

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	ag	Alan Gale, Whitworth, Lancashire
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	px	Peter Greatorex, Bolsover, Derbyshire
ENG	re	Ray Evans, Bolsover, Derbyshire
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	ed	Edoardo Nicoletti, Bari
SCT	ds	David Atkins, Tighnabruaich, Argyll
SWE	rok	Ragnar Östermark, Visby

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 us 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 my	CZE ze	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG px	ENG re	FIN ks	HOL rb	ITA ed	SCT ds	SWE rok
AFS	345.0	LW	Langebaanweg			01											
ALG	342.0	OA	Algiers / Houari Boumedienne		22	19	01			22				22		22	
BAL	344.0	MN	Menorca	22	21	21	00					23					
BIH	340.0	BLK	Banja Luka	19	20	18	22			21	22	22	20	22	21	22	23
CAN, QC	340.0	YY	Mont Joli			03								01			
COR	341.0	IS	Ajaccio / Campo del Oro		21	19								00			
COR	349.5	SZA	Solenzara	19	20	18	00			00			22	22	21	23	
CYP	343.0	DKA	Dhekelia			22							19				
CZE	345.5	CF	Caslav / Chotusice / Centograf	19	20	03	22		22	21	23	22	20	00		23	23
DEU	337.0	LHR	Lahr / Schwarzwald	21	20	18	23			00	20		20	12	21	00	23
DEU	338.0	MNW	Munchen	17	20	10	22						20	22	21		
DEU	341.0	ALG	Memmingen / Allgau	02	20	18	23			23				22	21		
DEU	344.0	HN	Hohn	20	20	10	19	00	03	13	22	22	22	12	00	23	23
DEU	345.0	IGL	Ingolstadt	19	20	10	23			21		23	23	22	21		
DNK	339.0	SD	Sindal		22	20	22						19	02			
DNK	346.0	AU	Stauning			20	21		22	22			23	12			
ENG	335.0	WCO	Westcott	01		18	01	21	11	12	19	16		12		22	
ENG	337.0	EX	Exeter			23	01		11	12		21					
ENG	337.0	WTN	Warton			20	01	21	11	12	19	16		12		22	
ENG	338.0	FNY	Robin Hood / Doncaster / Finningley			20	03	21	11	13	19	16		12		22	
ENG	339.0	BIA	Bournemouth			20		21	11	13	22	16		12		22	
ENG	340.0	LSH	Lashenden / Headcorn			20			11	13	22	16		12		23	
ENG	342.5	NWI	Norwich	02	20	10	22	22	11	13	19	16	03	12		22	23
ENG	343.0	YVL	Yeovil / Westland			20		22	11	13	21	16		12		22	
ENG	347.0	NQY	Newquay	03		20		00	11	13	19	20	01	22		23	
ENG	347.5	TD	Teeside			20	00	22	11	13	19	16	02	12		23	
ENG	349.5	LPL	Liverpool	03		20	01	22	11	13	19	16		12		23	
ESP	335.0	TON	Torraiba de Aragon		01	20	03		03	21	22	22		22		22	
ESP	340.0	PND	Valencia / Pinedo	02	01	21	01	21	03	21		00		00			
ESP	345.0	VTA	Vitoria							21							
FIN	336.0	M	Mikkeli			21							17				
FIN	339.0	V	Kokkola / Kruunupyy	20		21	00			00			18	01			23
FIN	344.0	L	Kittila / Hukkakumpu			21	23						18	00	21		23
FIN	346.0	MI	Mikkeli / Korpikoski	21	22	19	00		22	23	23		16	01			23
FRA	338.0	GU	Brest / Guipavas			03			11	15				12			
FRA	338.0	NC	Nice / Cote D'azur	20	22	19	00						01	00	21		
FRA	339.0	FG	Montpellier / Mediterranee			20	19	01						23			
FRA	339.0	GI	Amiens / Glisy			21	18	03		13				12	21		23
FRA	341.0	AMB	Amboise			20	23		11	13	20	20		12		02	
FRA	341.0	BZ	Biarritz / Bayonne / Anglet			19	03			01				01		22	
FRA	342.0	VA	Vannes / Meucon			03		21	23	22		23		00		23	
FRA	343.0	AR	Aurillac		21	19	01			01				01			
FRA	345.0	CS	Carcassonne / Salvaza	02	21	00											
FRA	345.0	LN	Lannion / Servel			00								12			
FRA	346.0	CH	Chambery / Aix-Les-Bains		22	19	00						03	22	21		
FRA	346.0	LHO	Le Havre / Octeville			18	23	00	11	13	19	16	02	12		23	
FRA	346.0	OC	Cognac / Chateaubernard			22	01			21		23		22		23	
FRA	347.0	CVT	Chalons / Vatry	20	20	18	00	00	11	00	20	22	00	12	21		23
FRA	348.0	CL	Cahors / Lalbenque			20	18	22	03	22				22		23	
FRO	337.0	MY	Myggenaes	02	22	20	00		22	23		00		00	00	22	23
FRO	348.0	VG	Vagar			22	22			23		23		01		23	
GEO	342.0	VP	Tbilissi / Lochini			20							22				
HNG	346.0	Y	Nyiregyhaza			19							20		21		
HRV	344.0	VAR	Varazdin	21	20	19	23			00			20	22	21		
HRV	348.0	ZK	Zadar	20	20	19	23			00			23	22	21		

FRO	Faroe Islands	1	1	2	2	1	2	2			2	1	2	1	
GEO	Georgia			1						1					
HNG	Hungary			1						1		1			
HRV	Croatia	2	2	2	2			2		2	2	2			
IRL	Ireland			1	1			1			1		1		
IRN	Iran			3						4					
ISL	Iceland			3							3				
ITA	Italy	2	2	2	2	1	1	1	1	2	2	2		1	
LTU	Lithuania	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	
MAU	Mauritius									1					
MDR	Madeira			1	1		1	1	1	1	1	1	1	1	
MNE	Montenegro (Yugoslavia)	1	1	1	1						1	1			
MRC	Morocco			1			1	1	1	1		1	1		
NOR	Norway	3	3	7	5	1	5	4	2	2	9	7	1	2	4
ROU	Romania	2	2	2	1			1		1	2	2	2		
RUS	Russia (European)	1	1	5	2			2			11	2			2
SCT	Scotland	3	2	3	3	3	3	3	3	3	3	3	1	3	1
SRB	Serbia (Yugoslavia)	2	2	2	2			2			2	2	2		
SWE	Sweden	6	7	9	7		4	6	1	1	9	9	2		7
TUR	Turkey			3							4				
UKR	Ukraine			2							1	1			
WLS	Wales	1		1	1	1	1	1	1		1	1		1	1
XOE	Int Waters: Europe		2	4	2	1	2	1	1	1	3	3		2	1
XUE	UNID (Europe?)	1	1		1										
XUU	UNID (No idea where)			2							1		1		
Cou	Cou-Name	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	ENG	FIN	HOL	ITA	SCT	SWE
		my	ze	hw	je	ag	bk	hh	px	re	ks	rb	ed	ds	rok

LISTENING TIMES:

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

UTC (hh)	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	ENG	FIN	HOL	ITA	SCT	SWE
	my	ze	hw	je	ag	bk	hh	px	re	ks	rb	ed	ds	rok
00:00 - 00:59			2	12	4		9		2		2	13	5	3
01:00 - 01:59	2	2	3	13			4			4	10			
02:00 - 02:59	13		2	2			1			4	3		2	
03:00 - 03:59	5		5	4		7				3				
04:00 - 04:59														
05:00 - 05:59														
06:00 - 06:59														
07:00 - 07:59														
08:00 - 08:59														
09:00 - 09:59														
10:00 - 10:59			8											
11:00 - 11:59						17								
12:00 - 12:59							3				26		1	
13:00 - 13:59						1	13							
14:00 - 14:59								1						
15:00 - 15:59														
16:00 - 16:59									10					
17:00 - 17:59	1		1							14				
18:00 - 18:59			20							6				
19:00 - 19:59	6		13	2				9		7				
20:00 - 20:59	8	28	32					4	8	13				
21:00 - 21:59	8	8	11	1	9		11	2	4	5		25		
22:00 - 22:59	2	7	7	18	8	9	10	12	6	11	23		16	
23:00 - 23:59		7	5	17		11	12	3	7	10	12		16	31
UTC (hh)	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	ENG	FIN	HOL	ITA	SCT	SWE
NDBs:	my	ze	hw	je	ag	bk	hh	px	re	ks	rb	ed	ds	rok
	45	52	107	69	21	45	64	30	37	80	87	30	38	31

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	ENG	FIN	HOL	ITA	SCT	SWE	NDBs
		my	ze	hw	je	ag	bk	hh	px	re	ks	rb	ed	ds	rok	
9	335.0	3	3	8	4	1	2	3	2	2	5	6		2	2	9
3	336.0	1	2	3	2		2	2			3	2	1		1	3
7	337.0	3	3	6	5	1	3	5	2	3	4	4	3	3	2	7
1	337.5		1	1	1	1	1	1	1	1	1	1		1		1
10	338.0	4	4	8	6	1	4	3	2	3	7	8	3	2	2	10
7	339.0	1	3	6	5	1	2	3	1	1	2	6	2	2	2	7
7	340.0	3	3	6	4	2	4	4	3	3	2	7	1	3	3	7
8	341.0	3	3	8	5	1	3	5	2	2	3	6	1	3	1	8
8	342.0	2	3	7	4	1	1	5			6	6	1	2	3	8
1	342.5	1	1	1	1	1	1	1	1	1	1	1		1	1	1
7	343.0	1	2	5	2	1	2	3	2	2	3	3	1	2	1	7
5	344.0	3	4	5	5	2	2	4	2	3	4	4	4	2	3	5
18	345.0	6	6	12	6	1	4	5	2	3	10	8	4	2	2	18
1	345.5	1	1	1	1	1	1	1	1	1	1	1		1	1	1
11	346.0	2	3	10	6	1	4	5	2	3	10	7	3	3	2	11
3	347.0	2	1	3	1	2	2	2	2	2	3	2	1	1	1	3
1	347.5			1	1	1	1	1	1	1	1	1		1	1	1
11	348.0	4	5	9	6	2	3	6	1	2	8	8	2	3	2	11
5	349.0	3	3	5	2		2	3	2	2	5	4	2	2	2	5
2	349.5	2	1	2	2	1	1	2	1	1	1	2	1	2	2	2
NDBs	QRG	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	ENG	FIN	HOL	ITA	SCT	SWE	NDBs
		my	ze	hw	je	ag	bk	hh	px	re	ks	rb	ed	ds	rok	

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	S/P	ITU	Rptr	UTC
345.0	VTA	Vitoria		ESP	hh	2141
335.0	VA	Egilsstadir / Vad		ISL	hw	0109
341.0	BUZ	Bushehr		IRN	hw	1905
343.0	RLF	Rolf A Platform		XOE	hw	0125
345.0	LW	Langebaanweg		AFS	hw	0119
335.0	KHM	Dayrestan / Ghesim Island		IRN	ks	2000
337.0	UP	Zenzeli		RUS	ks	1710
338.0	A	Moscow / Sheremetyevo		RUS	ks	1910
338.0	ELG	Elazig		TUR	ks	2314
342.0	VD	Vadso		NOR	ks	2203
343.0	MS	Plaisance		MAU	ks	0302
345.0	BNR	Banak		NOR	ks	2104
345.0	L	Tsakalovskij		RUS	ks	1709
345.0	SR	Sykyvkar		RUS	ks	1708
345.0	X	Perm / Bolshoe Savino		RUS	ks	1809
346.0	LAM	Lamerd		IRN	ks	2301
348.0	BX	Batsfjord		NOR	ks	2203
348.0	SW	Borisoglebsk		RUS	ks	1906
340.0	GJ	Gjogur		ISL	rb	0158
343.0	GRA	Grazzanise (CE)		ITA	re	2056

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE249 - 335-349.9 kHz - 25.10.2019 - 28.10.2019
NOW CLE267 - 335-349.9 kHz - 23.04.2021 - 26.04.2021

Listener	Av		Total		NDBs		Max	
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE my	941	991	58	44	62	45	1893	1893
CZE ze	953	959	60	49	63	52	2024	1833
DEU hw	1497	1429	199	150	133	107	9514	9514
DEU je	978	1030	65	70	66	69	3103	3103
ENG ag	529	457	11	10	20	21	1710	1586
ENG bk	746	853	28	38	38	45	2130	2405
ENG hh	1013	1015	64	65	63	64	4768	2600
ENG px	840	765	40	23	48	30	2572	2542
ENG re	989	839	57	31	58	37	4567	2542
FIN ks	1715	1716	178	136	104	80	4375	9429
HOL rb	1163	1135	109	99	94	87	7120	4950
ITA ed	1199	1143	72	33	60	30	3068	2998
SCT ds	1119	969	60	37	54	38	3142	2680
Averages:	1052	1023	77	60	66	54	3845	3698
% Increase:		-3		-22		-18		-4

Listener	Av		Total		NDBs		Max	
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
SWE rok		988		31		31		3777
Averages:		988		31		31		3777
% 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. Another recent reason for differences, especially in Europe, is the use of programs which can 'hear' and identify NDBs, replacing traditional listening with human ears!