

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, via Kiwi-SDR at 'Slatina, West Bohemia', CZE (rCZEsl / JN69gw)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
HOL	rb	Roelof Bakker, Middelburg, Zealand
ITA	ado	Andrea Dalbagno, Gazzadina
ITA	dac	Dario C., Castronno
ITA	wb	William G Buchanan, Alessandria
SCT	bc	Bob Coomler, via Kiwi-SDR at 'Clashmore', SCT (rSCTcm / IO78hf)
SCT	ds	David Atkins, Tighnabruaich, Argyll
SCT	prk	Peter Reuderink, via Kiwi-SDR at 'Clashmore', SCT (rSCTcm / IO78hf)
SWE	vm	Vernon Matheson, via Kiwi-SDR at 'Karbäcken', SWE (rSWEkn / JP74uh)

The basic task was 'Try to build a size 10 pyramid with a size 10 aerial on top with loggings from a different country at each level in the pyramid and in its aerial.. or larger and higher!'

PYRAMIDS SUMMARY:

This first table summarises each listener's results - aerial height, pyramid size and the radio countries chosen at each level.

EXPLANATION:

Two countries are shown
(like **AUT|HRV**) where they
both had the same number
of loggings.

In some cases the size of the
aerial had to be changed due to
multiple loggings per ITU.

Also the size of the Pyramid
had to be changed where a
certain level was not met.

Level	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm
Aerial Height	10	23	30	22	13	16	24	10	41	14	10	10	14	16	18	10
Pyramid Size	10	17	30	22	12	15	24	9	21	15	10	10	13	16	18	10
2	DNK	ALG	TJK	MKD	ESP	ISL LBY	IRN	SWE	NL IRN	BAL	HNG	MNE	WLS	IRL	LTU	AUT
3	LTU		CNR	BAL	BEL		NL	ESP	NU	LBY	MKD	SVN	BEL NL	RUS	QC	ISL
4	RUS	BAL MNE	BLR	BIH	SRB	MRC	FIN	SRB	MRC	HNG	BUL	BUL	DNK	SVK	NL	FIN
5	HNG	BUL	MRC	BUL	DNK	ALG	AZR	HRV NOR	LBY	BUL	SWE	BIH	ESP	DNK	GRL	POL
6	BIH	NOR	GRC	XOE	AUT HRV	AUT	BUL		BUL	SWE	BIH	ROU	NU IRL	SRB	DNK	SCT
7	HRV	ESP	BIH	DNK		SVK	MRC	RUS	ALG	ALG		DEU	SCT	ROU	XOE	DEU
8	DEU	AUT	HNG	SCT	SWE	NOR	TUR	DEU	AUT	ESP	AUT	HRV	FRA	ISL	IRL	RUS
9	SRB	SVK	IRL	AUT	SCT	ROU	ALG	ENG FRA	DEU	AUT	SRB SVK	FRA		SCT	ESP	NOR
10	SWE	CZE	ALG	SVK	DEU	SWE	LBY		ENG	SVK	ROU	SRB	DEU	HRV	NU	SWE
11		ROU	XOE	ESP	NOR	ESP	RSE		SCT	ROU			ISL	NOR	SCT	
12		SRB	POL	POL	FRA	ENG	SVK		SVK	SRB			ENG	ESP	RUS	
13		HRV	SCT	NOR	ENG	SRB	SCT		FRA	HRV			NOR	DEU	DEU	
14		DEU	CZE	CZE		HRV	ENG		ESP	DEU			SWE	ENG	NOR	
15		SWE	IRN	SRB		DEU	DEU		SRB	FRA				SWE	FRA	

16			FRA	LB	ENG		FRA	FRA		ROU					FRA	ENG	
17			RUS	UKR	HRV			ESP		ISL						SWE	
18				ISL	ROU			SWE		HRV						ISL	
19				SRB	DEU			ISL		SWE							
20				HRV	RUS			SRB		NOR							
21				ROU	SWE			ROU		RUS							
22				ESP	FRA			HRV									
23				RSE				NOR									
24				DEU				RUS									
25				ENG													
26				NOR													
27				FRA													
28				SWE													
29				TUR													
30				RUS													
31																	
Level	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm	

COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm	Total
ALG	Algeria		2	10			5	9	1	7	7	1	1		1			11
AUT	Austria		8		9	6	6		1	8	9	8		1		1	2	9
AZE	Azerbaijan			1				1		1								1
AZR	Azores			1	1			5		1				1		1		5
BAL	Balearic Islands	1	4	1	3		1		1	1	2	1	1					5
BEL	Belgium		1		1	3				1				3				3
BIH	Bosnia-Herzegovina	6	1	7	4	1	1			1		6	5			1		7
BLR	Belarus		1	4				1										4
BRI	Bear Island (Bjornoya)			1	1			1		1				1		1	1	1
BUL	Bulgaria		5	1	5	1	1	6	1	6	5	4	4					6
CAN	Canada, NL			1	1		1	3		2				3	1	4		4
CAN	Canada, NS															1		1
CAN	Canada, NU			1	1			1		3				6		10		11
CAN	Canada, ON															1		1
CAN	Canada, QC															3		3
CEU	Ceuta			1			1	1		1								1
CNR	Canary Islands			3			1	1	1	1	1				1	1		3
COR	Corsica		1				1	1		1		1	1					1
CYP	Cyprus							1										1
CZE	Czechia		10	14	14		1			1			1	1	1		1	17
DEU	Germany	8	14	24	19	10	15	15	8	9	14		7	10	13	13	7	34
DNK	Denmark	2	1		7	5			1	1				4	5	6	1	7
ENG	England		1	25	16	13	12	14	9	10	1			12	14	16		33
ESP	Spain	1	7	22	11	2	11	17	3	14	8			5	12	9		28
FIN	Finland	1	1	1	1		1	4		1						1	4	5
FRA	France		16	27	22	12	16	16	9	13	15		9	8	16	15	1	62
FRO	Faroe Islands			1	1			1		1				1	1	1		2
GEO	Georgia		1	1				1		1					1			2
GRC	Greece			6			1				1							7
GRL	Greenland			1	1		1	1	1	1				1		5	1	5
GSY	Guernsey			1	1	1				1	1			1		1		1
HNG	Hungary	5	1	8	1		1			1	4	2						8

HOL	Netherlands								1					1			1	
HRV	Croatia	7	13	20	17	6	14	22	5	18	13		8		10	1	23	
IOM	Isle Of Man				1					1					1		1	
IRL	Ireland	1		9	1	1				1				6	2	8	10	
IRN	Iran	1	1	15				2		2		1					17	
ISL	Iceland			18	1	1	2	19		17				11	8	18	24	
ITA	Italy		1		1		1	1		1		1					1	
JOR	Jordan			1				1									1	
JSY	Jersey				1	1				1						1	1	
KAL	Kalinigrad	1	1		1		1			1	1			1			3	
LBY	Libya		1	16			2	10		5	3	1				1	16	
LTU	Lithuania	3	1		1		1			1		1		1		2	3	
MEL	Melilla			1				1		1	1						1	
MKD	Macedonia	1	1	1	2			1		1		3	1		1		3	
MNE	Montenegro (Yugoslavia)	1	4	1				1		1			2		1		5	
MRC	Morocco			5		1	4	7		4	1				1	1	8	
NGR	Niger			1			1	1			1						1	
NIR	Northern Ireland			1	1					1				1		1	2	
NOR	Norway		6	26	13	11	8	23	5	20	1	1		13	11	14	34	
ORK	Orkney Islands			1						1				1		1	1	
POL	Poland		1	12	12	1			1	1			1	1		5	14	
POR	Portugal			1	1	1		1		1	1				1		2	
PTR	Puerto Rico, PR			1				1		1					1		1	
ROU	Romania		11	21	18	1	9	21	1	16	11	10	6		7		22	
RSE	Russia (Eastern)			23				11		1							25	
RUS	Russia (European)	4	17	30	20			24	7	21	1				3	12	85	
SAR	Sardinia			1	1			1		1		1	1				1	
SCT	Scotland		1	13	8	9		13		11	1			7	9	11	14	
SCY	Sicily		1	1				1		1	1				1		1	
SHE	Shetland Islands			1						1				1	1	1	1	
SRB	Serbia (Yugoslavia)	9	12	19	15	4	13	20	4	15	12	9	10		6		22	
SVB	Svalbard															1	1	
SVK	Slovakia		9		10	1	7	12		12	10	9			4		12	
SVN	Slovenia		1		1					1			3		1		4	
SWE	Sweden	10	15	28	21	8	10	18	2	19	6	5	1	14	15	17	58	
SYR	Syria			1													1	
TJK	Tajikistan			2				1									2	
TKM	Turkmenistan			1													1	
TUR	Turkey		1	29				8		1	1	1					31	
UKR	Ukraine		1	17				1									17	
UZB	Uzbekistan			1													1	
WLS	Wales	1	1		1	1			1	1				2		1	2	
XOA	Int Waters: Asia			1													1	
XOE	Int Waters: Europe	1		11	6	1				1			1	1		7	12	
XOF	Int Waters: Africa		1	1				1		1			1				1	
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm	Total

LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm
00:00 - 00:59		1	17	53	34		11	2	14	107			5			18
01:00 - 01:59			114	99	3		3		3					103		7
02:00 - 02:59			7	18	1	150	11		118				3	48		7

03:00 - 03:59	1		7	34			7		14							
04:00 - 04:59			4	4			3		41							
05:00 - 05:59			5	8			1		5							
06:00 - 06:59			4	2			3						2		5	
07:00 - 07:59				1											11	
08:00 - 08:59															10	
09:00 - 09:59															11	
10:00 - 10:59															1	
11:00 - 11:59					13											
12:00 - 12:59					10		65									
13:00 - 13:59		2													2	1
14:00 - 14:59		1	6												8	
15:00 - 15:59		2	21				1	2							12	1
16:00 - 16:59		15	5				3	12					1		23	
17:00 - 17:59		28	7		1		7	1							13	
18:00 - 18:59	11	4	9		2		1		15				35		21	
19:00 - 19:59	5	8	6		2		3		42				23		29	1
20:00 - 20:59	16	12	103		1		7	8	2				12		26	4
21:00 - 21:59	16	40	30	18			6	7	3				23		7	
22:00 - 22:59	14	40	20	16	1		8	7	3	26	66	29	11		5	3
23:00 - 23:59	1	23	129	21	34		183	23	13			9	19			22
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm
NDBs:	64	176	494	274	102	150	323	62	273	133	66	64	118	151	188	64

NDB COUNTS, BY FREQUENCY:

The number of NDBs logged by each reporter on each frequency and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm	NDBs
1	209.0															1		1
1	212.0			1												1		1
1	218.0															1		1
1	221.0															1		1
1	230.0		1															1
1	231.0		1		1		1	1		1	1							1
1	237.0							1		1				1		1		1
1	245.0															1		1
1	247.0							1								1		1
1	250.0							1		1				1		1		1
2	255.0			2	1			1			1					1		2
2	256.0			2	1			1		1				1		1		2
2	257.0			1										1		1		2
1	258.0		1	1														1
1	258.5			1				1										1
2	260.0			2														2
1	262.0		1	1	1				1								1	1
1	265.0		1	1	1	1	1	1					1					1
2	266.0		1	1	1		1	1			1	1				1		2
1	267.5		1	1	1			1			1	1						1
1	274.0			1				1										1
1	275.0						1	1		1								1
1	276.0			1														1
2	277.0				1		1		1							1	1	2
1	280.0			1														1
1	281.0			1	1		1	1		1				1	1	1		1

4	282.0		3			1									4
1	283.0		1			1									1
1	284.0	1		1		1		1	1	1					1
2	284.5	1	2				1		1						2
3	285.0	1	2												3
1	286.5						1								1
2	287.0		2												2
1	288.0		1												1
1	288.5				1		1								1
2	289.0	1	1	1	1	1		1			1				2
4	290.0		2	2		1						1			4
1	291.0		1												1
2	292.0		2		1	2	1	1	1			1	1		2
1	293.0		1		1	1			1						1
1	294.0														1
3	295.0	1	1	1					1	1			1		3
3	297.0		3	2	1	1		1	1	1		1			3
1	299.0		1												1
3	300.0		3	1		2		2		1					3
1	302.0		1												1
2	303.0	1	1	2	2			2	1	1		1	1		2
2	304.0		1			2									2
1	305.0												1		1
2	307.0		1	1											2
3	308.0		2		1										3
1	308.5					1									1
2	309.0											1			2
4	310.0		3		1	3		1			1		1		4
2	311.0	1	1	1	1	1	2		2					1	2
1	311.5			1											1
2	312.0												1		2
1	313.0			1				1		1					1
4	315.0		4		1	3		1		1					4
7	316.0	1	6	4	1	6	1	5		1	1	4	4	1	7
3	317.0		2	1		2		1							3
5	318.0	1	4	3	1	4	2	4	1	1		1	1	1	5
2	319.0		2			1		1				1	1		2
5	320.0		1	3	1	3	1	2	1	1		1	1		5
5	321.0		3	1	2	1	2	2				2	2	1	5
4	322.0		2	1		3		2			1	1	1		4
1	323.0		1			1	1								1
5	324.0			2		1		1				1	1	2	5
6	325.0	1	4	1		3	2	2			1	2	2		6
3	326.0	1	3			1		1				1	1		3
4	327.0	1	3			1	1	1				1	1		4
6	328.0	1	4	5	3	2	3	2				1	3	3	6
1	328.5		1	1				1						1	1
5	329.0		2	3	2	1	2	3				1	3	3	5
9	330.0	2	7	3		5	6	6	2	1		3	1	1	9
3	331.0		3	1	1		3	3				1	1	1	3
6	332.0		3	1		1	2	1	1			1	1		6
1	332.5			1	1	1							1		1
3	333.0		2	2		1	1						1		3
7	334.0	1	2	2	1		1	2	1			1	1	5	7
6	335.0	1	3	3			2	2	1			3	1	2	6
4	336.0		1	1			2	1		1		1	1	2	4
6	337.0	1	6	3	1	2	5	2	1	1	1	2	2	1	6

5	338.0		2	3	3	1	3	2	1	2	1	1		1			5
3	339.0		1	2	2	1	1	1	1					1		2	3
6	340.0	2	1	3	4	2	1	2	2	2	1	1	1	2	1	2	6
4	341.0		2	3	2	1	1	1		1				1	1	1	4
4	342.0	1	1	2				1		1	1	1		2	1	1	4
1	342.5			1		1	1				1			1	1	1	1
2	343.0	1		1		1		1	1	1				1	1	2	2
3	344.0		1	1	2	1	1	2	1	2		1	1	1	1	1	3
9	345.0		1	7	2	2	3	4		3	1		1	2	2	3	9
1	345.5			1	1									1		1	1
7	346.0	1	2	5			1	1		1				1	2	1	7
2	347.0			1	2	1		1	2	1				1	2	1	2
1	347.5			1	1	1		1	1	1							1
7	348.0		1	6	4	2	1	5		7	2	1		1	2	3	7
2	349.0	1	1	1	2		2	1		1	2	1	1	1	1	2	2
8	350.0	1	1	4	2	1	2	4		2	3	1	1	2	1	2	8
6	351.0		2	3	1	1	3	2		2	1	1		2	2	1	6
1	351.5			1	1		1	1							1	1	1
4	352.0	1		2	3		1	2		1	1			3	1		4
1	352.5				1	1			1					1			1
1	353.0			1	1										1		1
1	353.5				1												1
3	354.0		1	2	1				1		1			1	1	1	3
6	355.0	1		2	2	2	1	3		2	1	2	2	1	2	2	6
3	356.0		1	3	1	1		2		2	1			1	2	1	3
3	357.0		1	2	2	1		1		2	2	1		2	1	2	3
1	357.5	1		1	1							1	1				1
5	358.0		2	3	2	1		4		2	1	1		1	1	1	5
5	359.0		2	2	2	1				1	1		1	1	2	1	5
6	360.0		2	3	3		1	4		3	2	2	1	2	2	1	6
1	360.5		1			1								1			1
1	361.0			1						1				1		1	1
7	362.0			6	2	1		3		2				1	2	1	7
1	362.5			1										1			1
3	363.0	1	1	2		1		2			2	1		1	1		3
4	364.0			3				2		2	1		1	2	2	3	4
7	365.0	1	2	4	1	2		2		1	1		1	3	2	3	7
1	366.0			1													1
2	367.0		1			1									2		2
1	367.5			1	1												1
6	368.0	1	1	5	4	1		4		2	1		1	3	4	3	6
5	369.0		1	3	2			1	1	3			2	2	3	2	5
5	370.0		1	4	1			4		2	1	1			2		5
1	370.5	1				1						1					1
2	371.0	1	2	1	2		1	1		1	1	1		1	1	1	2
5	372.0	1	2	4	3		1	3	1	3	1		2		1	1	5
5	373.0			3	1			3		4		1	1	2	1	1	5
6	374.0		1	3	3	1		2		3	1	1		1	2		6
6	375.0		1	3	3	1	1	3		3		1	1	1	2	2	6
3	376.0			2	1		1	1		1				2	2	1	3
4	377.0		1	4				3		2				1	1	1	4
8	378.0	2	2	5	1	1		4		2	2		1	2	1	3	8
7	380.0		2	3	6	1	1	4		2	2	1		1	3	3	7
4	381.0		1	2	2	1	1	2	1	2	1	1		2	2	1	4
4	382.0			3	1			1		2	1			1	2		4
5	383.0	3		5	4	2	1			2	2	1			2		5
1	383.5			1						2	2	1		1	2		1

6	384.0		3	3	3	1		1		2	1		2	2	2		6
7	385.0	1	1	6	3		1	4		5	1		2	2	3	2	7
2	386.0			2	1			1					2	1	1		2
4	387.0		1	3	2	1		2		1			1	1	2		4
2	388.0	1		1	1	1			1						2		2
1	388.5	1	1							1			1		1		1
4	389.0		1	4	1	1		1	2	1	1			1	3		4
4	390.0		1	4	1		1	4		3		1	1	2		1	4
4	391.0		1	2	2			2		2	1	1	1	2			4
1	391.5			1									1	1			1
2	392.0			2				1		1				1			2
4	393.0		1	3	2	2	1	2	1	2			1	2	1	1	4
4	394.0	1	2	2	3	1		1		2	3	1		1	1	1	4
6	395.0		1	6	2			2		3	1			2		3	6
3	396.0		1	2	1	1	1	1	1	2	1	1		1	1		3
8	397.0	1	1	6	3		1	4		2	2	1	2	1	1	1	8
4	398.0	1	1	2	1	2			1		1				1	1	4
4	399.0		1	2	1			2	1	1	1	1	1			1	4
7	400.0		1	4	1	2	2	2		3			1		2	1	7
1	400.5				1	1								1			1
5	401.0		1	3	1		2	3		3	1		1	1	3	1	5
2	402.0		1	1												1	2
1	402.5			1			1	1						1			1
5	403.0	1	1	3			1	1							1	2	5
9	404.0		6	4	3	3	3	5	2	5	6	1	1	3	2	1	9
4	405.0	1	2	3	1		1	3		2	1	2	1				4
4	406.0			4	1			1		2	1			2	2	2	4
1	406.5	1		1		1	1				1		1		1	1	1
5	407.0	1	1	4		1	1	1		1	1	1		1	1	1	5
2	408.0			2			1	2									2
3	409.0			2	1	1	2	1	1	1	1						3
5	410.0		1	1	3	2	2	1		2	1	1		1	3	2	5
2	411.0		1	2				1		1			1				2
5	412.0	2	3	4	2		2	3		3	4	1			2		5
3	413.0			2			2	2		1	1				1		3
5	414.0	1	2	5	1		2	3		3	1			1	2	2	5
3	415.0			3			2	3		2	2			1	1	2	3
4	416.0	1	3	4	1		1	1	1	1	1	1	1		1	1	4
4	417.0	1	1	1	2	2	3	1		1	2	1	1		2	1	4
5	418.0	1	2	2	4		3	3	1	4	4	1	2		2		5
2	419.0	1	2		2	1	1								1	1	2
5	420.0	1	2	2	1	1	1	2		3	1	1	1	1	2	1	5
5	421.0	1	3	4	4	3	1	2		2	3	1		1	3	3	5
1	422.0			1	1		1	1		1	1				1		1
4	423.0	1		3	1	2	1	2	1	2	2	1	2	1	2	1	4
6	424.0			4	3	2	2	3	1	2	1			1	3	1	6
4	425.0	1	1	2	2	1	2	3		2	1	2	1		1		4
5	426.0		1	4	3	2	4	2	1	3	2	1	1	2	2	2	5
2	427.0			1	1			1		1				1		1	2
5	428.0		1	2	2	1	2	2	1	2	1		1	1	3	1	5
4	429.0		2	4	2	1	1	1	1	1					1		4
4	430.0				2		1	2		1					3		4
2	431.0		1	1	1			1					1		1	2	2
6	432.0	1	1	5	2			3		3	2	1	1		1	1	6
5	433.0	1		5	2	1	2	3	1	2			1	1	2	1	5
1	433.5			1	1										1		1
1	434.0		1	1	1									1			1

3	435.0	1	1	2	1		1	3		1	1		1		1		3
2	436.0	1	1	2	1						1	1					2
1	437.0			1	1							1					1
3	438.0		2		3		2	2		2	2	2		2			3
2	440.0			2				1									2
3	445.0	1	1	2	2	1							1		1		3
1	449.0		1														1
4	450.0		2	3	1			2		1	1		1				4
1	452.0			1													1
1	455.0							1		1							1
1	463.0									1			1				1
1	465.0			1													1
2	468.0	1	1	2	1		1	2		1	1		1				2
2	470.0	1	1	2	1	1	1	2	1	2	2		1				2
1	474.5			1	1												1
2	475.0		1	1				1									2
1	477.0		1				1	1		1	1	1					1
1	478.0																1
3	480.0		1	1				2							1		3
6	485.0		2	5		1	1	1	1	1							6
1	487.0			1				1		1							1
1	488.0			1	1	1				1				1			1
2	489.0		2		1	1	1								1		2
2	490.0		2	1	1	1	1	2	1	2	1	1	1				2
2	493.0		1	1				1		1							2
1	495.0		1	1	1	1	1	1		1	1		1				1
1	505.0			1													1
2	506.0			2						1							2
1	508.0				1	1	1	1		1	1	1					1
1	510.0		1	1					1		1		1				1
1	511.0		1	1				1									1
1	514.0			1				1		1							1
1	514.5		1	1	1		1										1
1	515.0									1							1
1	517.0			1	1		1	1		1			1				1
3	520.0		2	3	2			1		2					1		3
1	521.0		1	1	1		1	1		1	1		1				1
3	522.0			3						1							3
1	527.0		1														1
1	534.0		1	1	1					1							1
1	537.0				1			1		1	1						1
1	561.0			1													1
1	563.0		1		1												1
1	564.0				1					1							1
1	570.0			1	1										1		1
1	571.0		1		1			1		1							1
2	580.0			2				1									2
1	588.0			1													1
2	591.0									2							2
1	610.0									1	1						1
2	618.0			2				2		1							2
1	635.0			1													1
2	659.0			1	1												2
1	662.0			1													1
1	670.0							1									1
1	672.0							1									1
1	676.0									1							1

1	690.0			1														1
1	700.0			1														1
2	705.0			2				2		1								2
1	707.0			1				1										1
1	708.0			1														1
1	715.0			1	1													1
1	718.0			1				1										1
1	732.0				1											1		1
1	745.0								1							1		1
2	749.0			2				2										2
1	752.0			1				1										1
1	780.0			1														1
1	785.0			1				1										1
1	816.0			1														1
2	830.0			1				1										2
1	840.0	1								1	1			1				1
1	860.0			1														1
1	876.0										1							1
1	888.0		1	1	1													1
1	900.0		1		1				1							1		1
2	905.0			1	1						1					1		2
1	921.0			1				1			1							1
1	932.0				1													1
1	950.0			1				1										1
1	960.0		1		1				1							1		1
1	963.0			1				1			1							1
1	965.0			1				1			1							1
2	975.0		1	1	1													2
1	985.0				1											1		1
1	995.0		1	1	1													1
1	1005.0	1			1				1							1		1
1	1020.0		1						1							1		1
1	1025.0		1															1
1	1046.0										1							1
1	1058.0							1			1							1
1	1061.0							1										1
2	1065.0			2														2
1	1075.0			1														1
1	1080.0		1		1											1		1
1	1175.0		1															1
2	1215.0		1	1												1		2
1	1285.0								1							1		1
1	1290.0	1							1							1		1
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	ITA dac	ITA wb	SCT bc	SCT ds	SCT prk	SWE vm	NDBs

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN
NOW

CLE275 190-1740 kHz 25.12.2021 - 03.01.2022
CLE311 190-1740 kHz 25.12.2024 - 03.01.2025

Listener	Av km	Av km	Total km	Total km	NDBs	NDBs	Max km	Max km
	THEN	NOW	x 1000 THEN	x 1000 NOW	THEN	NOW	THEN	NOW
CZE my	1019	908	153	58	150	64	3687	3022
CZE ze	970	976	255	172	263	176	4029	2997
DEU hw	1727	1758	1085	867	628	494	7783	7523
DEU je	1128	1076	336	295	298	274	5229	4257
ENG bk	717	905	46	92	64	102	2804	2130
ENG nw	3669	1934	235	625	64	323	6871	6871
ENG px	1066	1188	68	74	64	62	4178	3051
HOL rb	1736	1645	606	449	349	273	7041	7041
ITA ado	669	961	60	128	89	133	1670	3187
ITA wb	596	796	38	51	64	64	1838	1533
SCT bc	979	1299	101	153	103	118	1783	3973
SCT ds	1307	1451	328	219	251	151	6536	6536
SWE vm	2494	1174	334	75	134	64	7645	4032
Averages:	1391	1236	280	251	194	177	4700	4319
% Increase:		-11		-11		-9		-8

Listener	Av km	Av km	Total km	Total km	NDBs	NDBs	Max km	Max km
	THEN	NOW	x 1000 THEN	x 1000 NOW	THEN	NOW	THEN	NOW
ENG jms		1287		193		150		3784
ITA dac		993		66		66		3344
SCT prk		1522		286		188		4782
Averages:		1267		182		135		3970
% Increase:								

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 aeralis, 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 aeralis, 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. Another reason for differences is the use of software which can analyze audio or IQ data

allowing us to "see" the NDB idents as opposed to hearing them!

CLE311_Results_REU.xls / NH Ver. 1.0.63.002

je/bk - 06.01.2025