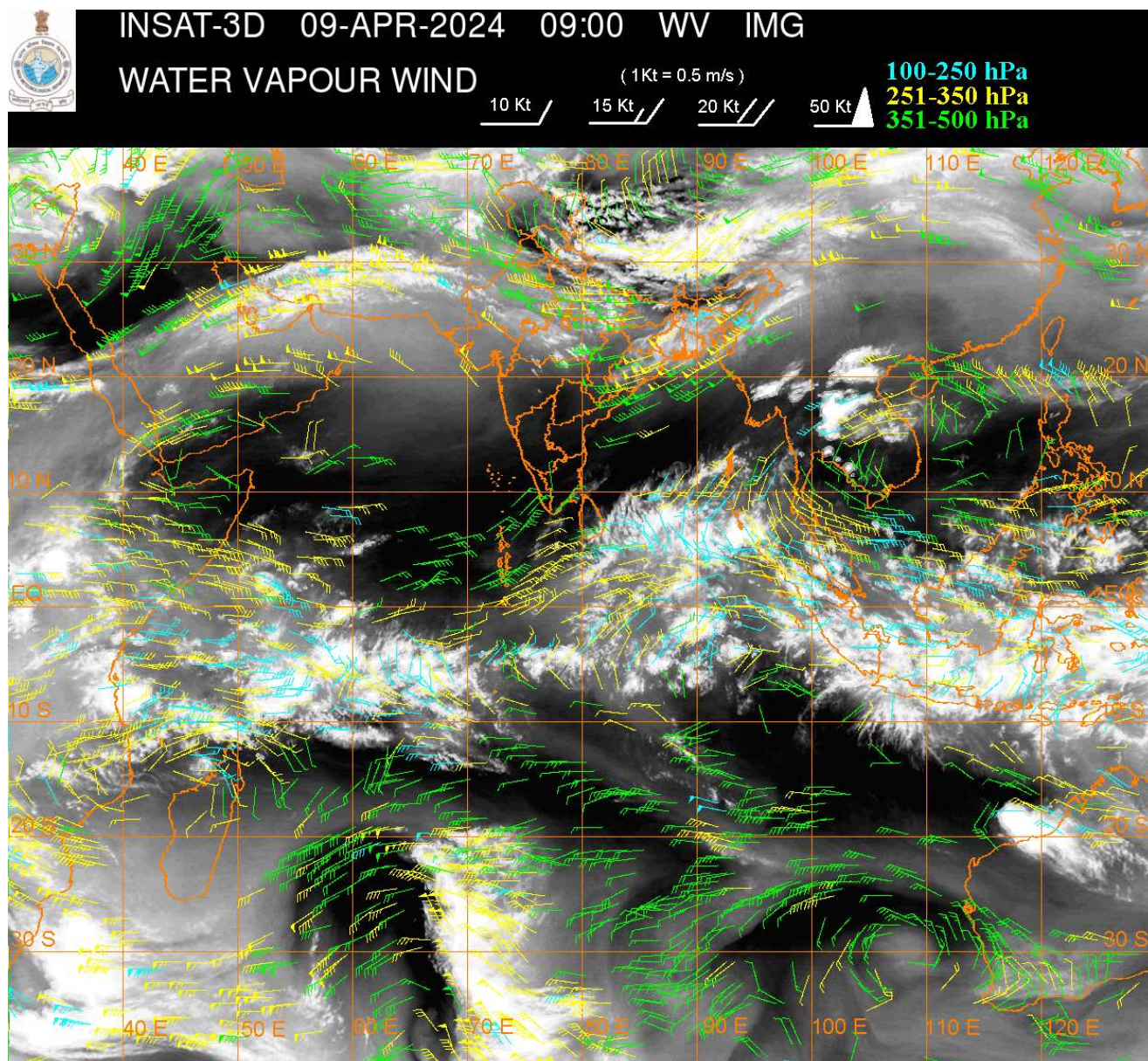
WESTERN DISTURBANCE:-

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

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

THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE TO VERY INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OVER NICOBAR ILS (MINIMUM **CTT MINUS 90 DEG CEL**) S MP (MINIMUM **CTT MINUS 85 DEG CEL**) (.) MODERATE TO INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OVER EAST LADAKH EXT S J&K NW & E HP N UTRKND MEGHA CENTRAL ASSAM ARUPR (MINIMUM **CTT MINUS 55-60 DEG CEL**) UP N MP NW VID ORS GWB (MINIMUM **CTT MINUS 45-50 DEG CEL**) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E LADAKH EXT S J&K NW & E HP N UTRKND UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST LADAKH S UTRKND PJB HARY (.) SCT LOW/MED CLOUDS OVER REST J&K REST HP DLH (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE BHR E JHRKND N ORS GWB MEGHA CENTRAL ASSAM ARUPR (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST BHR W JHRKND CHTGH S ORS SHWB SKM REST NE STATES & BD (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S MP (MINIMUM **CTT MINUS 85 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N MP NW VID AND WK TO MOD CONVTN OVER RAJ MRTHWD REST VID (.) SCT LOW/MED CLOUDS OVER NW & E GUJ MADHYA MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NICOBAR ILS (MINIMUM **CTT MINUS 90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER ANDAMAN ILS (.) SCT LOW/MED CLOUDS OVER KRNTK TLNGN RYLSM COTL AP KER TN LKSDP ILS AREA (.)

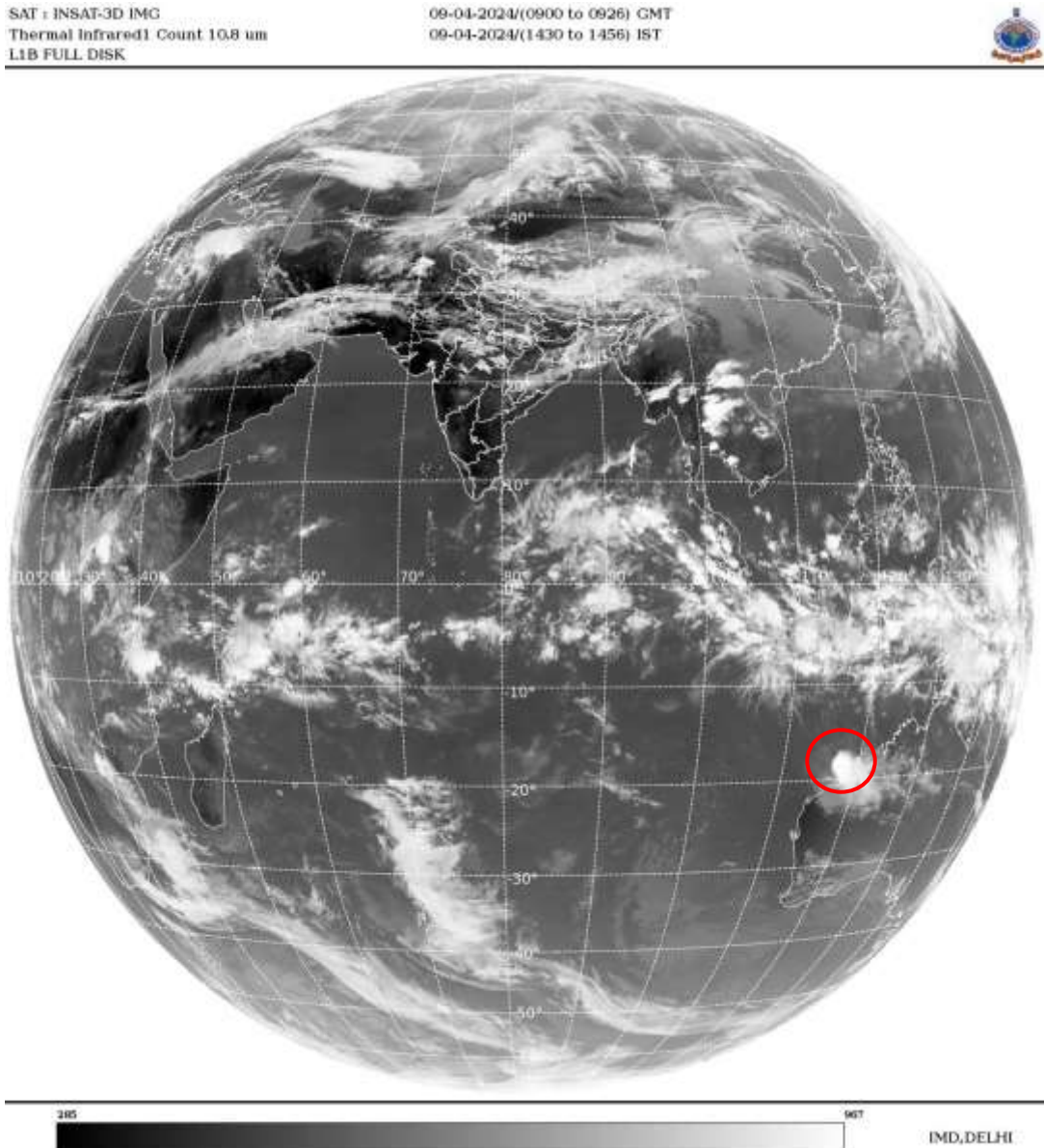
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA COMORIN AREA AND ISOL WK TO MOD CONVTN OVER EXT NW ARSEA WC ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY ADJ EQUATORIAL INDIAN OCEAN AND S ANDAMAN SEA (MINIMUM **CTT MINUS 93 DEG CEL**) (.)
SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST SOUTH BAY AND ISOL WK TO MOD CONVTN OVER NORTH BAY N ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (OLGA) OVER SOUTH INDIAN OCEAN:-

VORTEX (**OLGA**) OVER SOUTH INDIAN OCEAN (**AREA G30**) CENTERED NEAR **17.9S / 116.4E** (.)
INTENSITY **T2.5/2.5** (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF **34-47 KTS** (.) ASSTD
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 17.0S TO
22.0S LONG 116.0E TO 122.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRI LANKA PAK NEPAL
BHUTAN TIBET CHINA YELLOW SEA MYANMAR THAILAND CAMBODIA LAOS N VIETNAM
SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA
CELEBES ILS & SEA S PHILIPPINES SULU SEA MOZAMBIQUE CHANNEL AND OVER INDIAN
OCEAN BET LAT 5.0N TO 15.0S LONG 40.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 65.0E
TO 80.0E (.)

TOO 09/1540 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 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 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