

**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	bk	Brian Keyte, Bookham, Surrey
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
ENG	yk	Dave Robson, York
HOL	rb	Roelof Bakker, Middelburg, Zealand
ITA	wb	William G Buchanan, Alessandria
NOR	gl	Geir Laastad, Svelvik
SCT	ds	David Atkins, Tighnabruaich, Argyll
SWE	bb	Bengan Bengtsson, Juoksengi

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 lk	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb
ALG	268.0	ZAR	Zarzaitine				23												
ALG	490.0	TFR	Tafaroui			22	20		22		19	19		02	22				
ALG	510.0	BL	Blida			21	21				03	01		02	23				
BIH	445.0	TU	Tuzla	21	17	21	18	02	22	02	03	18		19	17		01		00
BLR	458.0	QM	Minsk / Machulishchi					02				03			02				

ROU	517.0	ARD	Arad	21	20	20	18	20	20	00	03	18	20	19	20	18	01	00	00
ROU	520.0	B	Bacau	22	20	17	16	00				18	20	19	01		01	00	00
ROU	521.0	BSW	Bucuresti / Baneasa	22	20	16	16	20	23			18	20	19	20	21	01	00	00
RSE	450.0	BN	Bovanenkovo																00
RSE	452.0	LB	Balandino				22												
RSE	615.0	N	Nyagan				17												
RSE	670.0	MZ	Chelyabinsk / Shagol				22												
RSE	707.0	BD	Khanty-Mansiysk				22												
RSE	707.0	ZJ	Khanty-Mansiysk				18												
RSE	750.0	NR	Novolokti				22												
RSE	752.0	BB	Beryozovo		22		18												00
RSE	1000.0	KZ	Severnoye				22												
RUS	445.0	KM	Kem			17	18												00
RUS	445.0	RD	Bazarnye Mataky				19					01			00				00
RUS	449.0	KU	Tver				16												
RUS	455.0	BK	Lipetsk-2				17												
RUS	455.0	KZ	Kizliar		18	18	19					21			00				00
RUS	468.0	MD	Myneralnye Vody				16					21		02	00				00
RUS	470.0	TN	Taganrog Centr.				16					18		18					
RUS	475.0	AM	Kazan				19												00
RUS	475.0	PT	Petrovskoye		19	21	16	00				19		02	22			00	00
RUS	475.0	UCH	Kotelnikovo				16							01	00				
RUS	478.0	MF	Larionovo		19	22	16	00	23	22		19	21	19	20		01	00	00
RUS	479.0	GR	Saratov / Gagarin				20												00
RUS	480.0	AN	Anapa / Vityazevo		20	19	18					19		02	23				00
RUS	480.0	AP	Anapa / Vityazevo				18	01							20		00		
RUS	485.0	CW	Krasnaya Gorbatka				18	16	00	23		21	21	19	20		02	00	00
RUS	486.0	KL	Krasnyy Sulin				17	16	00			19		18	23				00
RUS	492.0	P	Klin				17												
RUS	493.0	RW	Maryino			18	16	00				21	20	18	22		23		00
RUS	495.0	AW	Budennovsk				19												
RUS	507.0	ND	Bolshevik				17	16						18					
RUS	510.0	CR	Cheboksary				21	18											
RUS	514.0	IF	Astrakhan / Privolzhsky														02		
RUS	514.0	OF	Moscow / Chkalovskij				21	16				21		01	00		00		00
RUS	514.0	UR	Moscow / Chkalovskij				20	19											
RUS	515.0	NV	Rostov Na Donu		20	20	16	20				19		19	20				
RUS	527.0	TE	Terbuny				21												
RUS	528.0	UH	Tikhoretsk				16												
RUS	564.0	OK	Lyskovo		16		18	00				19		18	23				00
RUS	565.0	KS	Opalikha				17	00				01		18	23				00
RUS	570.0	FE	Oktyabrskiy				16	20		21		00		19	21		01		00
RUS	581.0	DM	Moscow - Ramenskoe				16							02					00
RUS	591.0	RN	Penza		21	18	16	00		01		19		19	23		01		00
RUS	595.0	W	Chertovitskoye / Vorenezh				16	00						01					00
RUS	596.0	KD	St Peterburg / Pushkin				20							17					

RUS	794.0	ER	Moscow / Sheremetyevo															00	
RUS	795.0	B	Buguruslan / Severnyj			22													
RUS	825.0	F	Cherepovets			18													
RUS	852.0	OB	Moscow / Vnukovo			22													
RUS	876.0	WG	Volgograd / Gumrak	20		16	00			21		19	22		22			00	
RUS	900.0	NE	Nerl		22	16	01			18		19	22		22			00	
RUS	905.0	UD	Buturlino	20		19									22			00	
RUS	905.0	ZG	Zelenga (Astrakhan province)			21												00	
RUS	920.0	HZ	Primorsko Ahtarsk			16													
RUS	921.0	RO	Aginskoye			19													
RUS	925.0	B	Lipetsk-2			16													
RUS	925.0	N	Chuguyev			16													
RUS	932.0	KR	Krasnoarmeysk			16	21			21	22	02	22					00	
RUS	960.0	RP	Sosnovkoye		20	16	00	23		18	22	19	23		22			00	
RUS	963.0	NS	Orenburg-2			21													
RUS	970.0	US	Yelshanka			22												00	
RUS	975.0	GD	Maloye-Skuratovo	21	22	16	00					19			23			00	
RUS	985.0	FK	Gagarin	21	20	16	17	20	21	17	20	19	23		23			00	
RUS	995.0	DW	Nikolskoye	21		16	02					18	23					00	
RUS	1000.0	GN	Gelenjik			16													
RUS	1005.0	LO	Klimovsk	17	21	20	16	19	03	17	20	19	18		23			00	
RUS	1016.0	A	Budennovsk			18													
RUS	1020.0	DK	Glodayevo	21	18	16	00			18		19	01		23			00	
RUS	1025.0	G	Saransk			16													
RUS	1025.0	US	Muravlyanka															00	
RUS	1055.0	IN	Sukhotino	21	19	16	00				21	19	00		23			00	
RUS	1061.0	GO	Gorevoe			19													
RUS	1080.0	AR	Buzharovo	20	18	16	00			17		19	19		23			00	
RUS	1100.0	KA	Konstaninovsk	20		16												00	
RUS	1175.0	BA	Bagayeksy			19												00	
RUS	1185.0	D	Ramenskoye			19						01						00	
RUS	1210.0	PR	Peredovaya	03														02	
RUS	1215.0	WT	Kartino			16	00											00	
RUS	1285.0	SW	Savelovo	03	20	16	19		18	17	22	19	20		23			00	
RUS	1290.0	P	Murmansk / Murmashi South															02	
RUS	1290.0	R	Murmansk															00	
RUS	1290.0	TU	Bely	17	03	20	16	17	20	18	18		22	19	17		23	00	
SRB	468.0	VTN	Kraljevo / Vitanovac	22		21	18	00		19		19	18	20				00	
SRB	470.0	UZ	Uzice / Ponikve	21	18	19	18	00	19	19	20	18	20	19	17	18		00	
SRB	485.0	IA	Indija	21	19	18	18	18	20	02	19	18	20	19	20	21	21	01	00
SRB	495.0	PA	Pancevo	21		19		19	23	21	19		20	18	23			02	
SVK	477.0	RP	Malacky - Kuchyna	18	19	17		20	00	03			20	20	21	01		02	
SVK	508.0	Z	Zilina / Hlinik		20	16	18	00	20	23		18	20	19	20	00		00	
SVK	571.0	P	Presov / Kapusany		21	16		02											
SVN	463.0	CL	Cerklje	21	18	21	18	18	22	22	19	18	20	19	17	18	01	00	
TKM	662.0	R	Dashoguz										00					00	

XUE	660.0	KI	UNID				01							02	01				00
XUE	753.0	T	UNID				17												
XUF	470.0	BK	UNID			19	19		22		03	19		19	23			23	00
XUF	485.0	BF	UNID				23					00							
XUF	500.0	LGT	UNID			21													
XUU	440.0	BHL	UNID			20	18					21			01				02
XUU	471.0	AE	UNID																00
XUU	514.5	EF	UNID																00
XUU	610.0	D	UNID		21														
XUU	618.0	GI	UNID				01												
Cou, S/P	QRG	ID	Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb

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 bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb
ALG	Algeria			2	3		1		2	2		2	2				
BIH	Bosnia-Herzegovina	1	1	1	1	1	1	1	1	1		1	1		1		1
BLR	Belarus			1	3	3				2		1	2				1
BUL	Bulgaria	1	2	2	2	2	1	2	1	2	1	2	2	1	2	1	2
CAN	Canada, NB				1							1	1				
CAN	Canada, NS				1	1	1			1	1	1	1			1	
CZE	Czechia	1	1	5	3	5	2	3		3	1	2	4	1	1	2	2
DEU	Germany	3	3	4	4	4	4	3	4	4	4	4	4	2	3	4	4
ENG	England						1										
EST	Estonia		1	1	1	1	1	1	1	1	1	1	1		1	1	1
GEO	Georgia		1	1	1	1	1	1		1	1	1	1				1
HNG	Hungary			1	2	1				1		1	1				1
HRV	Croatia	1	1	1	1	1	1		1	1	1	1	1		1		
IRN	Iran			1	3					1	1	1	1		1		
KAL	Kalinigrad	2	1	3	5	3	1			3	1	1	4		1	1	1
LBY	Libya			1	2					2			2				1
POL	Poland	4	4	5	7	7	4	4	1	7	2	6	6	2	5	3	4
ROU	Romania	3	5	5	6	5	3	1	1	5	3	5	5	2	3	2	3
RSE	Russia (Eastern)		1		8												2
RUS	Russia (European)	2	26	28	100	33	4	9	1	30	11	45	45		22	3	71
SRB	Serbia (Yugoslavia)	4	2	4	3	4	3	3	3	3	3	3	4	4	2	1	4
SVK	Slovakia	1	3	3	1	3	2	2		1	2	1	2	1	2		2
SVN	Slovenia	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
TKM	Turkmenistan												1				1
TUR	Turkey				5	1				1		1	1				5
UKR	Ukraine		7	9	22	4				1		4	4		4		9

UZB	Uzbekistan			1	3							1	1				1
XOA	Int Waters: Asia			1	1				1			1	1				
XOE	Int Waters: Europe		1		3	1	1			2		2	1		1	1	2
XUA	UNID (Asia?)				1												
XUE	UNID (Europe?)		2	2	5	1	1		1	2		3	3			2	2
XUF	UNID (Africa?)			2	2		1		1	2		1	1			1	1
XUU	UNID (No idea where)		1	1	2					1			1		1		2
Cou	Cou-Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb

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 bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb
00:00 - 00:59				5	32	3	2		5			10		6	13	117
01:00 - 01:59				2	6		3		5		16	8		11	5	
02:00 - 02:59		1			5		6		1		18	2		3		8
03:00 - 03:59		6		4	3		3	6	2			2		1		
04:00 - 04:59			1	2	1				2			2				
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																
11:00 - 11:59				7		1										
12:00 - 12:59																
13:00 - 13:59																
14:00 - 14:59		2														
15:00 - 15:59				1												
16:00 - 16:59		1	18	83												
17:00 - 17:59	3	5	7	12	5				6			12				
18:00 - 18:59	5	6	9	32	9	1	2	2	36		12	5	6			
19:00 - 19:59		7	10	16	11	4	2	10	13	3	48	1				
20:00 - 20:59		19	15	9	6	11		1		16		22	2	1		
21:00 - 21:59	11	13	16	8	2	1	4		11	8		2	6	4		
22:00 - 22:59	5	4	10	16		5	6		1	7		18		10		
23:00 - 23:59				6	1	9	3					20		16	5	
UTC (hh)	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb
NDBs:	24	64	86	203	82	35	31	19	82	34	94	105	14	52	23	125

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 bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb	NDBs
1	260.0				1													1
1	262.0			1														1
1	263.0				1	1	1			1	1	1	1			1		1
2	265.0	1	1	1	2	1	1		1	1	1	1	1		1			2
1	266.0		1	1	1	1				1		1	1					1
1	267.5		1	1	1	1	1			1	1	1	1					1
1	268.0				1													1
3	440.0			1	3					2			2				2	3
1	443.0				1					1			1					1
1	444.0	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	445.0	1	2	3	3	1	1	1	1	2		1	2		1		3	4
1	449.0				1													1
4	450.0		2	2	3	1		1		2	1	2	2		2		3	4
2	452.0	1	1	1	2	1	1	1	1	1	1	1	1		1	1	1	2
4	455.0		2	3	2					1			1				1	4
1	456.0			1	1	1				1			1				1	1
1	457.0				1													1
2	458.0	1		1	1	1				2			2					2
1	460.0		1	1	1		1		1	1		1	1			1	1	1
1	463.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	465.0				1	1											1	1
3	468.0	2	1	2	3	2	1	1	1	3	1	3	3	2	1	1	3	3
6	470.0	1	1	3	6	1	2	1	2	4	1	3	3	1		1	4	6
1	471.0																1	1
1	474.5			1	1	1				1			1					1
3	475.0		1	1	3	1				1		2	2			1	2	3
1	477.0	1	1	1		1	1	1			1		1	1	1	1	1	1
1	478.0		1	1	1	1	1	1		1	1	1	1		1	1	1	1
1	479.0				1												1	1
3	480.0		1	2	2	1				1		1	2		1		2	3
6	485.0	1	1	4	5	2	1	2	1	4	2	3	2	1	2	2	3	6
1	486.0			1	1	1				1		1	1				1	1
1	487.0				1					1		1	1				1	1
2	488.0	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
3	489.0		1	3	3	3	2	1	1	3	1	2	3		1	2	2	3
2	490.0	1	1	2	2	1	2	1	2	2	1	2	2	1	1	1	1	2
1	492.0				1													1
1	493.0			1	1	1				1	1	1	1		1		1	1

2	494.0	1		2	2			2		2	1		1		2
2	495.0	1		1	1	1	1	1	1	1	1	1	1	1	2
2	500.0			2	1			1		1	1			2	2
1	507.0			1	1					1	1			1	1
1	508.0		1	1	1	1	1	1	1	1	1		1	1	1
1	509.0				1									1	1
2	510.0			2	2			1	1		1	1		2	2
2	511.0			1	1									1	2
6	514.0		1	3	4	1	1	1	2	1	3	2		3	6
2	514.5	1	1	1	1	1	1	1	1	1	1	1	1	2	2
1	515.0		1	1	1	1			1		1	1		1	1
1	517.0		1	1	1	1	1	1	1	1	1	1	1	1	1
5	520.0	2	3	3	4	2	2	2	3	1	4	4	2	2	5
1	521.0	1	1	1	1	1	1		1	1	1	1	1	1	1
1	522.0				1						1			1	1
1	527.0			1										1	1
1	528.0				1							1		1	1
2	534.0			1	2	1			1					2	2
1	535.0				1									1	1
1	537.0					1								1	1
1	563.0			1		1	1			1		1		1	1
1	564.0		1		1	1			1		1	1		1	1
1	565.0				1	1			1		1	1		1	1
2	570.0		1	1	2	1	1	1	1		1	1	1	2	2
1	571.0		1	1		1								1	1
1	580.0				1									1	1
1	581.0				1						1			1	1
2	588.0				2						1			1	2
1	591.0		1	1	1	1	1	1	1	1	1	1	1	1	1
1	595.0				1	1					1			1	1
1	596.0				1							1		1	1
1	598.0				1									1	1
1	600.0													1	1
2	610.0		1									1		2	2
2	615.0				2	1	1	1	1	1	1	1	1	2	2
1	616.0				1									1	1
2	618.0		1		2				1		1	1		2	2
1	620.0				1	1			1		1	1		1	1
2	635.0				1									1	2
2	640.0				2									2	2
1	642.0				1	1					1	1		1	1
1	643.0				1									1	1
1	645.0				1									1	1
1	659.0				1	1					1	1		1	1
1	660.0				1						1	1		1	1
3	662.0				2						1	2		2	3

2	668.0												2	2
3	670.0			1				1					1	3
1	672.0	1	1	1	1							1	1	1
4	680.0			3									2	4
1	682.0	1		1					1	1			1	1
2	687.0			2					1	1			1	2
3	690.0	1	2	3					1	2			1	3
1	694.0	1		1						1			1	1
1	696.0			1						1			1	1
1	700.0			1									1	1
2	705.0			2	1			1					2	2
2	707.0			2										2
1	713.0			1										1
3	715.0		1	2	1	1	1		1	1		1	1	3
2	718.0	1		2					2	1			1	2
1	725.0			1									1	1
2	730.0			2	2				1	2			1	2
1	732.0	1	1	1	1				1	1		1	1	1
1	733.0	1		1	1							1	1	1
2	735.0			2									1	2
1	740.0												1	1
1	742.0			1									1	1
1	745.0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	749.0			2									1	2
1	750.0			1									1	1
1	752.0	1		1									1	1
1	753.0			1									1	1
3	760.0			2									2	3
1	770.0			1									1	1
1	777.0			1									1	1
2	780.0			2									1	2
1	794.0												1	1
2	795.0			2						1	1			2
2	825.0			2										2
1	840.0	1	1	1	1	1	1	1	1	1	1	1	1	1
1	850.0					1								1
1	852.0			1										1
1	876.0	1		1	1			1	1	1		1	1	1
1	888.0		1		1								1	1
1	900.0		1	1	1			1	1	1		1	1	1
2	905.0	1		2									2	2
2	920.0			1	1									2
1	921.0			1										1
2	925.0			2										2
2	930.0			2	1			1	1	1				2
1	932.0			1	1			1	1	1			1	1

2	960.0		1	2	2	2	1			2	1	2	2		2		2	2
1	963.0				1													1
1	970.0				1													1
1	975.0		1	1	1	1						1					1	1
1	983.0				1												1	1
2	985.0		1	1	2	1	1	1		1	1	1	1		1		1	2
1	995.0		1		1	1						1	1				1	1
2	1000.0				2													2
1	1005.0	1	1	1	1	1			1	1	1	1	1		1		1	1
1	1016.0				1													1
1	1020.0		1	1	1	1				1		1	1		1		1	1
2	1025.0				1												1	2
1	1055.0		1	1	1	1					1	1	1		1		1	1
1	1061.0				1													1
1	1065.0				1													1
1	1080.0		1	1	1	1				1		1	1		1		1	1
1	1100.0		1		1												1	1
1	1175.0				1												1	1
1	1185.0				1							1					1	1
1	1210.0		1														1	1
1	1215.0				1	1											1	1
1	1285.0		1	1	1	1			1	1	1	1	1		1		1	1
4	1290.0	1	2	2	2	2	1	1	1	1	1	1	1		2		4	4
NDBs	QRG	CZE lk	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG hh	ENG mt	ENG nw	ENG px	ENG yk	HOL rb	ITA wb	NOR gl	SCT ds	SWE bb	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
450.0	BN	Bovanenkovo		RSE	bb	0056
471.0	AE	UNID		XUU	bb	0056
511.0	M	Gomel		BLR	bb	0056
635.0	RD	Murmansk / Murmashi South		RUS	bb	0056
668.0	N	Bryansk		RUS	bb	0201
668.0	O	Bryansk		RUS	bb	0201
670.0	UA	Kubinka		RUS	bb	0056
680.0	RK	Naryan Mar		RUS	bb	0056
740.0	H	Makhachkala / Uytash		RUS	bb	0056
760.0	K	Kosubyevscoe		RUS	bb	0056
794.0	ER	Moscow / Sheremetyevo		RUS	bb	0056
1025.0	US	Muravlyanka		RUS	bb	0056

1290.0	P	Murmansk / Murmashi South	RUS	bb	0201
1290.0	R	Murmansk	RUS	bb	0056
850.0	CIT	Cranfield	ENG	bk	1110
520.0	BHA	UNID	XUE	ds	0132
715.0	F	Caslav	CZE	ds	0103
514.5	EF	UNID	XUU	gl	0026
514.0	IF	Astrakhan / Privolzhsky	RUS	gl	0227
600.0	KR	Tchervonobirka	UKR	gl	2226
260.0	RAF	Rafsanjan	IRN	hw	1833
265.0	FAR	UNID	XUA	hw	2226
268.0	ZAR	Zarzaitine	ALG	hw	2350
449.0	KU	Tver	RUS	hw	1645
452.0	LB	Balandino	RSE	hw	2210
455.0	BK	Lipetsk-2	RUS	hw	1710
457.0	PRG	Persian Gulf	IRN	hw	0033
470.0	GA	Mirgorod	UKR	hw	1645
492.0	P	Klin	RUS	hw	1710
495.0	AW	Budennovsk	RUS	hw	1956
509.0	CR	Chernivtsi	UKR	hw	1703
514.0	MMK	Constanta	ROU	hw	1645
528.0	UH	Tikhoretsk	RUS	hw	1636
534.0	LC	Gostomel / Antonov	UKR	hw	2013
535.0	RB	Gvardeyskoye	UKR	hw	1636
580.0	HS	Kacha	UKR	hw	1620
588.0	SN	Simferopol	UKR	hw	1628
598.0	F	Ivano-Frankivsk	UKR	hw	0301
615.0	N	Nyagan	RSE	hw	1718
616.0	N	Shatalovo	RUS	hw	1825
618.0	GI	UNID	XUU	hw	0156
635.0	LV	Izhevsk	RUS	hw	2251
645.0	UO	Uzghorod	UKR	hw	0318
662.0	WT	Kirovskoye	RUS	hw	1636
670.0	MZ	Chelyabinsk / Shagol	RSE	hw	2251
680.0	M	Ulyanovsk / Vostochny	RUS	hw	2210
687.0	VT	Eysk	RUS	hw	1620
690.0	AZ	Arkhangelsk / Talagi	RUS	hw	1646
700.0	K	St Petersburg / Pulkovo	RUS	hw	1735
707.0	BD	Khanty-Mansiysk	RSE	hw	2210
707.0	ZJ	Khanty-Mansiysk	RSE	hw	1825
713.0	SHA	Ostrov-Veretje	RUS	hw	0410
715.0	D	Odessa / Central	UKR	hw	1653
735.0	FF	Tambov / Donskoye	RUS	hw	2203
735.0	R	Belbek	UKR	hw	1636
742.0	GE	Kursk	RUS	hw	1620
749.0	U	Usinsk	RUS	hw	2325
750.0	NR	Novolokti	RSE	hw	2243

753.0	T	UNID	XUE	hw	1710
760.0	D	Kosbyevskoe	RUS	hw	1710
780.0	S	Orsk	RUS	hw	2325
795.0	B	Buguruslan / Severnyj	RUS	hw	2251
825.0	F	Cherepovets	RUS	hw	1825
825.0	KB	Kiev / Boryspil	UKR	hw	1540
852.0	OB	Moscow / Vnukovo	RUS	hw	2235
920.0	HZ	Primorsko Ahtarsk	RUS	hw	1636
921.0	RO	Aginskoye	RUS	hw	1956
925.0	B	Lipetsk-2	RUS	hw	1636
925.0	N	Chuguyev	RUS	hw	1620
930.0	L	Chernyakhovsk	KAL	hw	1636
963.0	NS	Orenburg-2	RUS	hw	2103
985.0	BY	Brest	BLR	hw	1628
1000.0	GN	Gelenjik	RUS	hw	1630
1000.0	KZ	Severnoye	RSE	hw	2235
1016.0	A	Budennovsk	RUS	hw	1816
1025.0	G	Saransk	RUS	hw	1630
1061.0	GO	Gorevoe	RUS	hw	1900
1065.0	HE	Kherson / Chernobayevka	UKR	hw	0336
537.0	TEST	UNID	XUE	je	0007
920.0	G	Grodno / Obukhovo	BLR	je	0356
610.0	D	UNID	XUU	my	2128
670.0	ND	Kubinka	RUS	nw	1800
610.0	IO	Joshkar-Ola	RUS	rb	2040
514.0	OF	UNID	XUE	yk	0120
262.0	NR	Inowroclaw	POL	ze	1608
455.0	UH	Chuguyev	UKR	ze	1802
485.0	KH	Kakhnovka	UKR	ze	1734
500.0	LGT	UNID	XUF	ze	2153
527.0	TE	Terbuny	RUS	ze	2117

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

THEN CLE244 - 260-269.9 kHz / 440-1740 kHz - 24.05.2019 - 27.05.2019
NOW CLE260 - 260-269.9 kHz / 440-1740 kHz - 25.09.2020 - 28.09.2020

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE lk	474	676	8	16	16	24	1119	1581
CZE my	1270	1323	77	85	61	64	3656	3375

CZE ze	1150	1279	85	110	74	86	5202	3786
DEU hw	1667	1902	255	386	153	203	4960	5250
DEU je	1477	1435	62	116	42	82	2524	4881
ENG bk	98	1558	0	55	1	35	98	4295
ENG hh	1575	1871	43	58	27	31	2538	3604
ENG px	1596	2067	43	70	27	34	2841	4178
HOL rb	1726	2015	91	212	53	105	4552	4863
ITA wb	844	912	14	13	17	14	1360	1360
SCT ds	1594	1679	32	39	20	23	3874	3874
Averages:	1225	1520	65	105	45	64	2975	3732
% Increase:		24		63		43		25

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
ENG mt		1301		25		19		2282
ENG nw		1999		164		82		4379
ENG yk		2330		217		94		5033
NOR gl		1632		83		52		3441
SWE bb		1902		238		125		4291
Averages:		1833		145		74		3885
% 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.

CLE260_Results_REU.xls / NH Ver. 1.0.40
bk/je - 30.09.2020