

## 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 'Pohorany', CZE (rCZEph / JN89qq)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
DEU	rhm	Raik Hodam, Neubukow
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	jms	John Mills, Chelmsford, Essex
ENG	mhm	Mark Hattam, St Just in Penwith *
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
HOL	prk	Peter Reuderink, Woerden
HOL	rb	Roelof Bakker, Middelburg, Zeeland *
ITA	ado	Andrea Dalbagnò, Gazzadina
ITA	ci	Daniele Cristaldini, Mulazzano
ITA	mmi	Maurizio Marini, Lodi
SCT	ds	David Atkins, Tighnabruaich, Argyll

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)

\* Chosen channels not advised before the CLE

## 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	DEU rhm	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds
ALG	423.0	BJA	Bejaia / Soummam	23															
ALG	432.0	HMB	Hammam Bou Hadjar for Oran								23								
ALG	435.0	IGZ	In Guezzam			02													
ARS	394.0	RAS	Ras Al-Mishab Airport																00
AUT	358.0	TUN	Tulln for Schwechat													21		20	
AUT	420.0	INN	Innsbruck									23				21	19	20	
AZR	380.0	FIL	Horta / Faial Island															20	23
AZR	420.0	PI	Madalena / Pico Island									22							
BAL	384.0	ADX	Andraitx for Palma de Mallorca		20									23					
BAL	394.0	IZA	Ibiza								01								
BAL	401.0	PTC	Porto Colom for Palma De Mallorca																23
BEL	352.5	DD	Oostende						12										
BEL	355.0	ONW	Antwerpen / Deurne												23				
BEL	360.5	MAK	Mackel for Brussels Ntl		21								15						
BIH	340.0	BLK	Banja Luka									23							
BIH	397.0	LU	Banja Luka		21		23			00		23				21			
BIH	405.0	IL	Sarajevo / Ilidza													21			
BUL	350.0	DWN	Devnya For Varna	20	21														
CNR	365.0	VR	Gran Canaria / Las Palmas			03													
COR	365.0	RB	Ajaccio / Campo del Oro				02												
COR	375.0	CV	Calvi / Ste Catherine			22	21					01		02				20	
CYP	435.0	GKE	Gecitkale / Gazimagosa International			02													
CZE	300.0	KD	Kbely / Praha East	18															
CZE	345.5	CF	Caslav / Chotusice / Centograf			20			23					02					
CZE	365.0	L	Karlovy Vary / Vrata			19	01												
CZE	372.0	L	Prague / Ruzyne / Liboc	17															
CZE	432.0	PK	Pardubice / Prvek													21			
DEU	318.0	HIG	Bremen																
DEU	330.0	ABU	Altenburg / Nobitz	17	20	19	20			00		23		01	23			01	
DEU	338.0	MNW	Munchen			22							22						
DEU	340.0	ZIG	Leipzig									23							
DEU	352.0	LAA	Niederrhein					12											
DEU	358.0	MSE	Munchen													21		20	
DEU	365.0	LJ	Koln / Bonn			19	01												
DEU	368.0	BYC	Buckeburg									12						20	
DEU	369.0	MNE	Munchen												23				

DEU	372.0	NOR	Nordholz	20														
DEU	378.0	WSN	Weser							20							23	
DEU	394.0	LYE	Lubeck / Blanckensee					00						00			20	
DEU	400.0	MSW	Munchen															
DEU	405.0	GRW	Grafenwohr										21					
DNK	321.0	VO	Vojens / Skrydstrup											23				
DNK	328.0	VJ	Stauning			02				15				23				
DNK	384.0	TL	Aarhus											23				23
DNK	400.5	EJ	Esbjerg											00			22	
ENG	316.0	EPM	Epsom for Heathrow				01							23				
ENG	318.0	BPL	Blackpool						00									
ENG	321.0	STM	Scilly Isles / St Mary											23				
ENG	328.0	BLK	Blackbushe			02				21								
ENG	332.0	SHM	Shoreham					12										
ENG	332.5	CAM	Cambridge					12										
ENG	352.0	NT	Newcastle					12										
ENG	352.0	WOD	Woodley					12										
ENG	365.0	KIM	Kirmington			00												
ENG	368.5	WHI	Whitegate for Hawarden													01		
ENG	370.0	CUL	Culdrose RNAS	00														
ENG	385.0	WL	Barrow / Walney Isl														12	
ENG	393.0	EMW	East Midlands							15								
ENG	423.0	CWL	Cranwell	01														
ESP	328.0	HIG	San Sebastian				19				21							
ESP	330.0	G	Gerona / Costa Brava	01		02											01	
ESP	345.0	VTA	Vitoria			02								23				
ESP	380.0	VNV	Vilanova i la Geltru		22		02										20	23
ESP	387.0	AV	Asturias / Aviles						23									
ESP	395.0	B	Bilbao						01					23				
ESP	401.0	COA	La Coruna															23
ESP	404.0	LRD	Lerida			19	02			23	23	20	23		21			
ESP	412.0	GRN	Gerona		20													
ESP	417.0	CVT	Madrid / Cuatro Vientos					23										
ESP	420.0	SPP	Sevilla / San Pablo							23							03	
ESP	421.0	GE	Madrid / Grinon		21													
ESP	433.0	JER	Jerez						23									
ESP	433.0	VON	Vigo						23									
FIN	328.0	KIT	Kittila			23												
FRA	321.0	ABY	Albert / Bray											23				
FRA	321.0	TL	Tarbes / Ossun / Lourdes											23				
FRA	330.0	MB	Montbeliard / Courcelles	20	20	22	02							23		22	20	
FRA	338.0	GU	Brest / Guipavas			00			00		23							
FRA	351.0	BSC	Brive / Souillac							22								

FRA	351.0	OSA	Ouessant						21								
FRA	358.0	BRS	Biscarosse / Parentis												20		
FRA	358.0	RNN	Roanne / Renaison									21			20		
FRA	368.0	TLB	Toulouse / Blagnac						23						20		
FRA	369.0	CM	Avignon / Caumont										23				
FRA	375.0	BRG	Bourges			23	02			00			00		20		
FRA	378.0	LU	Le Luc / Le Cannet													23	
FRA	380.0	HO	Colmar / Houssen		20		01								20	23	
FRA	394.0	NV	Nevers / Fourchambault						00							23	
FRA	395.0	OB	Marseille / Provence										23			23	
FRA	397.0	BLB	Blois / Le Breuil		20		00		23			12	23		21	23	
FRA	397.0	PO	Pau / Pyrenees		21							23	02		21		
FRA	397.0	ZR	Beziers / Vias		20		21					23	00		21		23
FRA	398.0	LRN	Lorquin / Xouaxange						00								
FRA	398.0	MT	St Nazaire / Montoir						00								
FRA	404.0	AGO	Angouleme / Brie Champniers			19	02		00			23	00		21		
FRA	404.0	CNE	Caen / Carpiquet			00	02		12	00		12	00				
FRA	404.0	MRV	Merville / Calonne			19	00		12	00	23	12	15	22	21		
FRA	420.0	LMT	Auch / Lamothe									23				00	
FRA	423.0	TS	Toulouse / Blagnac	21													
FRA	428.0	CTX	Chateauroux / Deols										21		23		
FRA	428.0	MUS	Nice / Cote d"Azur												23		
FRA	430.0	SN	St Yan	21													
FRA	432.0	PRD	Peyrehorade											21			
FRO	348.0	VG	Vagar				01							23			
GEO	430.0	LU	Batumi	21													
HNG	400.0	BC	Bekescsaba										02			20	
HNG	412.0	PP	Pecs / Pogany		21										21		
HRV	316.0	TNJ	Tounj				22							23			
HRV	318.0	KLP	Dubrovnik / Kolocep						00								
HRV	330.0	ZRA	Zadar / Kakman	20	21	19	22		00		23			23	13	20	
HRV	348.0	ZK	Zadar				21							23		20	
HRV	350.0	SK	Zagreb / Pleso / S. Kraljevec	20	20												
HRV	351.5	PLA	Pula					22									
HRV	369.0	VRS	Vrsar											23			
HRV	372.0	CE	Osijek / Cepin	21													
HRV	385.0	BO	Zadar / Bokanjac						00								23
HRV	397.0	CV	Dubrovnik / Cavtat		22		01		00		23				21		
HRV	400.0	BRZ	Rijeka / Krk / Breza										02			20	
HRV	412.0	HUM	Humac												21		
HRV	421.0	SAL	Zadar / Sali		21												
IRL	316.0	OE	Dublin				01							23			
IRL	368.0	WTD	Waterford								12					20	

[illegible]

ROU	404.0	BMR	Baia Mare			19	22			00		23		23		21		
ROU	428.0	TGM	Targu Mures / Vidrasau								20					19		
RUS	300.0	LM	Ryazan / Dyagilevo	23														
RUS	330.0	NZ	Ust-Labinsk			22						21						
RUS	338.0	A	Moscow / Sheremetyevo			23												
RUS	338.0	M	Moscow / Sheremetyevo			21												
RUS	345.0	KO	Tikhoretsk			21						21						
RUS	345.0	YAT	Tula / Klokov			20												
RUS	350.0	UK	Yukhnov	23	21													
RUS	360.0	BD	Bogdanovo		20													
RUS	360.0	TS	Zadonsk		20													
RUS	365.0	AD	Sochi			22												
RUS	370.0	NK	Nizhnekamsk / Begishevo	01														
RUS	370.0	RT	Moscow / Ramenskoe	21														
RUS	375.0	BW	Balakovo			22						23						
RUS	375.0	DB	Pochinok			20						23						
RUS	430.0	AJ	Staritza	21														
RUS	430.0	MB	Chemukha	21														
RUS	435.0	ER	Yegorlykskaya			22												
RUS	435.0	LG	Chkalovskij			19												
SAR	316.0	CAL	Cagliari / Elmas										23					
SCT	316.0	BRR	Barra				01											
SCT	328.0	IVR	Inverness			22					21							
SCT	348.0	ATF	Aberdeen / Dyce				23									01		
SCT	355.0	PIK	Prestwick										23					
SCT	368.0	UW	Edinburgh									23						
SCT	380.0	CBL	Campbeltown				00											12
SCT	394.0	DND	Dundee					00										12
SCT	395.0	LAY	Islay						01				01					12
SCT	401.0	BBA	Benbecula															12
SCT	404.0	OBN	N. Connell / Oban			23						23						
SCY	412.0	SIG	Sigonella (CT)		21										21			
SHE	351.0	SBH	Sumburgh Head						23		15							
SRB	300.0	PV	Novi Sad / Cenej / Petrovaradin	20												19		
SRB	316.0	JA	Beograd				21						23					
SRB	330.0	ML	Kraljevo	20	20	19	00					23		23		23	20	
SRB	348.0	TPL	Topola				20							23			20	
SRB	355.0	OBR	Beograd / Obrenovac										23					
SRB	405.0	JST	Nis / Justic												21			
SRB	423.0	ZO	Nis / Zitoradja	21														
SRB	435.0	BR	Brdjani			19												
SUI	375.0	GLA	Gland for Geneva / Cointrain			19	00			00		23		00			20	
SVK	330.0	OB	Bratislava / M.R Stefanik / South	18	20	19	20			00		23		22	23		20	

SVK	404.0	ZLA	Zilina			19					01				21				
SVK	412.0	FS	Sliac		22														
SVN	355.0	MI	Maribor											23					
SWE	328.0	DK	Vilhemina	00	21	23					23	15		23					
SWE	330.0	SKS	Karlstad			22	21												
SWE	338.0	OA	Jonkoping			19													
SWE	348.0	WA	Stockholm / Arlanda				00												
SWE	349.0	JX	Vaxjo / Kronoberg	20							23			23					
SWE	368.0	OY	Sveg																
SWE	369.0	NL	Goteborg / Landvetter																
SWE	375.0	KD	Kristanstad / Everod			02	21												
SWE	375.0	RB	Orebro		21	19	21			00	23			23	23		22		
SWE	384.0	TY	Torsby / Fryklanda																
SWE	397.0	LM	Borlange / Rommehed / Falun																
SWE	398.0	PEO	Stockhlom / Skavsta / Peola																
SWE	400.0	EN	Orebro							00				00			00		
SWE	421.0	BL	Borlange / Rommehed / Falun			20													
SWE	421.0	MF	Halmstad		22														
TUR	397.0	VAN	Van								23								
UZB	435.0	ZR	Nukus			23													
WLS	340.0	HAW	Hawarden								12								
XOE	340.0	HEI	Heidrun						23	00	23			23			22		
XOE	375.0	EKO	Ekofisk L			21	23												
XOE	380.0	ULA	Ula / BP Platform																
XUF	330.0	KN	UNID			22				00	01			23		22	20		
XUU	358.0	OR	UNID								01						01		
XUU	358.0	PC	UNID																
XUU	420.0	BF	UNID																
XUU	435.0	UAP	UNID					22											
Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds

## COUNTRIES HEARD:

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

Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds	Total
ALG	Algeria	1		1					1									3
ARS	Saudi Arabia																1	1
AUT	Austria									1				2	1	2		2
AZR	Azores									1						1	1	2

BAL	Balearic Islands		1					1			1				1	3
BEL	Belgium		1				1			1		1				3
BIH	Bosnia-Herzegovina		1		1			1		2			2			3
BUL	Bulgaria	1	1													1
CNR	Canary Islands			1												1
COR	Corsica			1	2					1					1	2
CYP	Cyprus			1												1
CZE	Czechia	2		2	1		1				1		1			5
DEU	Germany	2	1	3	2		1	3		3	2	2	2	2	4	14
DNK	Denmark			1							1	2	1		1	4
ENG	England	2		2	1		4	1			2		2		1	14
ESP	Spain	1	3	4	2		1		5	4	2	1	2	1	3	14
FIN	Finland			1												1
FRA	France	3	5	6	8		3	8	2	10	3	7	5	7	3	29
FRO	Faroe Islands				1								1			1
GEO	Georgia	1														1
HNG	Hungary		1									1		1		2
HRV	Croatia	3	4	1	4	1		4		2		1	4	2	1	13
IRL	Ireland				2		1	1	2	2	1	2	2		1	7
IRN	Iran	1		1									3			5
ISL	Iceland			3	3		1	1		3		1	3			5
LBY	Libya			1	1									1		3
LTU	Lithuania							1								1
MEL	Melilla								1							1
MKD	Macedonia													1		1
MNE	Montenegro (Yugoslavia)			1						2			1	1	1	2
MRC	Morocco			1			1			1			1			1
NIR	Northern Ireland			1						1	1				1	2
NOR	Norway			4	1		1	1		2		3	3			7
ORK	Orkney Islands												1			1
POL	Poland			1				1		1		1	1			2
ROU	Romania	2	2	2	1			2		1	2	1		1	1	9
RUS	Russia (European)	6	3	10						4						18
SAR	Sardinia												1			1
SCT	Scotland			2	3			1	1	2	1		2		1	10
SCY	Sicily		1											1		1
SHE	Shetland Islands								1		1					1
SRB	Serbia (Yugoslavia)	3	1	2	3					1			4	1	2	8
SUI	Switzerland			1	1			1		1		1			1	1
SVK	Slovakia	1	2	2	1			1		2		1	1	1		3
SVN	Slovenia												1			1
SWE	Sweden	2	4	5	4			2		4	1	4	3		2	15
TUR	Turkey									1						1



UZB	Uzbekistan			1														1
WLS	Wales								1									1
XOE	Int Waters: Europe			1	1		1	1		2		1				2	1	3
XUF	UNID (Africa?)			1				1		1			1		1	1		1
XUU	UNID (No idea where)			1						1						3		4
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds	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	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds
00:00 - 00:59	2		5	7			31	1			11				2	3
01:00 - 01:59	3		3	10				4	4		2	2			7	
02:00 - 02:59			8	7							5					
03:00 - 03:59			1								1				1	
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																
11:00 - 11:59																
12:00 - 12:59						8			7							8
13:00 - 13:59														1		
14:00 - 14:59																
15:00 - 15:59										8						
16:00 - 16:59																
17:00 - 17:59	2															
18:00 - 18:59	2															
19:00 - 19:59			20											3		
20:00 - 20:59	10	15	3	3						3					27	
21:00 - 21:59	9	12	3	8				1	2	5			25			
22:00 - 22:59		4	13	3	1	1			1	2	2	1		2	4	
23:00 - 23:59	3		9	5		7		8	43		11	43		4		18
Gesamtergebnis	31	31	65	43	1	16	31	14	57	18	32	46	25	10	41	29
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds

	my	ze	hw	je	rh	bk	jms	mhm	nw	px	prk	rb	ado	ci	mmi	ds
NDBs:																

## 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	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds	NDBs
1	292.0								1									1
3	300.0	3													1			3
6	316.0				5								5					6
4	318.0							4										4
5	321.0												5					5
6	328.0			6							4							6
1	328.5			1							1							1
11	330.0	7	6	11	8			5		10		2	8		4	7		11
1	332.0						1											1
1	332.5						1											1
7	338.0			7							2							7
5	340.0									5								5
8	345.0			8			1			7		2	6					8
1	345.5			1			1					1						1
7	348.0				7							2	6			3		7
2	349.0	2																2
3	350.0	3	3															3
4	351.0								2		3							4
1	351.5					1												1
3	352.0						3											3
1	352.5						1											1
5	355.0												5					5
6	358.0													3		6		6
3	360.0		3															3
1	360.5		1								1							1
8	365.0			7	3													8
5	368.0									5						3		5
1	368.5															1		1
5	369.0												5					5
5	370.0	5																5
3	372.0	3																3
9	375.0			9	7		2	5		7		6				5		9

3	378.0									2							3	3
5	380.0		2		3											4	5	5
5	384.0		2									4					3	5
4	385.0							3									3	4
2	387.0								2									2
1	393.0									1								1
5	394.0							3	1								3	5
6	395.0								3				6				4	6
8	397.0		6		5		2	3		8		4		5			4	8
3	398.0							3										3
5	400.0											4				5		5
1	400.5											1				1		1
4	401.0																4	4
8	404.0			8	5		3	5	2	8	2	6		5				8
4	405.0													4				4
5	412.0		4											3				5
1	417.0						1											1
7	420.0									7				2	2	6		7
4	421.0		4															4
4	423.0	4																4
3	428.0										2				3			3
4	430.0	4																4
4	432.0								1					3				4
2	433.0								2									2
7	435.0			7														7
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	DEU rh	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	SCT ds	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
405.0	GRW	Grafenwohr		DEU	ado	2140
405.0	IL	Sarajevo / Ilidza		BIH	ado	2140
405.0	JST	Nis / Justic		SRB	ado	2140
405.0	VG	Edibb V7		LBY	ado	2140
412.0	HUM	Humac		HRV	ado	2141
432.0	IZD	Ohrid / Izdeglavlje		MKD	ado	2141
432.0	PK	Pardubice / Prvek		CZE	ado	2141
432.0	PRD	Peyrehorade		FRA	ado	2141

332.5	CAM	Cambridge	ENG	<b>bk</b>	1210
332.0	SHM	Shoreham	ENG	<b>bk</b>	1211
352.5	DD	Oostende	BEL	<b>bk</b>	1214
352.0	LAA	Niederrhein	DEU	<b>bk</b>	1214
352.0	NT	Newcastle	ENG	<b>bk</b>	1216
352.0	WOD	Woodley	ENG	<b>bk</b>	1212
417.0	CVT	Madrid / Cuatro Vientos	ESP	<b>bk</b>	2340
428.0	MUS	Nice / Cote d'Azur	FRA	<b>ci</b>	2300
378.0	LU	Le Luc / Le Cannet	FRA	<b>ds</b>	2322
385.0	WL	Barrow / Walney Isl	ENG	<b>ds</b>	1230
394.0	RAS	Ras Al-Mishab Airport	ARS	<b>ds</b>	0028
401.0	BBA	Benbecula	SCT	<b>ds</b>	1230
401.0	COA	La Coruna	ESP	<b>ds</b>	2344
401.0	PTC	Porto Colom for Palma De Mallorca	BAL	<b>ds</b>	2344
401.0	RBU	Roros / Rambu	NOR	<b>ds</b>	2344
328.0	DK	Vilhemina	SWE	<b>hw</b>	2345
328.0	KIT	Kittila	FIN	<b>hw</b>	2345
338.0	A	Moscow / Sheremetyevo	RUS	<b>hw</b>	2300
338.0	GU	Brest / Guipavas	FRA	<b>hw</b>	0030
338.0	M	Moscow / Sheremetyevo	RUS	<b>hw</b>	2100
338.0	RST	Rost	NOR	<b>hw</b>	2310
338.0	TIM	Timisoara	ROU	<b>hw</b>	1954
345.0	YAT	Tula / Klokovo	RUS	<b>hw</b>	2040
365.0	AD	Sochi	RUS	<b>hw</b>	2230
365.0	AJ	Aghajari	IRN	<b>hw</b>	0110
365.0	KIM	Kirmington	ENG	<b>hw</b>	0030
365.0	ODD	Harstad / Narvik / Evenes / Odden	NOR	<b>hw</b>	0010
365.0	VR	Gran Canaria / Las Palmas	CNR	<b>hw</b>	0314
435.0	BR	Brdjani	SRB	<b>hw</b>	1954
435.0	ER	Yegorlykskaya	RUS	<b>hw</b>	2230
435.0	GKE	Gecitkale / Gazimagosa International	CYP	<b>hw</b>	0210
435.0	IGZ	In Guezzam	ALG	<b>hw</b>	0245
435.0	LG	Chkalovskij	RUS	<b>hw</b>	1954
435.0	UAP	UNID	XUU	<b>hw</b>	2220
435.0	ZR	Nukus	UZB	<b>hw</b>	2330
316.0	BRR	Barra	SCT	<b>je</b>	0151
365.0	RB	Ajaccio / Campo del Oro	COR	<b>je</b>	0243
318.0	BPL	Blackpool	ENG	<b>jms</b>	0015
318.0	HIG	Bremen	DEU	<b>jms</b>	0015
318.0	KLP	Dubrovnik / Kolocep	HRV	<b>jms</b>	0015
318.0	OTR	Bucuresti / Otopeni	ROU	<b>jms</b>	0015
385.0	NWT	Leczyca	POL	<b>jms</b>	0015
394.0	LYE	Lubeck / Blanckensee	DEU	<b>jms</b>	0015

398.0	LRN	Lorquin / Xouaxange	FRA	jms	0015
398.0	MT	St Nazaire / Montoir	FRA	jms	0015
398.0	PEO	Stockhlom / Skavsta / Peola	SWE	jms	0015
292.0	MIA	Melilla	MEL	mhm	0013
351.0	OSA	Ouessant	FRA	mhm	2147
387.0	AV	Asturias / Aviles	ESP	mhm	2357
387.0	CML	Clonmel	IRL	mhm	2306
394.0	IZA	Ibiza	BAL	mhm	0110
432.0	HMB	Hammam Bou Hadjar for Oran	ALG	mhm	2310
433.0	JER	Jerez	ESP	mhm	2330
433.0	VON	Vigo	ESP	mhm	2325
358.0	BRS	Biscarosse / Parentis	FRA	mmi	2055
358.0	OR	UNID	XUU	mmi	0155
358.0	PC	UNID	XUU	mmi	2055
368.5	WHI	Whitegate for Hawarden	ENG	mmi	0155
400.0	ZT	Agip C97	LBY	mmi	2055
300.0	KD	Kbely / Praha East	CZE	my	1807
300.0	LM	Ryazan / Dyagilevo	RUS	my	2331
349.0	JX	Vaxjo / Kronoberg	SWE	my	2036
349.0	OPE	Bucuresti / Otopeni	ROU	my	2033
370.0	CUL	Culdrose RNAS	ENG	my	0057
370.0	NK	Nizhnekamsk / Begishevo	RUS	my	0148
370.0	OTL	Bucuresti / Otopeni	ROU	my	2052
370.0	RT	Moscow / Ramenskoe	RUS	my	2116
370.0	UMH	Uromiyeh	IRN	my	2109
372.0	CE	Osijek / Cepin	HRV	my	2105
372.0	L	Prague / Ruzyne / Liboc	CZE	my	1750
372.0	NOR	Nordholz	DEU	my	2045
423.0	BJA	Bejaia / Soummam	ALG	my	2357
423.0	CWL	Cranwell	ENG	my	0109
423.0	TS	Toulouse / Blagnac	FRA	my	2128
423.0	ZO	Nis / Zitoradja	SRB	my	2123
430.0	AJ	Staritza	RUS	my	2144
430.0	LU	Batumi	GEO	my	2132
430.0	MB	Chemukha	RUS	my	2128
430.0	SN	St Yan	FRA	my	2130
340.0	BLK	Banja Luka	BIH	nw	2315
340.0	GJ	Gjogur	ISL	nw	2315
340.0	HAW	Hawarden	WLS	nw	1200
340.0	HEI	Heidrun	XOE	nw	2315
340.0	ZIG	Leipzig	DEU	nw	2315
368.0	OY	Sveg	SWE	nw	2315
368.0	UW	Edinburgh	SCT	nw	2315

397.0	VAN	Van	TUR	<b>nw</b>	2315
420.0	PI	Madalena / Pico Island	AZR	<b>nw</b>	2245
384.0	TY	Torsby / Fryklanda	SWE	<b>prk</b>	2300
351.0	BSC	Brive / Souillac	FRA	<b>px</b>	2245
351.0	ISI	Iasi	ROU	<b>px</b>	2148
393.0	EMW	East Midlands	ENG	<b>px</b>	1510
316.0	CAL	Cagliari / Elmas	SAR	<b>rb</b>	2344
321.0	ABY	Albert / Bray	FRA	<b>rb</b>	2344
321.0	STM	Scilly Isles / St Mary	ENG	<b>rb</b>	2344
321.0	TL	Tarbes / Ossun / Lourdes	FRA	<b>rb</b>	2344
321.0	VO	Vojens / Skrydstrup	DNK	<b>rb</b>	2344
321.0	ZAJ	Zanjan	IRN	<b>rb</b>	2344
355.0	ARB	Ardabil	IRN	<b>rb</b>	2344
355.0	MI	Maribor	SVN	<b>rb</b>	2344
355.0	OBR	Beograd / Obrenovac	SRB	<b>rb</b>	2344
355.0	ONW	Antwerpen / Deurne	BEL	<b>rb</b>	2344
355.0	PIK	Prestwick	SCT	<b>rb</b>	2344
369.0	CM	Avignon / Caumont	FRA	<b>rb</b>	2344
369.0	MNE	Munchen	DEU	<b>rb</b>	2344
369.0	NL	Goteborg / Landvetter	SWE	<b>rb</b>	2344
369.0	STG	Stegen	NOR	<b>rb</b>	2344
369.0	VRS	Vrsar	HRV	<b>rb</b>	2344
351.5	PLA	Pula	HRV	<b>rhm</b>	2256
360.0	BD	Bogdanovo	RUS	<b>ze</b>	2007
360.0	O	Oradea	ROU	<b>ze</b>	2047
360.0	TS	Zadonsk	RUS	<b>ze</b>	2040
412.0	FS	Sliac	SVK	<b>ze</b>	2204
412.0	GRN	Gerona	ESP	<b>ze</b>	2039
421.0	BL	Borlange / Rommehed / Falun	SWE	<b>ze</b>	2059
421.0	GE	Madrid / Grinon	ESP	<b>ze</b>	2104
421.0	MF	Halmstad	SWE	<b>ze</b>	2206
421.0	SAL	Zadar / Sali	HRV	<b>ze</b>	2111

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN  
NOW

No previous CLE used these 'rules'

CLE306 190-1740 kHz 26.07.2024 - 29.07.2024

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE my		1136		35		31		2834
CZE ze		985		31		31		1971
DEU hw		1453		92		65		3982
DEU je		1096		47		43		2940
DEU rhm		1027		1		1		1027
ENG bk		673		11		16		2130
ENG jms		997		30		31		2059
ENG mhm		918		13		14		1683
ENG nw		1304		72		57		3574
ENG px		823		15		18		2146
HOL prk		958		31		32		1934
HOL rb		1305		59		46		4674
ITA ado		738		18		25		1988
ITA ci		635		6		10		1161
ITA mmi		926		34		41		3229
SCT ds		1364		40		29		5277
<b>Averages:</b>		<b>1021</b>		<b>33</b>		<b>31</b>		<b>2663</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 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 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!

CLE306\_Results\_REU.xls / NH Ver. 1.0.62

je/bk - 31.07.2024