

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 (RX ID 1119 / JN69gw)
DEU	hw	Hartmut Wolff, Near Wolfsburg
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greateorex, Bolsover, Derbyshire
HOL	prk	Peter Reuderink, Woerden
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	ado	Andrea Dalbagno, Gazzadina
ITA	vti	Vittorio De Tomasi, near Varese

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	ENG jms	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA vti
ALG	432.0	HMB	Hammam Bou Hadjar for Oran			23							
AUT	320.0	RUM	Innsbruck / Rum				23	00					
AUT	358.0	TUN	Tulln for Schwechat					23				19	
AUT	374.0	KFT	Klagenfurt						22				
AUT	410.0	SI	Salzburg							21		19	
AUT	418.0	ZW	Zeltweg	21	20						22		
AUT	420.0	INN	Innsbruck			19		23				19	
AZR	351.0	PD	Ponta Delgada				22						
AZR	360.0	HT	Horta / Faial Island				23						
AZR	380.0	FIL	Horta / Faial Island			21							
AZR	420.0	PI	Madalena / Pico Island					00					
AZR	428.0	GC	Santa Cruz de Graciosa								01		
BAL	384.0	ADX	Andraitx for Palma de Mallorca									19	
BIH	405.0	IL	Sarajevo / Ilidza									19	20
BRI	316.0	BJO	Bjornoya / Bear Isl								22		
COR	375.0	CV	Calvi / Ste Catherine	23	23	19	23						
CZE	345.5	CF	Caslav / Chotusice / Centograf		20								
CZE	432.0	PK	Pardubice / Prvek			00							
DEU	318.0	HIG	Bremen		21								
DEU	330.0	ABU	Altenburg / Nobitz	18	20		23	23			01		
DEU	338.0	MNW	Munchen					01	22				
DEU	340.0	ZIG	Leipzig										
DEU	358.0	MSE	Munchen					01				19	
DEU	368.0	BYC	Buckeburg			18				20			
DEU	369.0	MNE	Munchen								00		
DEU	400.0	MSW	Munchen		20					20		19	
DNK	321.0	VO	Vojens / Skrydstrup								00		
DNK	328.0	VJ	Stauning						21				
DNK	384.0	TL	Aarhus							23			
ENG	316.0	EPM	Epsom for Heathrow					12		20	00		
ENG	323.0	SBL	Sherburn-In-Elmet						20				
ENG	328.0	BLK	Blackbushe						20				
ENG	370.0	CUL	Culdrose RNAS						22				
ENG	385.0	WL	Barrow / Walney Isl			02	23						
ESP	345.0	VTA	Vitoria			01	23	23			23		
ESP	380.0	VNV	Vilanova i la Geltru			19							
ESP	404.0	LRD	Lerida	20	21	19	23	23	23	00		19	
FRA	321.0	ABY	Albert / Bray								00		
FRA	321.0	TL	Tarbes / Ossun / Lourdes								22		
FRA	338.0	GU	Brest / Guipavas					12					
FRA	351.0	BSC	Brive / Souillac				23						
FRA	351.0	OSA	Ouessant						20	20			
FRA	358.0	BRS	Biscarosse / Parentis					23					
FRA	358.0	RNN	Roanne / Renaison					23				19	
FRA	369.0	CM	Avignon / Caumont								00		
FRA	380.0	HO	Colmar / Housen			18							
FRA	395.0	OB	Marseille / Provence								00		
FRA	397.0	BLB	Blois / Le Breuil	22	23		23	12		02		19	
FRA	397.0	PO	Pau / Pyrenees	21	23		23	23				19	
FRA	397.0	ZR	Beziers / Vias	22	20		23	23				19	
FRA	398.0	LRN	Lorquin / Xouaxange						22				
FRA	398.0	MT	St Nazaire / Montoir						22				
FRA	404.0	MRV	Merville / Calonne	22	21	20	23	12	20	20		19	
FRA	410.0	ETN	Etain / Rouvres							23		19	
FRA	418.0	SAL	Sainte Leocadie	21	23						22		
FRA	420.0	LMT	Auch / Lamothe			03		23					
FRA	424.0	PHG	Phalsbourg / Bourscheid	20									
FRA	428.0	BST	Lanveoc / Poulmic								22		
FRA	428.0	MUS	Nice / Cote d'Azur								00		
FRA	430.0	SN	St Yan			19							
FRA	432.0	PRD	Peyrehorade			03							
FRO	348.0	VG	Vagar			20		03					





17:00 - 17:59	3		6		2								
18:00 - 18:59			17								24		
19:00 - 19:59	7	20	10		3	8	10						2
20:00 - 20:59	11	9	2	4		5	1						
21:00 - 21:59	11	3	5	1	1	12			15				
22:00 - 22:59	9	5	11	43	37	2	6	7					
23:00 - 23:59													
UTC (hh)	CZE my	CZE ze	DEU hw	ENG jms	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA vti			
NDBs:	41	37	64	49	58	27	33	44	24	2			

### 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	ENG jms	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA vti	NDBs
7	316.0					6		4	5			7
2	318.0		2									2
3	320.0				3	3						3
3	321.0								3			3
2	323.0						2					2
2	328.0						2					2
1	328.5						1					1
7	330.0	5	5		5	6			6	2		7
5	338.0					5						5
3	340.0						3					3
9	345.0	6	2	8	6	8		3	7			9
1	345.5		1									1
8	348.0			8	6	7			4			8
5	351.0				5		3	3				5
1	351.5				1		1					1
3	355.0	3							3			3
6	358.0					6				3		6
5	360.0	4	3		5							5
6	368.0			6				3				6
4	369.0								4			4
1	370.0						1					1
1	372.0										1	1
2	374.0						2					2
7	375.0	6	3	6	6		2	3				7
6	380.0			6								6
5	384.0							4		2		5
6	385.0			6	4							6
3	395.0								3			3
5	397.0	4	4		3	4		1		3		5
4	398.0						4					4
5	400.0		5					4		2		5
1	403.0						1					1
7	404.0	6	5	7	5	6	5			4		7
2	405.0									2	1	2
3	410.0							3		2		3
2	412.0		2							1		2
5	418.0	5	5						5			5
7	420.0			6		7				3		7
2	424.0	2										2
4	428.0								4			4
5	430.0			5								5
6	432.0			6								6
NDBs	QRG	CZE my	CZE ze	DEU hw	ENG jms	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA vti	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
384.0	ADX	Andraitx for Palma de Mallorca		BAL	ado	1906
405.0	JST	Nis / Justic		SRB	ado	1906
348.0	OR	Borisoglebsk		RUS	hw	2230
368.0	GR	Mo I Rana / Rossvold / Gruben		NOR	hw	2310
368.0	OY	Sveg		SWE	hw	0020
368.0	W	Kursk		RUS	hw	2010
380.0	BW	Moscow / Sheremetyevo		RUS	hw	1930
380.0	CBL	Campbeltown		SCT	hw	2310
380.0	FIL	Horta / Faial Island		AZR	hw	2145
380.0	HO	Colmar / Housen		FRA	hw	1855
380.0	ULA	Ula / BP Platform		XOE	hw	2310
380.0	VNV	Vilanova i la Geltru		ESP	hw	1912
385.0	MSD	Mashhad		IRN	hw	0010
385.0	VNS	Trondheim / Vaerrnes		NOR	hw	0020
404.0	KG	Stokmarknes / Kjerringnes		NOR	hw	0235
430.0	AJ	Staritza		RUS	hw	1930
430.0	LU	Batumi		GEO	hw	2310
430.0	MB	Chemukha		RUS	hw	2230
430.0	SN	St Yan		FRA	hw	1930
430.0	TA	UNID		XUF	hw	2010
432.0	GAZ	Gaziantep / Oguzeli		TUR	hw	2230
432.0	HMB	Hammam Bou Hadjar for Oran		ALG	hw	2350
432.0	IZD	Ohrid / Izdeglavije		MKD	hw	2010
432.0	PK	Pardubice / Prvek		CZE	hw	0030
432.0	PRD	Peyrehorade		FRA	hw	0315
432.0	ZAR	Zwara (= 6SH)		LBY	hw	2350
351.0	BSC	Brive / Souillac		FRA	jms	2350

351.0	PD	Ponta Delgada	AZR	jms	2225
360.0	HT	Horta / Faial Island	AZR	jms	2350
424.0	PHG	Phalsbourg / Bourscheid	FRA	my	2001
424.0	PIS	Zagreb / Pleso / Pisarovina	HRV	my	2004
316.0	GZP	Gazipasa	TUR	nw	2300
316.0	RE	Reykjaneskoli	ISL	nw	0200
330.0	PM	Pechora	RUS	nw	2000
338.0	GU	Brest / Guipavas	FRA	nw	1205
338.0	MNW	Munchen	DEU	nw	0100
338.0	OA	Jonkoping	SWE	nw	2300
338.0	RST	Rost	NOR	nw	2000
338.0	TIM	Timisoara	ROU	nw	2300
345.0	SR	Sykytykar	RUS	nw	2200
358.0	A	UNID	XUE	nw	1830
358.0	BRS	Biscarosse / Parentis	FRA	nw	2300
358.0	PC	UNID	XUU	nw	2000
420.0	PI	Madalena / Pico Island	AZR	nw	0000
384.0	SLG	Sligo	IRL	prk	0200
384.0	TL	Aarhus	DNK	prk	2300
384.0	TY	Torsby / Fryklanda	SWE	prk	0100
410.0	K	Kaliningrad / Khrabrovo	KAL	prk	0000
323.0	SBL	Sherburn-In-Elmet	ENG	px	2026
323.0	WPL	Welshpool	WLS	px	2026
328.5	EGT	Londonderry / Eglinton	NIR	px	2029
328.0	BLK	Blackbushe	ENG	px	2035
328.0	VJ	Stauning	DNK	px	2150
340.0	HAW	Hawarden	WLS	px	2039
340.0	HEI	Heidrun	XOE	px	2154
340.0	ZIG	Leipzig	DEU	px	2250
370.0	CUL	Culdrose RNAS	ENG	px	2250
374.0	BL	Forde / Bringeland	NOR	px	2256
374.0	KFT	Klagenfurt	AUT	px	2208
398.0	LRN	Lorquin / Xouaxange	FRA	px	2225
398.0	MT	St Nazaire / Montoir	FRA	px	2207
398.0	OK	Connaught	IRL	px	2121
398.0	PEO	Stockholm / Skavsta / Peola	SWE	px	2313
403.0	OJ	Jonkoping	SWE	px	2227
316.0	BJO	Bjornoya / Bear Isl	BRI	rb	2205
321.0	ABY	Albert / Bray	FRA	rb	0005
321.0	TL	Tarbes / Ossun / Lourdes	FRA	rb	2202
321.0	VO	Vojens / Skrydstrup	DNK	rb	0005
330.0	HN	Hornafjordur	ISL	rb	2202
369.0	CM	Avignon / Caumont	FRA	rb	0005
369.0	MNE	Munchen	DEU	rb	0005
369.0	OO	Ornskoldsvik	SWE	rb	0102
369.0	STG	Stegen	NOR	rb	2205
395.0	FOY	Foynes for Shannon	IRL	rb	0202
395.0	KW	Kirkwall / Orkney Isl.	ORK	rb	2302
395.0	OB	Marseille / Provence	FRA	rb	0005
428.0	BST	Lanveoc / Poulmic	FRA	rb	2202
428.0	GC	Santa Cruz de Graciosa	AZR	rb	0102
428.0	MUS	Nice / Cote d'Azur	FRA	rb	0005
428.0	TGM	Targu Mures / Vidrasau	ROU	rb	2202
372.0	CE	Osijek / Cepin	HRV	vti	2052
318.0	HIG	Bremen	DEU	ze	2110
318.0	KLP	Dubrovnik / Kolocep	HRV	ze	2116
345.5	CF	Caslav / Chotusice / Centograf	CZE	ze	2042
397.0	BSV	Boboc	ROU	ze	2016
400.0	C6XT6	ABDULHAMID HAN	XOE	ze	2144
412.0	HUM	Humac	HRV	ze	2026

**FREQUENCIES REVISITED - Progress Statistics**

(Please see the explanation below)

**THEN** CLE306 190-1740 kHz 26.07.2024 - 29.07.2024  
**NOW** CLE327 190-1740 kHz 24.04.2026 - 27.04.2026

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE my	1136	1090	35	45	31	41	2834	2593
CZE ze (RXX ID 1119)	985	832	31	30	31	37	1971	1857
DEU hw	1453	1515	92	94	65	64	3982	4564
ENG jms	997	1581	30	77	31	49	2059	5266
ENG nw	1304	1451	72	80	57	58	3574	3445
ENG px	823	855	15	23	18	27	2146	2146
HOL prk	958	1011	31	33	32	33	1934	1936
HOL rb	1305	1270	59	56	46	44	4674	2809
ITA ado	738	662	18	16	25	24	1988	1396
<b>Averages:</b>	<b>1078</b>	<b>1141</b>	<b>42</b>	<b>50</b>	<b>37</b>	<b>42</b>	<b>2796</b>	<b>2890</b>
<b>% Increase:</b>		<b>6</b>		<b>19</b>		<b>12</b>		<b>3</b>

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
ITA vti		774		2		2		787
<b>Averages:</b>		<b>774</b>		<b>2</b>		<b>2</b>		<b>787</b>
<b>% Increase:</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.

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 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!