

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, via Kiwi-SDR at 'Chichester', ENG (rENGcr / IO90qu)
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	ado	Andrea Dalbagno, Gazzadina
SCT	ds	David Atkins, Tighnabraich, Argyll
SCT	prk	Peter Reuderink, via Kiwi-SDR at 'Clashmore', SCT (rSCTcm / IO78hf)

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@ndblist.info)

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 bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	SCT ds	SCT prk
ALG	407.0	BCR	Bechar							23					
ALG	415.0	ON	Oran / Es Senia			20			00	23		22	20	01	
AUT	410.0	SI	Salzburg	21	20	19	01		00	01	22	22	20	02	20
AUT	418.0	ZW	Zeltweg	21	21	22	02								
BAL	401.0	PTC	Porto Colom for Palma De Mallorca	20		19			20	01		22	20		
BEL	352.5	DD	Oostende			22			13	11	18	00			
BEL	360.5	MAK	Mackel for Brussels Ntl		21	19	21	12	13	11	18		20		
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca		23	19	02		00	00		00	20		
BIH	405.0	IL	Sarajevo / Ilidza		20	19	02		00	00		22	20		
CZE	345.5	CF	Caslav / Chotusice / Centograf		15	19	02			23	20				
CZE	416.0	KUN	Kunovice	21	22	19				23		22			
CZE	416.0	V	Vodochody / Pan Brezany	21	21	19				21			20		
CZE	514.5	LA	Namest Nad Oslavou		15	18	21	22		02	22	00	20		
DEU	284.5	DY	Dusseldorf		18	19	23		13	11		00	20		
DEU	400.0	MSW	Munchen	19	18	19	00		00	00	21	22	20	23	20
DEU	406.5	BOT	Botrop	20	20	19	23	22	13	11	20	22	20	19	
DEU	407.0	LUP	Laupheim	20	20	19	23		00	23	22	22	20	23	19
DNK	400.5	EJ	Esbjerg			19	01		00	11		22		23	18
ENG	332.5	CAM	Cambridge			01	01	12	13	11	18	00			
ENG	342.5	NWI	Norwich		20	19	01	12	13	11	18	00	20		
ENG	347.5	TD	Teeside			01	20		13	22	18				
ENG	353.5	EME	East Midlands			00	01	12		11	18	00			
ENG	362.5	SND	Southend-On-Sea			21	22	12	13	11	18	00			
ENG	367.5	OX	Oxford / Kidlington			22	00	12	13	11	18	00			
ENG	383.5	LE	Leicester								22				
ENG	391.5	EAS	Southampton / Eastleigh			21		12	13	11	19				
ENG	402.5	LBA	Leeds / Bradford			20			13	23	19	22		23	18
ENG	406.0	BHX	Birmingham	01		22		22	13	11	20	22		23	20
ENG	414.0	BRI	Bristol / Filton	01	21	19	02	23	13	11	21	22		23	20
ENG	433.5	HEN	Henton			00		13	13	11	19	00			
ESP	401.0	COA	La Coruna						00	23		22		23	03
ESP	404.0	LRD	Lerida	19	20	19	23	22	00	23	20	22	20	23	04
ESP	410.0	C	La Coruna			19		22	00	23		22		23	18
ESP	412.0	GRA	Granada					23	00	23			20	01	
ESP	412.0	GRN	Gerona	00		19	19	22	23	22		22	20	01	
ESP	416.0	SA	Santander			02		00	00	23		22			04
ESP	417.0	CVT	Madrid / Cuatro Vientos			02		23	00	23		22	20	01	04
FRA	288.5	AVD	Avord			20	01	12	13	03					
FRA	404.0	AGO	Angouleme / Brie Champniers	22	20	19	03	22	20	23		22		23	
FRA	404.0	CNE	Caen / Carpiquet			20		22		13	11	22		01	
FRA	404.0	MRV	Merville / Calonne	19	21	19	00	22	13	11	20	22	20	01	19
FRA	406.0	TW	Toulouse / Blagnac	01	20	19		22	23	23		22	20	01	20
FRA	410.0	ETN	Etain / Rouvres	21	20	19	21	22	13	23	22	22	20	23	19
FRA	413.0	ALM	Aix Les Milles	21	21	19	02		00	23		22	20	23	
FRA	415.0	TOE	Toulouse / Blagnac	21	22	19	02	23	00	23		22	20	23	20
FRA	417.0	AX	Auxerre / Branches	21	23	20	21	23	13	23		22	20	23	19
FRA	419.0	EMT	Epinal / Mirecourt	22	21	19	21	23	23	23		22	20	23	19
HNG	400.0	BC	Bekescsaba		21	01			00	00		22		00	
HNG	412.0	PP	Pecs / Pogany	21	22	23	03		00	00		22	20	02	
HRV	351.5	PLA	Pula		17	22	23				20				
HRV	400.0	BRZ	Rijeka / Krk / Breza	19	18	19	03	23	00	23		22	20	01	
HRV	412.0	HUM	Humac	21	21	19	21		00	23		22	20		
HRV	418.0	DVN	Split / Drvenik	21	20	23	01			19		22	20		
IRN	230.0	HSA	Esfahan / Hesa			00									
IRN	402.0	YZD	Yazd Shahid Sadooghi			00									
ISL	415.0	OE	Akureyri									22		01	
KAL	410.0	K	Kaliningrad / Khrabrovo		20	19	23		00	23		22		01	19
LBY	400.0	ZT	Agip C97			23			00	23			20		
LBY	403.0	MB	Marsa Brega			01			00						
LBY	413.0	RAG	Raguba			22			00	00			20		



ROU	Romania	2	4	4	4	1	4	4	2	4	2	2	2	4
RSE	Russia (Eastern)			1				1						1
RUS	Russia (European)	9	4	12	1		8	7		6		3	2	16
SCT	Scotland	1		2	1		2	2	2	1		2	2	2
SCY	Sicily		1	1	1		1	1		1	1	1		1
SPM	St Pierre Et Miquelon											1		1
SRB	Serbia (Yugoslavia)	2	2	2	2		2	2	2	2	2	2	2	2
SVK	Slovakia	3	3	3	2		3	3		3	2	1		3
SWE	Sweden	9	9	9	9		9	9	4	9	4	8	9	10
TKM	Turkmenistan			1										1
TUR	Turkey			1			1	1						1
UKR	Ukraine			2										2
WLS	Wales		1	1	1	1	1	1	1	1	1			1
XOE	Int Waters: Europe			3	2		2	2						3
XOF	Int Waters: Africa	1	1	1			1	1			1			1
XUA	UNID (Asia?)			1										1
XUE	UNID (Europe?)			1										1
XUU	UNID (No idea where)			1									1	2
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	SCT ds	SCT prk	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	SCT ds	SCT prk
00:00 - 00:59	4		6	4		52	9		14		2	
01:00 - 01:59	5		6	8			3		1		14	
02:00 - 02:59			2	10			1				5	
03:00 - 03:59				3			1					1
04:00 - 04:59				1								3
05:00 - 05:59		1	1									
06:00 - 06:59												
07:00 - 07:59												
08:00 - 08:59												
09:00 - 09:59												
10:00 - 10:59							19					
11:00 - 11:59												
12:00 - 12:59					9							
13:00 - 13:59					1	22						2
14:00 - 14:59												
15:00 - 15:59		3										2
16:00 - 16:59												
17:00 - 17:59		1										
18:00 - 18:59		4	3				1	9				7
19:00 - 19:59	11	2	55	8			2	4				16
20:00 - 20:59	11	26	9	6		7	2	12		45		9
21:00 - 21:59	19	17	5	10			3	5				2
22:00 - 22:59	4	5	14	6	10		4	8	60			
23:00 - 23:59		2	9	7	8	7	49				32	
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG px	HOL rb	ITA ado	SCT ds	SCT prk
<b>NDBs:</b>	<b>54</b>	<b>61</b>	<b>110</b>	<b>63</b>	<b>28</b>	<b>88</b>	<b>94</b>	<b>38</b>	<b>75</b>	<b>45</b>	<b>53</b>	<b>42</b>

**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	SCT ds	SCT prk	NDBs
1	212.0			1										1
2	230.0	1	1	2										2
2	231.0	1	1	2	1		1	1		1				2
1	258.5			1			1							1
1	267.5		1	1	1		1	1		1	1			1
2	284.5		1	2	1		1	1		1	1			2
1	288.5			1	1	1	1	1						1
1	311.5			1	1									1
1	312.5			1										1
1	328.5			1	1		1	1	1	1				1
1	332.5			1	1	1	1	1	1	1				1
1	342.5		1	1	1	1	1	1	1	1	1			1
1	345.5		1	1	1			1	1					1
1	347.5			1	1		1	1	1					1
1	351.5		1	1	1				1					1
1	352.5			1			1	1	1	1				1
1	353.5			1	1	1	1	1	1	1				1
1	357.5		1	1	1		1	1	1	1	1			1
1	360.5		1	1	1	1	1	1	1		1			1
1	362.5			1	1	1	1	1	1	1				1
1	367.5			1	1	1	1	1	1	1				1
1	370.5		1	1	1		1	1	1	1	1			1
1	383.5								1					1
1	388.5		1	1	1	1	1	1	1	1	1			1
1	391.5			1		1	1	1	1					1
5	400.0	3	4	5	3	1	5	5	1	4	4	4	2	5
1	400.5			1	1		1	1		1		1	1	1
4	401.0	3	1	3	2		4	4	1	4	1	3	3	4
4	402.0	2	2	3	2		2	2		2		3	2	4
1	402.5			1			1	1	1	1		1	1	1
4	403.0	2	2	3	2		4	3		2		2	2	4
8	404.0	6	7	8	5	4	8	8	5	7	4	7	5	8
7	405.0	2	2	7	2		4	4	1	4	2	1	1	7
4	406.0	4	1	2		2	2	2	1	2	1	4	3	4

1	406.5	1	1	1	1	1	1	1	1	1	1	1	1	1
4	407.0	2	2	3	2	2	3	2	2	2	2	2	2	4
4	408.0	3	2	3	1	4	3	3	3	3	1	1	4	4
2	409.0	1	1	1	1	2	2	1	1	1	1	1	2	2
8	410.0	3	4	7	5	2	5	6	2	5	2	5	5	8
1	411.0	1	1	1	1	1	1	1	1	1	1	1	1	1
6	412.0	3	3	5	4	2	5	6	3	4	5	4	6	6
3	413.0	1	1	2	1	3	3	3	1	2	2	2	3	3
5	414.0	2	2	5	2	1	4	4	1	2	2	3	5	5
7	415.0	2	1	5	1	1	3	3	3	3	2	3	1	7
5	416.0	3	3	5	1	2	4	1	3	2	1	2	5	5
3	417.0	2	2	3	2	2	3	3	1	3	3	3	3	3
4	418.0	4	4	4	4	2	3	1	3	3	3	2	1	4
2	419.0	2	2	2	2	1	2	2	1	2	2	2	2	2
1	433.5	1	1	1	1	1	1	1	1	1	1	1	1	1
1	474.5	1	1	1	1	1	1	1	1	1	1	1	1	1
1	514.5	1	1	1	1	1	1	1	1	1	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	SCT ds	SCT prk	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
402.0	MQ	Miquelon (Grande Miquelon)		SPM	ds	0112
212.0	RG	Ufa		RUS	hw	1955
230.0	HSA	Esfahan / Hesa		IRN	hw	0045
231.0	CH	UNID - Baranovichi, BLR ???		XUE	hw	1955
284.5	LVK	Namsos / Leirvika		NOR	hw	2310
312.5	AT	Mys Aytodorskiy		UKR	hw	2136
402.0	YZD	Yazd Shahid Sadooghi		IRN	hw	0005
405.0	OM	Volgograd-Marinovka		RUS	hw	0105
405.0	OW	Cherepovets		RUS	hw	2015
407.0	AP	Ashgabat		TKM	hw	2245
410.0	NAJB	UNID		XUA	hw	0030
415.0	DR	Skurygino		RUS	hw	2230
415.0	WN	Vinnitsa		UKR	hw	1840
416.0	CAY	UNID		XLUU	hw	2345
415.0	LM	Tsentralny / Orenburg		RUS	my	0112
407.0	BCR	Bechar		ALG	nw	2345
410.0	WEN	UNID		XUU	prk	1555
383.5	LE	Leicester		ENG	px	2208

#### FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN** CLE312 190-239,9 kHz / 400-419,9 kHz - 24.01.2025 - 27.01.2025  
**NOW** CLE319 190-239,9 kHz / 400-419,9 kHz 22.08.2025 - 25.08.2025

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE my	892	1071	58	58	66	54	2337	2916
CZE ze	857	857	57	52	66	61	2369	2003
DEU hw	1285	1259	147	133	116	110	4156	4184
DEU je	1518	892	100	55	67	63	5490	1932
ENG bk	777	605	36	17	46	28	1761	1773
ENG jms	1136	1295	87	114	77	88	3811	3699
ENG nw	1302	1262	135	117	107	94	4319	3902
ENG px	709	756	26	29	37	38	1891	2004
HOL rb	1051	1075	75	81	71	75	4378	3004
ITA ado	882	876	45	39	51	45	2095	2141
SCT ds	1325	1561	82	83	62	53	3239	3594
SCT prk	857	1447	47	59	55	42	1866	3274
<b>Averages:</b>	<b>1049</b>	<b>1080</b>	<b>75</b>	<b>70</b>	<b>68</b>	<b>63</b>	<b>3143</b>	<b>2869</b>
<b>% Increase:</b>		<b>3</b>		<b>-6</b>		<b>-9</b>		<b>-9</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.

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 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!

