

NDB LIST CLE No. 270

400 - 419,9 kHz

23.07.2021 - 26.07.2021

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Reporters:

CZE lk Ludek Kosek, Jablonec nad Nisou, N. Bohemia
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 ap Andrew Price, Astwith, Sheffield
ENG bk Brian Keyte, Bookham, Surrey
ENG hh Brian Heath, Stapleton, Leicestershire
ENG re Ray Evans, Bolsover, Derbyshire
HOL rb Roelof Bakker, Middelburg, Zeeland
ITA wb William G Buchanan, Alessandria
SCT ds David Atkins, Tighnabruaich, Argyll
SCT lw Jay Law, North Ballachulish
SWE bb Bengan Bengtsson, Juoksengi
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'ndblist.info - 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 my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok
ALG	407.0	BCR	Bechar			23	01		21						22	02		
AUT	408.0	BRK	Wien / Schwechat / Bruck	21	19	20	18	01	21	01	21	20	19	00	22	00		
AUT	410.0	SI	Salzburg	21	19	20	19	01	21	02			23			02		
AUT	418.0	ZW	Zeltweg	21	20	21	18	21	21							01		

BEL	402.0	OP	Brussels National		02	22	21	00	21	11	00	19		22	00		
BIH	405.0	IL	Sarajevo / Ilidza				19	02	00								
CAN, QC	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)												03		
CZE	416.0	KUN	Kunovice		01	03	19										
CZE	416.0	V	Vodochody / Pan Brezany		20	20											
DEU	400.0	MSW	Munchen		18	20	18	00	21		21	00	01		22	01	
DEU	405.0	GRW	Grafenwohr		19	20	18		21				00		22	22	
DEU	406.0	HOZ	Holzdorf		19	20	18	01	21						21	23	
DEU	406.5	BOT	Bottrop		02	20	18	02	21	01		00	19		22	00	23
DEU	407.0	LUP	Laupheim		19	20	19	00	21			01	23		22	01	
DEU	415.0	RTB	Nurnberg / Rothenbach		20	20	18	21	21				02		22	01	
DEU	417.0	LI	Dusseldorf		01	23	21	02	21	02		00	19		23	02	23
DNK	400.5	EJ	Esbjerg		00	21	19	00	21				01		22	01	23
ENG	402.5	LBA	Leeds / Bradford		02	00	21		21	11	18	12	01		12	22	
ENG	406.0	BHX	Birmingham		02		21		21	11	18	12	23		12	00	
ENG	414.0	BRI	Bristol / Filton		02	00	21	23	21	10	18	12	20		12	03	22
ESP	401.0	COA	La Coruna				02		01			01			00	02	
ESP	404.0	LRD	Lerida		02	01	20	00	21	01	20	00			22	02	
ESP	410.0	C	La Coruna				02		21	01		01	02		00	02	
ESP	412.0	GRA	Granada			22	03		20								
ESP	416.0	SA	Santander				01		21						00	01	
ESP	417.0	CVT	Madrid / Cuatro Vientos				23		21			00	02		23	03	
FIN	404.0	Y	Kemi-Tornio / Ketolanpera				21		20								23
FIN	406.0	V	Ivalo / Pajakoski														23
FIN	408.0	O	Ilmajoki				21										23
FRA	400.0	AG	Agen / La Garenne			02	19		21	02					22	01	
FRA	401.0	LA	Laval / Entrammes		02	02	21		21	11		00	23		22	02	23
FRA	402.0	DA	Ales / Deaux			02	19		00						22		
FRA	403.0	VZ	Vichy / Charmeil		02	02	19		21				01		22		
FRA	404.0	AGO	Angouleme / Brie Champniers		00		19		21						22		
FRA	404.0	CNE	Caen / Carpiquet				19	02	21	11	19	00	20		22	22	
FRA	404.0	MRV	Merville / Calonne		02	21	21	00	21	11	18	12	19		22	03	23
FRA	406.0	MJ	Marseille / Provence		21	21	19	02	21					21			
FRA	406.0	TW	Toulouse / Blagnac			02	19		21						22	02	
FRA	410.0	ETN	Etain / Rouvres		01	20	19	23	21	01		00	00		22	01	
FRA	412.0	SE	Strasbourg / Entzheim		01	20	18	01	21	02		00	20		22	23	
FRA	413.0	ALM	Aix Les Milles		20	02	19	02	21				02	00	22		
FRA	415.0	TOE	Toulouse / Blagnac		02	02	20		21				02	00	22	03	
FRA	417.0	AX	Auxerre / Branches		01	02	19	21	21	02		23	20		23	00	22
FRA	418.0	MK	Calais / Dunkerque			02	23	01	21	11	18	12	19		23	02	23
FRA	419.0	EMT	Epinal / Mirecourt		20	21	18	01	21	02		00	20		23	00	22
GRC	403.0	KEK	Kerkyra / Ioannis Kapodistrias												22		
HNG	412.0	PP	Pecs / Pogany		21	20	20	19	21	02			20				
HOL	404.5	RR	Rotterdam Locator			00	21		21	11		00	21		00		

HRV	400.0	BRZ	Rijeka / Krk / Breza	21	19	20	18		21	01		22		22			
HRV	412.0	HUM	Humac		20	21	18										
HRV	414.0	GR	Dubrovnik / Gruda		20	00	19		01								
HRV	418.0	DVN	Split / Drvenik	21	20	21	18	21	21			20	19	00	01		
ISL	415.0	OE	Akureyri												00		
ITA	400.5	COD	Codogno (LO)	22	19	20	18	21	21	01		02	19	22	02	23	
ITA	401.0	BPL	Bari / Palese (BA)		19	00	18	02	21			23					
ITA	405.0	VIE	Vieste (FG)		00		19		21			23		22			
ITA	417.0	VIC	Vicenza (VI)	22	01	20	19		21	02		02	19	23			
ITA	418.0	SVC	Aosta				22		01				19	23			
KAL	410.0	K	Kaliningrad / Khrabrovo		00		19		21						21	23	
LTU	407.0	PN	Palanga		00	23	18	22	21		21	00		22	00	23	01
LUX	404.0	LW	Luxembourg		02	22	18	23	21	01		00		22	00		
NOR	401.0	RBU	Roros / Rambu			23	21	00	21					22	00		22
NOR	404.0	VNG	Vangsnes				21		21			00	01	22	22		22
NOR	414.0	HD	Sandnessjoen / Stokka / Hestad				21		21	01		23	23	22	00	23	23
NOR	414.0	SJA	Bardufoss / Senja														
ROU	404.0	BMR	Baia Mare	22	02	20	18	23	21		21	23	02				23
ROU	408.0	TSR	Timisoara / Giarmata		00	21	19		01								
ROU	418.0	ORA	Oradea		20	23	18	23	21			20	23	23	01	23	
RSE	412.0	KS	Balandino				20										
RUS	405.0	UM	Ivanovskoye				20										
RUS	410.0	SF	Cherusti		22	00	20		21						00		22
RUS	414.0	SB	Sambek				19								00		
RUS	415.0	DR	Skurygino				20										
SCT	401.0	BBA	Benbecula				21				00	00		12	22		
SCT	404.0	OBN	N. Connell / Oban				21		01					12	11		
SCY	412.0	SIG	Sigonella (CT)		01	02	19		21	01		03					
SPM	402.0	MQ	Miquelon (Grande Miquelon)												02		
SRB	405.0	JST	Nis / Justic	21	19	20	18	21	21		20	20	01	22	00	23	
SRB	416.0	POZ	Beograd / Pozarevac	21	20	20	18	22	21	02	21	20	20	22	02	23	
SUI	403.0	LPS	Les Eplatures		02	02	21		21				00	22			
SVK	404.0	ZLA	Zilina		02	22	19										
SVK	412.0	FS	Sliac	21	20	20	18	22	21						01	23	
SVK	418.0	PW	Poprad / Tatry West		20	03	18		21					23	02	23	
SWE	400.0	EN	Orebro		21	21	21	00	21	01			00	22	00	23	01
SWE	402.0	LX	Eskilstuna / Kjula		02	00	20		00					22	00	23	01
SWE	403.0	NM	Mora / Slijan			00	21		21						00		
SWE	403.0	OJ	Jonkoping		02	23	21	23	01					22	21	23	01
SWE	406.0	NV	Vilhelmina				21							01			
SWE	409.0	SG	Satenas / Tune		02	20	21	00	21	01		00	00	22	01	23	22
SWE	415.0	OL	Linkoping / Saab		01	23	20	00	21	01		01	01		01	23	01
SWE	417.0	AH	Angelholm / Barkakra	21	01	20	18	00	21	02				23	02	23	01
SWE	419.0	RD	Vasteras / Hasslo		01	22	20		21			01	01	23	01	23	01

TUR	405.0	ME	Izmir / Adnan Menderes				19											
UKR	415.0	WI	Vinnitsa				19											
XOE	405.0	HMI	Sevan Hummingbird FPSO				21				00					22		
XOE	410.0	LAYR7	Vessel North Sea Giant				21	00	01	11	10	12	10			01		
XOE	414.0	GFA	Statoil Gullfaks A Platform				01											
XOE	414.0	STA	Stafjord A Platform				00					00	01			00		
XOE	414.0	STC	Stafjord C				00						01			00		
XOF	411.0	DP4	Bouri DP4/LCM Oil + Gas Libya				02											
Cou, S/P	QRG	ID	Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok

COUNTRIES HEARD:

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

Cou	Cou-Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok
ALG	Algeria			1	1		1						1	1		
AUT	Austria	3	3	3	3	3	3	2	1	1	2	1	1	3		
BEL	Belgium		1	1	1	1	1	1		1	1		1	1		
BIH	Bosnia-Herzegovina				1	1	1									
CAN	Canada, QC													1		
CZE	Czechia		2	2	1											
DEU	Germany		7	7	7	6	7	2	1	4	6		6	7	3	1
DNK	Denmark		1	1	1	1	1				1		1	1	1	
ENG	England		3	2	3	1	3	3	3	3	3		3	3		1
ESP	Spain		1	2	6	1	6	2	1	4	2		5	5		
FIN	Finland				2		1								3	
FRA	France		11	14	16	9	16	9	3	8	11	3	15	11	3	3
GRC	Greece												1			
HNG	Hungary	1	1	1	1		1	1			1					
HOL	Netherlands			1	1		1	1		1	1		1			
HRV	Croatia	2	4	4	4	1	3	1			2	1	2	1		
ISL	Iceland													1		
ITA	Italy	2	4	3	5	2	5	2			4	3	4	1	1	
KAL	Kalinigrad		1		1		1							1	1	
LTU	Lithuania		1	1	1	1	1		1	1			1	1	1	1
LUX	Luxembourg		1	1	1	1	1	1		1			1	1		
NOR	Norway			1	3	1	3	1		2	2		3	3	2	2
ROU	Romania	1	3	3	3	2	3		1	2	2		1	1	2	
RSE	Russia (Eastern)				1											
RUS	Russia (European)		1	1	4		1							2		1
SCT	Scotland				2		1			1	1		2	2		

SCY	Sicily		1	1	1		1	1			1					
SPM	St Pierre Et Miquelon													1		
SRB	Serbia (Yugoslavia)	2	2	2	2	2	2	1	2	2	2		2	2	2	
SUI	Switzerland		1	1	1		1				1		1			
SVK	Slovakia	1	3	3	3	1	2					1	2	2		
SWE	Sweden	1	7	8	9	5	8	4		3	4		7	8	7	7
TUR	Turkey				1											
UKR	Ukraine				1											
XOE	Int Waters: Europe				5	1	1	1	1	3	3			4		
XOF	Int Waters: Africa				1											
Cou	Cou-Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok

LISTENING TIMES:

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

UTC (hh)	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok
00:00 - 00:59		6	8	2	12	3			19	6	3	5	19		
01:00 - 01:59		10	1	3	6	7	13		5	10		1	15		7
02:00 - 02:59		17	11	3	7		10			8			14		
03:00 - 03:59			2	1						1			5		
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							1	1		1					
11:00 - 11:59							9						1		
12:00 - 12:59									6			5			
13:00 - 13:59															
14:00 - 14:59															
15:00 - 15:59															
16:00 - 16:59															
17:00 - 17:59															
18:00 - 18:59		1		23				5							
19:00 - 19:59		9		26				1		6	4				
20:00 - 20:59		13	21	9		2		2	4	8					
21:00 - 21:59	10	2	9	23	6	64		5		1	1		3		
22:00 - 22:59	3	1	5	1	3					1		38	6		9
23:00 - 23:59			7	2	6				3	8		11	1	28	

UTC (hh)	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok
NDBs:	13	59	64	93	40	76	33	14	37	50	8	60	64	28	16

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok	NDBs
4	400.0	1	3	4	4	2	4	3	1	1	3		4	3	1	1	4
2	400.5	1	2	2	2	2	2	1			2	1	2	2	2		2
5	401.0		2	3	5	2	4	1		3	3		4	4	1	1	5
4	402.0		2	3	3	1	3	1		1	1		3	3	1	1	4
1	402.5		1	1	1		1	1	1	1	1		1	1			1
5	403.0		3	4	4	1	4				2		4	2	1	1	5
10	404.0	1	6	5	10	5	9	4	4	6	4		7	6	3	2	10
1	404.5		1	1	1		1	1		1	1		1				1
7	405.0	1	3	2	7	2	4		1	2	3		3	3	1		7
6	406.0		3	3	5	2	4	1	1	1	1	1	3	3	2		6
1	406.5		1	1	1	1	1	1		1	1		1	1	1	1	1
4	407.0		2	3	3	2	3		1	2	1		3	4	1	1	4
3	408.0	1	2	2	3	1	2	1	1	1	1	1	1	1	1		3
1	409.0		1	1	1	1	1	1		1	1		1	1	1	1	1
6	410.0	1	4	3	6	3	6	4	1	3	4		2	6	1	1	6
1	411.0				1												1
7	412.0	2	5	6	7	2	5	3		1	3		1	2	1		7
1	413.0		1	1	1	1	1				1	1	1				1
8	414.0		2	2	7	1	3	2	1	3	4		2	5	2	1	8
6	415.0		3	3	5	2	3	1		1	3	1	2	4	1	1	6
4	416.0	1	3	3	3	1	2	1	1	1	1		2	2	1		4
5	417.0	2	4	4	5	3	5	4		3	4	1	5	4	2	2	5
6	418.0	2	4	5	6	4	6	1	1	2	3	2	5	5	3	1	6
2	419.0		2	2	2	1	2	1		2	2		2	2	1	1	2
NDBs	QRG	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG ap	ENG bk	ENG hh	ENG re	HOL rb	ITA wb	SCT ds	SCT lw	SWE bb	SWE rok	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	S/P	ITU	Rptr	UTC
406.0	V	Ivalo / Pajkoski		FIN	bb	2334
414.0	SJA	Bardufoss / Senja		NOR	bb	2334
403.0	KEK	Kerkyra / Ioannis Kapodistrias		GRC	ds	2235
405.0	ME	Izmir / Adnan Menderes		TUR	hw	1940
405.0	UM	Ivanovskoye		RUS	hw	2005
411.0	DP4	Bouri DP4/LCM Oil + Gas Libya		XOF	hw	0231
412.0	KS	Balandino		RSE	hw	2005
414.0	GFA	Statoil Gullfaks A Platform		XOE	hw	0116
415.0	DR	Skurygino		RUS	hw	2005
415.0	WI	Vinnitsa		UKR	hw	1932
407.0	ZHU	Hauts-Bois / St Hubert (Montreal)	QC	CAN	lw	0830
402.0	MQ	Miquelon (Grande Miquelon)		SPM	lw	0211
415.0	OE	Akureyri		ISL	lw	0055

FREQUENCIES REVISITED - Progress Statistics (Please see the explanation below)

THEN CLE254 - 400-419,9 kHz - 27.03.2020 - 30.03.2020
NOW CLE270 - 400-419,9 kHz - 23.07.2021 - 26.07.2021

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	792	606	17	8	22	13	1495	948
CZE ze	863	784	69	50	80	64	2003	2369
DEU hw	1443	1036	175	96	124	93	5829	3284
DEU je	1543	787	127	31	82	40	8635	1524
ENG ap	1669	1172	194	89	118	76	7523	2664
ENG bk	1084	811	74	27	68	33	3122	1960
ENG hh	1241	893	99	12	80	14	2947	1983
ENG re	1165	917	87	34	75	37	2177	2004
HOL rb	1305	833	134	42	104	50	7875	1805
ITA wb	607	374	21	3	34	8	1306	707
SCT ds	1392	1321	102	79	73	60	2700	2700
SCT lw	1874	1415	195	91	106	64	7266	4717
Averages:	1248	912	108	47	81	46	4407	2222
% Increase:		-27		-56		-43		-50

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE my		729		43		59		1878
SWE bb		1464		41		28		2578
SWE rok		712		11		16		1519
Averages:		968		32		34		1992
% 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 aerals, 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 aerals, 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!