

Reporters:

CZE	lk	Ludek Kosek, Jablonec nad Nisou, N. Bohemia
CZE	ms	Miroslav Sperlin, Olomouc
CZE	my	Milos Holy, Lhota pod Radcem
CZE	z4	Zdenek Elias, via Kiwi SDR at Mariánské Lázně-Slatina
DEU	bd	Bernhard Hein, Dessau-Roßlau
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	pt	John Pitty, Horsham, West Sussex
ENG	yk	Dave Robson, York
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	ea	Eric Angevin, Kercabellec
FRA	fb	Franck Baste, St Bonnet de Rochefort
FRA	vl	Vincent Lecler, Near Poitiers
HOL	rb	Roelof Bakker, Middelburg, Zealand
ITA	ed	Edoardo Nicoletti, Bari
ITA	mr	Marino Ferrero Giacminet, Settimo Torinese, Turin
ITA	wb	William G Buchanan, Alessandria
NIR	lo	Paul Logan, Lisnaskea
NOR	gl	Geir Laastad, Svelvik
RUS	vp	Victor Puzanov, Mozhaysk
SCT	ds	David Atkins, Tighnabruaich, Argyll
SCT	wk	Mark Borthwick, Hawick

For full details, please see the individual reporters' logs, as previously posted by them to the List.
If you spot an omission or problem in your own details below please let me know
(ndbcle'at'gmail.com - replace the 'at' by an @ symbol)

Beacons Heard

Beacons are shown in kHz order within each country

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.
(e.g. 01 indicates logged between 01:00-01:59 UTC).

Cou, S/P	QRG	ID	Name	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk
AFG	412.0	HRT	Herat														20													
ALG	416.0	MAR	Algiers / Houari Boumedienne		19	02	23		02		23		01	17	22				17	21	21	23			23					
AUT	408.0	BRK	Wien / Schwechat / Bruck	21	11	19	20	15	15	00	16	19	02	14	21	21	17	21	18	14	21	21	16	23	15	22	22	16	23	22
AUT	410.0	SI	Salzburg	21	14	18	20	16	15		19	23	05	21	21	22	21				21	23	17	23	22	23	02		00	22
AUT	418.0	ZW	Zeltweg		19		20		15	21																				
BAL	401.0	PTC	Porto Colom for Palma De Mallorca		18	01	23	22	02	01		22							17	22		23							23	
BEL	402.0	OP	Brussels National		22	19	19	21	18	00	12	19	16	14	18	20	20		06		20	20		21		22			23	22
BIH	405.0	IL	Sarajevo / Ilidza						02																					
CAN, ON	401.0	YPO	Peawanuck						01		05											02								
CAN, ON	409.0	YTA	Pembroke																			06								
CAN, QC	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)						03													00								
CZE	416.0	KUN	Kunovice		11	20	08	21	15	00		00	01				21					21					03			
CZE	416.0	V	Vodochody / Pan Brezany		11	20	06	21	18	00		20										23								
DEU	400.0	MSW	Munchen	21	17	19	19	16	15	20		18	16		20	20	17		16			19			21	00	20		23	00
DEU	405.0	GRW	Grafenwohr	22	14	19	19	03	15	20		19	00		21	20						21				00	21		23	22
DEU	406.0	HOZ	Holzdorf	22	14	19	19	12	15	02	18	19	00		21	21	22		22		21	20				00	21	21	23	04

DNK	Denmark		1	1	1	1	1	1	1	1	1	1	1	1	1						1				1		1	1
ENG	England		3	1		1	3	3	3	3	3	3	3	2			3	2	3	3				3	1		3	3
ESP	Spain		2	4	3	2	7	3	7	7	7	7	1			7	4	6	7			3	6	1		7	6	
FIN	Finland		1	1	1	1	3	2	1	1	2	1	1	3	3				1				3	3	3	1	1	
FRA	France		15	14	14	14	15	14	15	15	15	15	12	8	2	15	14	14	15	1	10	11	11	6		11	10	
GRC	Greece		1																									
HNG	Hungary	1	2	1	1	1	2	1	1	2	1	1	1	2				1	1	2	1	1		2	2			
HOL	Netherlands		1	1	1		1	1	1	1	1	1	1				1	1	1	1						1		
HRV	Croatia	3	4	4	4	3	4	2	1	3	4	2	2	3	1			2	3	3	4	4	2	4		2	1	
IRN	Iran													2														
ITA	Italy	2	6	6	6	4	4	2	2	5	5	4	5	4	3			5	5	4	6	4	1	4	1	2	2	
KAL	Kalinigrad	1		1	1	1	1	1		1		1	1	1	1	1									1	1		
LBY	Libya																											
LTU	Lithuania	1	1	1	1	1	1	1		1	1		1	1	1	1			1					1	1	1	1	
LUX	Luxembourg		1	1	1	1	1	1	1	1	1	1	1					1	1				1		1	1	1	
MRC	Morocco																											
NOR	Norway		2	3	3	3	4	3	4	4	5	3	3	3	5	4				5				5	5	4	4	
POR	Portugal				1				1	1		1	1	1				1		1						1	1	
ROU	Romania		3	3	3	2	3	2	1	3	2	2	2	2	3					3					2	3	2	
RUS	Russia (European)		5	3	3	2	4	1	1	3	2	1	1	1	15	4				2				1	3	13	3	
SAR	Sardinia	1	1	1	1	1	1	1		1			1	1	1				1	1	1		1			1	1	
SCT	Scotland		1				2	1	1	2	2	1	2	2	1				1					2	1		2	
SCY	Sicily				1																							
SRB	Serbia (Yugoslavia)	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1		1	2	1	2	2	2	1	2	2	2	
SUI	Switzerland		1	1	1	1	1	1	1	1	1	1	1	1	1				1				1			1	1	
SVB	Svalbard																											
SVK	Slovakia	1	3	3	3	3	3	1		2	2	1	1	1	2					3					1	1	2	
SWE	Sweden	7	10	10	10	10	11	10	10	10	11	10	10	9	11	11	4		1	10	1			7	11	10	10	
TUR	Turkey																											
UKR	Ukraine				1	1	1				1															2		
XOE	Int Waters: Europe		1	2		1	5	2	1	1	2	1	1	2	2					4				3	1	1	1	
XUE	UNID (Europe?)				1										2													
XUU	UNID (No idea where)		1	1	2		1	1	1					1													1	
Cou	Cou-Name	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk

LISTENING TIMES:

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

UTC (hh)	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk
00:00 - 00:59		3	1		2		30		2	25		2	2	8		6			4			1	2	1		25	3
01:00 - 01:59			11			4	9			7						1			3			1	1	1		10	4
02:00 - 02:59		2	12			17	9		2	4			1	3		1			4				1	6	2		
03:00 - 03:59		1	1		8	7			1	3	6		9	7		1			7					6			2
04:00 - 04:59						5	2				1		5	9										5	8		3
05:00 - 05:59				1				3		1				5		1			1	2							
06:00 - 06:59				1		3		1						1		5			1								
07:00 - 07:59												1				3											
08:00 - 08:59				1																							
09:00 - 09:59																	8										
10:00 - 10:59																											
11:00 - 11:59		9																				3					
12:00 - 12:59					1			10																			
13:00 - 13:59								1						2											2		
14:00 - 14:59		13		1		2					8						4								5		
15:00 - 15:59		7			10	32		1			17			1		1						4					
16:00 - 16:59		13		4	7			17		12	3	1				14						4			16		
17:00 - 17:59		13		3				1			6	8		16		3	7					3					
18:00 - 18:59		5	4		10	27		15	3	1	1	3		3		1	4					9	14		2		
19:00 - 19:59		8	22	22	11	2	2	10	48	1			3	8		1	5		8	1		1	5				
20:00 - 20:59		1	25	28	11		11		19	7	5	17	20	8	18	1	1	10	19	1		2	4	3			
21:00 - 21:59		10	3	4	4	2	6	1	1	1	13	25	13	8	9	5	1	31	24	1	4	2	4	14	16		
22:00 - 22:59		15	5	9	6			3	1	9	6	12	16	5	2	4	7	5	1		7	6	13	13		1	26
23:00 - 23:59		3	1	5		1	3	2	9	15		7	3	8		6	1		24		13	3	2	12		38	15
UTC (hh)	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk
NDBs	28	84	80	83	70	102	72	65	87	86	66	76	72	84	29	54	38	46	96	18	24	34	44	60	51	74	53

NDB COUNTS, BY FREQUENCY:

- and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk	NDBs
8	400.0	3	6	5	5	3	5	3	3	6	5	3	5	4	5	1	4	2	2	6	1	2	3	2	4	2	4	4	8
2	400.5	1	2	2	2	2	2	1	2	2	2	2	2	2	2		1	1	1	2	1	1	1	1	2	1	2	2	2
9	401.0		5	4	5	4	7	6	7	7	6	5	7	7	4	1	7	3	4	9	1	1	1	4	3	2	7	5	9
5	402.0	1	5	5	5	5	5	5	4	5	4	4	5	4	4	2	3	1	1	5	1	1	2	2	2	2	4	2	5
1	402.5		1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1			1	1	1	1	1	1	1
7	403.0	2	6	5	5	4	6	5	4	5	4	3	4	3	4	2	2	1	2	4		2	2	1	2	2	5	2	7
11	404.0		9	8	8	8	10	8	8	10	10	6	9	8	6	2	5	4	5	11		2	3	7	6	3	9	8	11
1	404.5		1	1	1		1	1	1	1	1	1	1	1			1		1	1						1		1	1
11	405.0	2	5	4	5	4	6	2		4	4	2	3	3	6	1	1	2	1	4	2	1	1	1	5	4	4	1	11
7	406.0	1	3	2	2	3	5	4	3	3	4	2	3	3	4	2	3	1	3	3	1	1	1	2	3	3	3	2	7
1	406.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1
5	407.0	2	2	2	3	2	3	2	1	2	2	1	2	2	3	1	2	1	1	3		1	1	1	1	1	2	2	5
9	408.0	1	3	2	2	1	3	1	1	2	2	2	1	1	8	2	1	1	1	2	1	1	1	1	2	7	1	1	9
2	409.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1	2				1	1	1	1	1	2
7	410.0	2	3	5	4	4	6	3	4	5	4	5	4	5	6	2	2	2	3	4	1	2	2	4	5	3	4	3	7
9	412.0	3	5	5	6	4	6	3	4	5	6	5	4	5	6	1	3	3	3	6	2	3	3	2	3	4	4	2	9
1	413.0		1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1			1	1	1	1	1	1	1
1	413.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
9	414.0		3	5	3	4	8	3	3	5	6	3	2	4	4	3	1	2	2	8	1		1	3	5	3	5	3	9
6	415.0	2	2	2	3	3	3	2	1	2	3	1	2	2	4	1	1	1		2			1	2	5	2	1	6	6
6	416.0	1	5	6	5	4	6	4	3	5	4	3	4	3	3	2	3	2	3	6	1	1	2	1	3	2	3	2	6
6	417.0	2	4	4	5	4	5	4	6	6	6	6	6	5	5	1	3	3	3	5	2		3	4	3	1	5	4	6
7	418.0	1	7	6	7	5	6	6	2	4	5	4	4	3	3	1	4	4	4	6	1		3	1	3	2	2	2	7
4	419.0	1	3	3	3	2	4	4	3	3	3	3	3	3	2	2	2	1	1	3		1	1	2	2	1	2	3	4
NDBs	QRG	CZE lk	CZE ms	CZE my	CZE z4	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG yk	FIN ks	FIN ro	FRA ea	FRA fb	FRA vl	HOL rb	ITA ed	ITA mr	ITA wb	NIR lo	NOR gl	RUS vp	SCT ds	SCT wk	NDBs

MOB:

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !
(Occasionally an entry may be the result of an incorrectly received ident)

QRG	ID	Name	SP	ITU	Rptr	UTC
406.0	TW	Toulouse / Blagnac	FRA	bd		0008
400.0	B	Valencia / Manises	ESP	ea		1934
403.0	MB	Marsa Brega	LBY	hw		0237
405.0	IL	Sarajevo / Ilidza	BIH	hw		0227
400.0	D	Lipetsk	RUS	ks		2110
405.0	BRN	Birjand	IRN	ks		2004
405.0	NC	Volgograd / Marinovka	RUS	ks		2001
405.0	OW	Cherepovets	RUS	ks		1751
407.0	KSR	Kayseri / Erkilet	TUR	ks		0006
408.0	SAV	Savh for Mehrabad Intl	IRN	ks		2004
408.0	SHA	UNID	XUE	ks		0515
410.0	DN	Varandej	RUS	ks		0402
403.0	KEK	Kerkyra / Ioannis Kapodistrias	GRC	ms		2248
409.0	YTA	Pembroke	ON CAN	rb		0102
405.0	OM	Volgograd-Marinovka	RUS	vp		1407
408.0	KW	Krymsk	RUS	vp		1627
407.0	CTF	Catania (CT)	SCY	z4		2006

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE223 - 400 - 419.9 kHz - 22.09.2017 - 25.09.2017
NOW	CLE238 - 400 - 419.9 kHz - 23.11.2018 - 26.11.2018

Listener	Av	Av	Total	Total	NDBs		Max	Max
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE lk	497	650	9	18	18	28	948	1364
CZE my	816	868	59	69	73	80	1930	1941
DEU bd	802	857	46	60	57	70	1705	1870
DEU hw	1012	1079	94	110	94	102	2549	5829
ENG hh	1131	1199	85	104	76	87	2130	2947
ENG mt	908	1059	36	70	40	66	1885	2728
ENG pt	959	1060	56	81	58	76	1853	2695
ENG yk	986	1149	46	83	47	72	2026	2610
FIN ro	976	1001	27	29	28	29	2009	2171
HOL rb	1005	1189	79	114	79	96	2101	5679
ITA wb	511	581	12	20	24	34	988	1144
NOR gl	1021	1042	53	63	52	60	2111	2321
SCT ds	1281	1414	82	105	64	74	2357	3168
Averages:	916	1011	53	71	55	67	1892	2805
% Increase:		10		35		23		48

Listener	Av	Av	Total	Total	NDBs		Max	Max
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE ms		938		79		84		1855
CZE z4		834		69		83		2108
DEU je		874		63		72		1932
ENG bk		1097		71		65		5350
ENG me		1293		111		86		2709
FIN ks		1473		122		84		3888
FRA ea		942		51		54		1876
FRA fb		673		26		38		1491
FRA vl		784		36		46		1642
ITA ed		662		12		18		1707
ITA mr		578		14		24		1119
NIR lo		1306		57		44		2990
RUS vp		1310		67		51		3090
SCT wk		1159		61		53		2078
Averages:		994		60		57		2417
% 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 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.

CLE238_Results_REU.xls
je/bk - 29.11.2018