





NDBs	QRG	CAN	HWA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	NDBs
		NS		AZ	AZ	CA	CO	IL	IL	MI	MO	MT	NH	NJ	NV	TX	TX	WA			
		vm	mx	bc	sr	ha	ac	dt	fy	l9	dp	sf	jc	ge	p7	ch	du	so			
1	198.0			1						1											1
3	200.0					1															3
8	201.0			1	2			3	5												8
3	203.0					3			2												3
4	204.0				1			1	1												4
2	205.0																				2
6	206.0	1		1		2	2	4		1											6
3	207.0	1				1		2													3
1	208.0				1			1													1
7	209.0	1			2	1		2													7
1	210.0																				1
6	212.0	1			3	2	2	4		2	5	2	1	1	1			3	1		6
1	213.0	1																			1
5	214.0			1	1			1	2		3	1	1	1			1	2	1		5
3	215.0					1		3	3		3	1						2			3
4	216.0	1			1			1	1		1	1	1	1				2	1		4
4	218.0			2	2	1	1	2	2	1	2	1	1	1	1			1	2		4
6	219.0	1			1			1	1		4	2	3	1	1			3	1		6
5	220.0	1		1		1	1	1	1	1	1	1	1					3			5
7	221.0		1		1	1	1	1	4		5	2	2								7
1	222.0					1		1			1	1									1
5	223.0		1	1	2			1	2		1	2	1	2	1	1		2	1		5
5	224.0	1		1	2	1	3	2	2	2	1	2	1	2				3			5
3	225.0					2	1	2	2		2	2	2					2	1		3
8	227.0		1	2	2	1	2	5	1	1	5	2	2					1	2		8
1	229.0					1															1
10	230.0	2		1	3		3	4			7	1	2	2	1		4	1			10
1	231.0							1			1		1								1
1	232.0	1			1						1							1			1
9	233.0		1	1	5	3	4	5		1	3	4	2				3	1			9
2	234.0	1		1	1		1	1			1										2
2	235.0	1		1	2	1	1	2			2							2			2
6	236.0			1	2		2	5			5	2	1	1			1	4	1		6
2	237.0	1											1								2
1	238.0						1						1								1
6	239.0		1		2	1	2	3	1	1	4	2	2					1			6
4	240.0				1	1		1	1		1	1	1	2				2			4
3	241.0				2		2	2			2	2	2					3			3
6	242.0			2	3		2	2			4	2	3		1			3	1		6
1	243.0	1				1	1	1			1	1	1		1			1			1
2	244.0		1		1	1	1	1			1	1	1					1			2
11	245.0				2	2	3	3	2	4	4	1	5	2		2	4	4			11
2	246.0					1		1			1	1						1			2
1	247.0			1	1		1	1			1	1	1					1			1
7	248.0		1	1	3		2	6	1	2	2	2	1	2	1	1					7
4	250.0				1	1	1	3		2	2	1						3	1		4
7	251.0			2	2		3	4	2	1	4	2	1		2	2	5	2			7
1	252.0								1				1					1			1
3	253.0				2		2	2	2	2	3	1	1		1		1				3
7	254.0		1		2		3	3	1		2	2	2	2	1		4	2			7
1	255.0			1	1						1										1
2	256.0										1	1						1			2
11	257.0		1	1	4	3	5	8	2	2	7	4	3	1	2	1	6	2			11
1	258.0	1	1	1	1		1	1			1	1	1	1	1	1	1	1			1
8	260.0	1		1	1		2	2			3	1	1	1	1		1				8
3	261.0										1	1	1	1				1			3
10	263.0	1			3	1	4	4	2	3	5	1	3	1	1		5	1			10
1	264.0				1	1	1				1	1						1			1
1	265.0										1										1
10	266.0	1	1	1	4	4	3	2	2		5	5	1		1		3	1			10
1	267.0			1	1						1										1
2	268.0	1					2	1			3	1		1				1			2
6	269.0		1		1	1	3	3		3	5	2						3			6
2	270.0	1						1	1		1							1			2
1	271.0										1										1
11	272.0				2	1	6	6	3	2	8	1	2	1			5	1			11
1	273.0						1				1										1
4	274.0		1	1	2	1	2	1		1	4	2	1		1		2	1			4
9	275.0			1	1	1	4	4	1		7	3	2	1	1		3				9
5	276.0			1	3		1	1		1	3	2	1				2				5
3	277.0					1	2	1		1	1							1			3
7	278.0			2	3	2	1	3	2	2	3	2	4	1		1		1			7
3	279.0	1						2	1		1		2								3
3	280.0	1				1	2	1	1		2	1			1		2				3
5	281.0	1			1	1	1	3			1		2								5
1	282.0						1	1			1										1
2	283.0				1	1	1	1		1					1		1	1			2
4	284.0			1	2	1	1	2	1	2	3	1	1				1	2			4
1	284.5				1																1
2	285.0																				2
1	286.0																				1
3	287.0		1		3	1	3	2			3	3					2	1			3
1	289.0				1					1	1			1							1
4	290.0			3	3	1	3	3		1	4	2		2			1	1			4
1	291.0										1										1
1	292.0				1	1	1	1	1		1	1					1	1			1
4	293.0	1		1	1	3	3	2	1		3	2	1		1		1	1			4
1	295.0					1	1				1	1						1			1
2	296.0			1	1	1		1			1	1						1			2
2	298.0	1					1	1	1									1			2
2	299.0				1	1	1	2	1	1	2	1		1							2
3	300.0	1			1		2	1			1	1						3	1		3
3	302.0	1			1	2	2	1			1	1			1			2	1		3
2	304.0	1					1				1	1						1			2
5	305.0		1	1	3	3	3	2		1	3	2		1		1	2	3			5
1	308.0					1	1	1			1						1	1			1
1	309.0	1			1		1	1	1	1	1			1							1
2	311.0						2	1			2										2
1	312.0		1	1	1	1	1	1			1				1		1				1
4	314.0	1	1				1	2			2					1					4
2	315.0	1						2	1		2							1			2



220.0	RBJ	"Robles" Tucson	AZ	USA	bc	1859
407.0	CHD	Chandler	AZ	USA	bc	1901
385.0	MR	"Munso" Monterey	CA	USA	bc	0553
397.0	SB	"Petis" San Bernardino	CA	USA	bc	0603
329.0	HMA	Hondo	TX	USA	bc	0529
341.0	YCS	Chesterfield Inlet	NU	CAN	ch	0501
326.0	YQK	Kenora	ON	CAN	ch	0403
257.0	DT	"Pinck" Denton	TX	USA	ch	2000
328.0	5J	Coronation	AB	CAN	dp	0754
376.0	K2	Olds-Didsbury	AB	CAN	dp	0345
414.0	8M	Elk Point	AB	CAN	dp	1136
352.0	BVG	"Boll Weevil" Enterprise	AL	USA	dp	0833
418.0	EL	"Lados" El Dorado	AR	USA	dp	1239
394.0	DQ	Dawson Creek	BC	CAN	dp	0823
316.0	FF	"Pecat" Peachtree City	GA	USA	dp	0629
323.0	OUK	Calhoun	GA	USA	dp	0636
388.0	MD	"Cabbii" Carbondale / Murphysboro	IL	USA	dp	1528
400.0	SLO	Salem	IL	USA	dp	1614
407.0	CM	"Veals" Champaign / Urbana	IL	USA	dp	1714
341.0	OW	"Higuy" Owensboro	KY	USA	dp	0818
368.0	EU	"Murey" Murray	KY	USA	dp	1519
212.0	HP	"Anger" Hammond	LA	USA	dp	0829
375.0	LF	"Laffs" Lafayette	LA	USA	dp	0839
221.0	HS	"Hanco" Bay Saint Louis	MS	USA	dp	0626
260.0	GHJ	"Stonia" Gastonia	NC	USA	dp	0827
332.0	HK	"Tawba" Hickory	NC	USA	dp	0036
393.0	FGP	Fort Bragg	NC	USA	dp	0822
204.0	YFY	Forby - Iqaluit	NU	CAN	dp	0619
290.0	YH	Taloyoak	NU	CAN	dp	0708
350.0	RB	Resolute Bay	NU	CAN	dp	2325
400.0	AI	"Addmo" Ardmore	OK	USA	dp	0221
239.0	5Q	Fontanges	QC	CAN	dp	0645
244.0	DG	Chute Des Passes	QC	CAN	dp	0613
266.0	ZMM	"Mirabel" Colomban (Montreal)	QC	CAN	dp	0645
272.0	ZMR	"Mirabel" Montreal	QC	CAN	dp	0530
275.0	R1	Theftord Mines	QC	CAN	dp	0534
317.0	ZMX	Janvier / Mirabel (Montreal)	QC	CAN	dp	0630
365.0	DYB	"Dorchester Co" Summerville	SC	USA	dp	0847
201.0	GV	"Major" Greenville	TX	USA	dp	0120
350.0	LF	"Fluffy" Lufkin	TX	USA	dp	0831
368.0	AN	"Alamo" San Antonio	TX	USA	dp	0157
388.0	PK	"Versi" parkersburg	WV	USA	dp	0039
338.0	TT	"Stutt" Stuttgart	AR	USA	dt	2352
391.0	EFW	Jefferson	IA	USA	dt	2048
260.0	JYG	St James	MN	USA	dt	0036
341.0	ORB	Orr	MN	USA	dt	0028
227.0	FZ	"Eaves" St. Louis	MO	USA	dt	1825
233.0	AZN	"Amazon" St. Joseph	MO	USA	dt	1824
248.0	CG	"Dutch" Cape Girardeau	MO	USA	dt	1830
260.0	ST	"Tario" Saint Joseph	MO	USA	dt	1823
250.0	YMH	Mary's Harbour	NL	CAN	dt	2345
230.0	ZUC	Ignace	ON	CAN	dt	1421
343.0	ZBM	Bromont	QC	CAN	dt	2338
356.0	YBG	Bagotville	QC	CAN	dt	2335
362.0	SC	Sherbrooke	QC	CAN	dt	2335
221.0	RP	"Wickr" Rice Lake Airport, Carl's Field	WI	USA	dt	1618
272.0	LS	"Mindl" La Crosse	WI	USA	dt	2107
329.0	X2	Athabasca	AB	CAN	du	0720
343.0	YZH	Slave Lake	AB	CAN	du	0755
251.0	DB	"Creke" Dublin	GA	USA	du	0618
263.0	MOQ	Mc Intosh Fort Stewart	GA	USA	du	0411
369.0	CXU	Camilla	GA	USA	du	0149
261.0	OA	"Ellas" Jacksonville	NC	USA	du	0354
224.0	BK	Baker Lake	NU	CAN	du	0813
241.0	YGT	Igloolik	NU	CAN	du	0427
245.0	CB	Cambridge Bay	NU	CAN	du	0723
334.0	YSH	"Smiths Falls" Montague	ON	CAN	du	0744
355.0	YWP	Webequie	ON	CAN	du	0849
330.0	SJ	Patty	PR	PTR	du	0803
216.0	ME	Matane	QC	CAN	du	0137
276.0	YHR	Chevery	QC	CAN	du	0224
285.0	UHA	Quaqtaq	QC	CAN	du	0709
358.0	YKG	Kangiqsujuaq	QC	CAN	du	0724
220.0	DCM	Chester	SC	USA	du	0017
362.0	CA	"Murry" Columbia	SC	USA	du	0331
214.0	CHX	Choix (Sinaloa)	MEX	du	0458	
240.0	TIR	Tiros (PA)	BRA	du	0610	
246.0	IBL	Isabela	GAL	du	0250	
250.0	STR	Santa Rosa	EQA	du	0509	
280.0	SOL	"Chongon" Guayaquil (Guayas)	EQA	du	0503	
285.0	DOU	Dourados (MS)	BRA	du	0804	
300.0	UGT	Guantanamo (Guantanamo)	CUB	du	0411	
340.0	PTP	Ponta Pora (MS)	BRA	du	0334	
350.0	LPZ	La Paz	BOL	du	0732	
355.0	SNO	Santo Domingo	CHL	du	0836	
360.0	JAC	Jacare-a-Canga (PA)	BRA	du	0818	
362.0	GND	"Port Salines" Grand Anse	GRD	du	0851	
370.0	AYA	Ayacucho	PRU	du	0716	
382.0	TRI	"Piarco" Port of Spain	TRD	du	0330	
400.0	GJM	Guajara (RO)	BRA	du	0834	
418.0	TLC	Tulcan (Carchi)	EQA	du	0716	
344.0	JA	"Dinns" Jacksonville	FL	USA	fy	0615
360.0	PI	"Capok" St Petersburg / Clearwater	FL	USA	fy	0613
395.0	CWV	Claxton	GA	USA	fy	0251
404.0	BMW	"Barrow Co" Winder	GA	USA	fy	0351
397.0	AIT	Aitkin	MN	USA	fy	0430
379.0	YPQ	Peterborough	ON	CAN	fy	0320
382.0	7P	Iroquois Falls	ON	CAN	fy	0320
382.0	XU	London	ON	CAN	fy	0319
388.0	H7	Manitoulin East (Manitowaning)	ON	CAN	fy	0319
393.0	2M	Opapimiskan Lake (Musselwhite Mine)	ON	CAN	fy	0318
408.0	SN	"St. Catharines" Saint Catharines	ON	CAN	fy	0315
409.0	YTA	Pembroke	ON	CAN	fy	0314
332.0	YFM	La Grande 4	QC	CAN	fy	0340
390.0	VP	Kuujuuaq / Kujack	QC	CAN	fy	0223
401.0	Y8	Drummondville	QC	CAN	fy	0330
239.0	TN	"Tribe" Menominee	WI	USA	fy	0205
356.0	RCX	"Rusk County" Ladysmith	WI	USA	fy	0208
399.0	UP	Upernavik (Kitaa)	GRL	fy	0315	
397.0	ZST	"Alpine" Saint John	NB	CAN	ge	0032
275.0	BBN	Babylon	NY	USA	ge	0201
366.0	IS	"Lokks" Islip	NY	USA	ge	0207
400.0	FO	"Squir" Westhampton Beach	NY	USA	ge	0146
407.0	FR	"Frikk" Farmingdale	NY	USA	ge	0211
515.0	OS	"Fuler" Columbus	OH	USA	ge	0221
229.0	AKW	Klawock	AK	ALS	ha	0748

277.0	ACE	"Kachemak" Homer	AK	ALS	ha	0856
293.0	MB	"Mill Bay" Victoria	BC	CAN	ha	0148
391.0	TK	Telkwa (Smithers)	BC	CAN	ha	0848
414.0	YZK	Harper Ranch (Kamloops)	BC	CAN	ha	0912
203.0	TCY	Tracy	CA	USA	ha	0408
389.0	TW	"Strik" Twin Falls	ID	USA	ha	0329
245.0	FS	"Rokky" Sioux Falls	SD	USA	ha	0827
275.0	RF	"Gilmy" Rockford	IL	USA	jc	0135
210.0	I0B	Mount Sterling	KY	USA	jc	0245
227.0	TAN	Taunton	MA	USA	jc	0125
279.0	CQX	"Nausee" Chatham	MA	USA	jc	0128
362.0	FM	Falmouth "OTIS"	MA	USA	jc	0121
365.0	FIT	Fitchburg	MA	USA	jc	0114
368.0	IMR	Marshfield	MA	USA	jc	0115
389.0	PVC	Provincetown	MA	USA	jc	0117
397.0	OW	"Stoge" Norwood	MA	USA	jc	0118
223.0	DAA	"Davee" Fort Belvoir	MD	USA	jc	0238
240.0	LE	"Lewie" Auburn (Lewiston)	ME	USA	jc	0132
278.0	PQ	"Excal" Presque Isle	ME	USA	jc	0134
348.0	BUP	"Burnham" Pittsfield	ME	USA	jc	0134
356.0	SUH	"Sprucehead" Rockland	ME	USA	jc	0137
366.0	AU	"Dunns" Augusta	ME	USA	jc	0140
276.0	IS	"Stals" Kinston	NC	USA	jc	0408
281.0	IL	"Airlt" Wilmington	NC	USA	jc	0412
317.0	IN	"Reeno" Winston Salem	NC	USA	jc	0413
209.0	MJ	Lawrence Corner	NH	USA	jc	0106
216.0	CO	"Epsom" Concord	NH	USA	jc	0106
209.0	GF	"Ganse" Glens Falls	NY	USA	jc	0106
266.0	IT	"Vrnah" Ithaca	NY	USA	jc	0206
278.0	MS	"Misse" Massena	NY	USA	jc	0211
329.0	IA	"Kathi" Niagara Falls	NY	USA	jc	1053
332.0	BG	"Smite" Binghamton	NY	USA	jc	0217
358.0	OG	"Ogive" Ogdensburg	NY	USA	jc	0219
359.0	MS	"Monga" Monticello	NY	USA	jc	0219
395.0	SL	"Briel" Saranac Lake	NY	USA	jc	0220
204.0	MD	"Enola" Harrisburg	PA	USA	jc	0144
209.0	SYS	"Stoystown" Somerset	PA	USA	jc	0227
219.0	CX	"Latle" Harrisburg	PA	USA	jc	0227
239.0	GIW	"Coronaca" Greenwood	SC	USA	jc	0218
341.0	HVS	Hartsville	SC	USA	jc	1000
233.0	HEM	"Huchn" Sparta	TN	USA	jc	0154
242.0	MMI	"Mc Minn Co." Athens	TN	USA	jc	0133
263.0	DYQ	"Dulaney" Greenville	TN	USA	jc	0202
341.0	CQN	"Daisy" Chattanooga	TN	USA	jc	0259
346.0	JXT	"Jefferson" Morristown	TN	USA	jc	0246
394.0	MKL	"Mersy" Jackson	TN	USA	jc	0243
237.0	EZF	"Shannon" Fredericksburg	VA	USA	jc	1002
245.0	LUA	"Caverns" Luray	VA	USA	jc	0156
326.0	BKT	Blackstone	VA	USA	jc	0335
351.0	MSQ	Culpeper	VA	USA	jc	1002
367.0	FXV	Farmville	VA	USA	jc	1004
375.0	SH	"Staut" Staunton / Waynesboro / Harrisonburg	VA	USA	jc	1005
385.0	LY	"Bojar" Evington	VA	USA	jc	0957
346.0	LW	"Bushl" Lewisburg	WV	USA	jc	0243
326.0	VV	Warton	ON	CAN	lg	2034
314.0	SPY	Saint Paul Island	AK	ALS	mx	1614
347.0	TNC	Tin City	AK	ALS	mx	1252
356.0	HHM	"Hotham" Kotzebue	AK	ALS	mx	1248
404.0	GCR	"Glacier River" Cordova	AK	ALS	mx	1141
269.0	ZW	Teslin	YT	CAN	mx	0805
260.0	YSQ	Atlin	BC	CAN	p7	0500
257.0	HCY	Cowley	WY	USA	p7	0334
344.0	POY	Powell	WY	USA	p7	0632
221.0	9A	Hanna	AB	CAN	sf	0301
256.0	EB	"Namao" Edmonton	AB	CAN	sf	0411
341.0	ELF	"Effee" Cold Bay	AK	ALS	sf	1218
396.0	CMJ	"Clam Cove" Ketchikan	AK	ALS	sf	1158
261.0	D6	Fairmont Hot Springs	BC	CAN	sf	0429
209.0	ITR	"Kit Carson" Burlington	CO	USA	sf	0234
335.0	IHS	"Ironhorse" Fort Carson	CO	USA	sf	0638
286.0	EKS	"Big Sky" Ennis	MT	USA	sf	0527
516.0	YWA	Petawawa	ON	CAN	sf	0336
251.0	OSE	"Oscarville" Bethel	AK	ALS	so	1344
284.0	FHR	Friday Harbor	WA	USA	so	2330
209.0	CYT	Yakataga	AK	ALS	sr	0718
385.0	EHM	Cape Newenham	AK	ALS	sr	0815
201.0	ZWN	"Downs" Winnipeg (Snowhill)	MB	CAN	sr	0535
362.0	OWP	"William Pogue" Sand Springs	OK	USA	sr	0302
284.5	MH	Manihi Atoll (Tuamotu Archipelago)	TUA	sr	0804	
316.0	MAJ	Majuro Atoll (Dalap Island)	MHL	sr	0929	
343.0	ML	Minami Tori Shima	MTS	sr	1003	
352.0	RG	Nikau (Rarotonga Island)	OKS	sr	0810	
437.0	OG	Okha	RSE	sr	0926	
234.0	7H	Marystown	NL	CAN	vm	0827
237.0	7C	Fogo	NL	CAN	vm	0827
346.0	1D	Charlottetown	NL	CAN	vm	0507
350.0	F2	Searose FPSO / Grand Banks	NL	CAN	vm	0240
338.0	5Y	Trenton	NS	CAN	vm	0700
341.0	GF	Aylesford (Greenwood)	NS	CAN	vm	1000
385.0	ZNS	"Midtown" Halifax	NS	CAN	vm	1001
219.0	W7	"Pabok" Du Rocher-Pierce	QC	CAN	vm	0818
314.0	GH	Nuuk (Godthab) (Kitaa)	GRL	vm	2300	
331.0	SC	Santa Cruz Das Flores	AZR	vm	2312	
337.0	MY	Myggenaes	FRO	vm	1155	
338.0	PST	Porto Santo / Ilheu De Baixo	MDR	vm	1946	
339.0	UAM	Santiago De Cuba	CUB	vm	0400	
341.0	SM	Sisimiut	GRL	vm	0817	
345.0	CSD	Daouarat	MRC	vm	2323	
351.0	PD	Ponta Delgada	AZR	vm	2311	
359.0	NA	Narsarsuaq (Kitaa)	GRL	vm	2300	
360.0	HT	Horta / Faial Island	AZR	vm	0242	
367.0	JV	Ilulissat (Jakobshavn) (Kitaa)	GRL	vm	0818	
375.0	VM	Vestmannaeyar	ISL	vm	1158	
377.0	DA	Kulusuk (Tunu)	GRL	vm	0703	
380.0	FIL	Horta / Faial Island	AZR	vm	2044	
382.0	LAR	Arruda	POR	vm	0400	
386.0	SP	St. Pierre	SPM	vm	0834	
391.0	MA	Manitsiq (Kitaa)	GRL	vm	2229	
392.0	KF	Keflavik	ISL	vm	0057	
395.0	B	Bilbao	ESP	vm	0103	
420.0	PI	Madalena / Pico Island	AZR	vm	0626	
421.0	GE	Madrid / Grinon	ESP	vm	0113	
428.0	GC	Santa Cruz de Graciosa	AZR	vm	2322	
433.0	JER	Jerez	ESP	vm	0116	
433.0	VON	Vigo	ESP	vm	2139	

**FREQUENCIES REVISITED - Progress Statistics**

(Please see the explanation below)

**THEN** CLE201 - 190 - 1740 kHz - 23.12.2015 - 31.12.2015  
**NOW** CLE239 - 190 - 1740 kHz - 25.12.2018 - 02.01.2019

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CAN, NS vm	1405	1980	107	152	76	77	5610	5500
HWA mx	5958	5421	203	233	34	43	10768	9423
USA, AZ bc	1427	1841	127	217	89	118	5097	4694
USA, AZ sr	1478	2688	174	675	118	251	4572	10096
USA, CO ac	1189	1627	159	408	134	251	5245	5377
USA, MO dp	839	1353	142	625	169	462	3271	6551
USA, MT sf	1071	1463	162	304	151	208	4836	5337
USA, NH jc	951	1073	98	199	103	186	5678	4051
USA, NJ ge	684	996	37	65	54	65	2830	4176
USA, TX ch	1493	1960	176	125	118	64	4365	4956
USA, TX du	3673	2449	235	615	64	251	7704	7719
USA, WA so	1119	1519	124	156	111	103	5970	5970
<b>Averages:</b>	1774	2031	145	315	102	173	5496	6154
<b>% Increase:</b>		14		117		70		12

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
USA, CA ha	2200		288		131		5857	
USA, IL dt	1165		376		323		4582	
USA, IL fy	1067		244		229		4921	
USA, MI i9	969		163		168		4460	
USA, NV p7	2096		134		64		5661	
<b>Averages:</b>	1499		241		183		5096	
<b>% Increase:</b>								

Av. km = Average distance from listener to NDB for all their loggings  
 Total km = Sum of distances from listener to NDBs for all their loggings  
 NDBs = Number of NDBs logged  
 Max km = Maximum distance from listener to an NDB logged  
 (UNIDs are not included)

**Explanation:**

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The upper table shows statistics for listeners who took part in both the events. The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

CLE239\_Results\_RoW.xls  
 je - 05.01.2019