

AUT	303.0	RTT	Innsbruck / Rattenberg	21	19	20	18						00	03			
AUT	313.0	KI	Klagenfurt		19	21	19						00	02			
BAL	307.5	PA	Palma De Mallorca				23										
BEL	290.0	ONL	Liege / Bierset		01	20	18	21	11			23	00	10		23	
BEL	293.0	OB	Brussels National		21	22	18	17	11	17	16	20	00	10		23	22
BEL	314.0	OZ	Brussels National				18	21	11	18	16	22	00	10		23	23
BRI	316.0	BJO	Bjornoya / Bear Isl				20	22					00	23			22
BUL	284.0	GNA	Gorna	21	18	20	18	02	21	02	21	21	00	20		23	22
BUL	297.0	BD	Pazardjik / Malak Chardak	22		22	19										
BUL	312.0	BOZ	Bozhurishte	21	01	22	18						00	01			
CAN, NL	280.0	QX	Gander				23	00					00	03		04	
CAN, NL	281.0	CA	Cartwright				23	01	03					03		00	
CAN, QC	276.0	YHR	Chevery				23	01	03					04		04	
CZE	300.0	KD	Kbely / Praha East		19	20	19										
DEU	284.0	FSB	Fassberg		18	00	18	00	21					01			22
DEU	284.5	DY	Dusseldorf				11										
DEU	286.0	HFX	Hohenfels		18	20	18							23			
DEU	292.0	NKR	Neckar		18	20	11	23			21			19			
DEU	297.0	FR	Frankfurt		01	23	18						00	03			
DEU	299.0	SL	Berlin / Schonefeld				18										
DEU	300.5	LW	Koln / Bonn			00	18							01			
DEU	309.0	MW	Berlin / Schonefeld		19	20	18	22					00	20			22
DEU	311.0	CEL	Celle		19	21	18	21	21				00	03			22
DEU	311.0	LMA	Lima / Bruggen		19	20	18	03	11	18	16	20	00	10		23	23
DEU	311.0	NSN	Niederstetten		19	22	19	23					00	03		01	
DEU	318.0	AGB	Augsburg		20	22	18						00	01			
DEU	318.0	HIG	Bremen		01	22	18	19	22				00	20		02	22
DNK	316.0	IN	Sonderborg				18	02									22
ENG	277.0	CHT	Chiltern				21	23	11	17	15	20	00	10		12	
ENG	316.0	EPM	Epsom for Heathrow				21	03	11	17	16	20	00	10		00	
ENG	318.0	BPL	Blackpool				03		11	18	16	20	00	02		12	
ESP	308.0	VT	Vitoria				20						00	02			
ESP	319.0	ECV	Colmenar Viejo				19	00				23	00	02		02	
EST	317.0	OZ	Kardla		02	00	19	02	21		20		00	19		02	22
FRA	286.5	TA	Villacoublay / Velizy			23	03		11					10			
FRA	289.0	HR	Hericourt		01	20	19						00	00			
FRA	291.0	WS	Grenoble / St Geoirs		01	23	21							22		01	
FRA	299.0	BO	St Etienne / Bouttheon			00	19	03									
FRA	302.0	ROM	Rodez / Marcillac		02		20						00	02			
FRA	306.5	AV	Avord				19							02			
FRA	309.0	DO	Dole / Tavaux		00	22	18	03					00	19		23	
FRA	315.0	HOL	Villacoublay / Velizy		01	23	19	03	11	18	21	20	00	10		01	23
FRA	317.0	VS	Valenciennes / Denain			23	19		11	18	16	20	00	10		00	

AUT	Austria	2	4	4	4	1		1		1	3	3		1	1
BAL	Balearic Islands				1										
BEL	Belgium		2	2	3	3	3	2	2	3	3	3		3	2
BRI	Bear Island (Bjornoya)				1	1					1	1			1
BUL	Bulgaria	3	2	3	3	1	1	1	1	2	2	2		1	1
CAN	Canada, NL				2	2	1				1	2		2	
CAN	Canada, QC				1	1	1					1		1	
CZE	Czechia		1	1	1										
DEU	Germany		10	11	13	7	4	1	2	1	7	11		3	5
DNK	Denmark				1	1									1
ENG	England				3	2	3	3	3	3	3	3		3	
ESP	Spain				2	1				1	2	2		1	
EST	Estonia		1	1	1	1	1		1		1	1		1	1
FRA	France		5	7	10	3	3	2	2	2	6	9		5	1
GRL	Greenland				1										
HNG	Hungary		1	2	1						1	1			
HRV	Croatia	2	3	2	3	1					3	3			2
IRL	Ireland				1			1	1	1	1	1		1	
IRN	Iran				2										1
ISL	Iceland										2			3	
ITA	Italy		2	2	2							1	1		
LBY	Libya				1						1	1			
LUX	Luxembourg		2	2	2	2	1	1	1	1	2	2		1	1
MKD	Macedonia	2	1	1	2						2	2			
MNE	Montenegro (Yugoslavia)	2	1	1	2						1	1		1	1
MRC	Morocco										1				
NGR	Niger				1										
NOR	Norway		1	1	5	3	3	1	2	2	4	3		3	6
POL	Poland		1	2	3										
ROU	Romania				1							1			1
RSE	Russia (Eastern)														1
RUS	Russia (European)		1		7										6
SAR	Sardinia				1						1	1			
SCT	Scotland													1	
SCY	Sicily		1		1	1					1	1			
SRB	Serbia (Yugoslavia)	1	1	1	2						1	1			
SVK	Slovakia		1	1	1	1						1			1
SVN	Slovenia		1	1	1	1					1	1		1	1
SWE	Sweden			3	6	5	3		2		6	5		3	6
TUR	Turkey				7										
UKR	Ukraine			2	4										1
XUF	UNID (Africa?)		1	1	1		1				1				
Cou	Cou-Name	AUT	CZE	CZE	DEU	DNK	ENG	ENG	ENG	ENG	ENG	HOL	ITA	SCT	SWE

		lk	my	ze	hw	j7	bk	hh	px	re	yk	rb	ci	ds	bb
--	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----

LISTENING TIMES:

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

UTC (hh)	AUT lk	CZE my	CZE ze	DEU hw	DNK j7	ENG bk	ENG hh	ENG px	ENG re	ENG yk	HOL rb	ITA ci	SCT ds	SWE bb
00:00 - 00:59		5	11	4	3					55	3		6	1
01:00 - 01:59		15		4	2					1	13		6	
02:00 - 02:59		2		1	4		2			2	14		6	
03:00 - 03:59				2	7	2					8			
04:00 - 04:59											1		2	
05:00 - 05:59														
06:00 - 06:59														
07:00 - 07:59														
08:00 - 08:59														
09:00 - 09:59														
10:00 - 10:59											12			
11:00 - 11:59				2		11								
12:00 - 12:59						1							3	
13:00 - 13:59												1		
14:00 - 14:59														
15:00 - 15:59								1						
16:00 - 16:59								8						
17:00 - 17:59					1		3							
18:00 - 18:59		5		35			7							
19:00 - 19:59		12		27	1						4			
20:00 - 20:59		3	15	4	3			2	11		3			
21:00 - 21:59	10	1	3	10	4	7		4	2					
22:00 - 22:59	2		12	3	4	3	1	2	2		2			31
23:00 - 23:59			10	14	9	1			2		4		12	9
UTC (hh)	AUT lk	CZE my	CZE ze	DEU hw	DNK j7	ENG bk	ENG hh	ENG px	ENG re	ENG yk	HOL rb	ITA ci	SCT ds	SWE bb
NDBs:	12	43	51	106	38	25	13	17	17	58	64	1	35	41

NDB COUNTS, BY FREQUENCY:

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

		AUT	CZE	CZE	DEU	DNK	ENG	ENG	ENG	ENG	ENG	HOL	ITA	SCT	SWE	
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

NDBs	QRG	lk	my	ze	hw	j7	bk	hh	px	re	yk	rb	ci	ds	bb	NDBs
2	275.0		1	1	1		1				2					2
1	276.0				1	1	1					1		1		1
2	277.0		1		1	1	1	1	1	1	1	1		1		2
1	279.0				1											1
2	280.0				2	1					1	1		1		2
1	281.0				1	1	1					1		1		1
2	282.0			2	1											2
1	283.0				1										1	1
2	284.0	1	2	2	2	2	2	1	1	2	1	2		1	2	2
2	284.5				2						1				1	2
4	285.0		1	1	4	1	1		1		1	2		1	1	4
1	286.0		1	1	1							1				1
1	286.5			1	1		1					1				1
1	288.0														1	1
4	289.0		2	2	4						2	2			1	4
4	290.0	1	2	2	3	2	1	1		2	2	2		2	2	4
1	291.0		1	1	1							1		1		1
3	292.0		2	2	3	1			1			1	1			3
3	293.0		2	2	3	1	1	1	1	1	1	1		1	1	3
3	295.0	1	2	2	3						2	2				3
1	296.0		1	1	1	1					1	1		1	1	1
4	297.0	2	1	2	4						2	2				4
2	299.0			1	2	1										2
1	299.5				1	1	1		1	1	1	1		1	1	1
6	300.0	1	3	4	5	1	1		1		2	2		1	1	6
1	300.5			1	1							1				1
1	301.5			1												1
2	302.0	1	1		2						1	1				2
2	303.0	1	1	1	2	1	1				2	2		1	1	2
2	304.0				1										1	2
2	305.0				1										2	2
1	306.5				1							1				1
4	307.0		1	1	3	1	1	1	1	1	1	1		1	2	4
1	307.5				1											1
2	308.0	1	1	1	2						2	2		1	1	2
3	309.0		2	3	3	3	1				3	3		2	2	3
1	309.5			1												1
4	310.0				3									1	2	4
3	311.0		3	3	3	3	2	1	1	1	3	3		2	2	3
1	311.5				1											1
3	312.0	1	1	1	3	1					3	2			2	3

1	312.5			1													1
1	313.0		1	1	1							1	1				1
1	314.0				1	1	1	1	1	1	1	1	1		1	1	1
3	315.0		1	1	3	1	1	1	1	1	1	1	1		1	2	3
10	316.0	1	1	1	8	4	1	2	2	2	6	5		4	3	10	
5	317.0		2	3	5	2	2	1	2	1	3	4		2	2	5	
1	317.5		1		1	1					1	1				1	
8	318.0	1	4	3	8	3	2	1	1	1	7	8		3	4	8	
4	319.0		1	1	3	2	1	1	1	2	3	2		3	1	4	
NDBs	QRG	AUT lk	CZE my	CZE ze	DEU hw	DNK j7	ENG bk	ENG hh	ENG px	ENG re	ENG yk	HOL rb	ITA ci	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
288.0	AD	Sandane / Anda		NOR	bb	2209
290.0	XZ	Tyumen / Roshchino		RSE	bb	2209
304.0	BF	Ukhta		RUS	bb	2209
305.0	QJ	Rtishchevo		RUS	bb	0019
307.0	VA	Dobrinskoye		RUS	bb	2209
310.0	SB	Selardalur		ISL	ds	0140
316.0	BRR	Barra		SCT	ds	0001
279.0	SI	Simiutaq (Kitaa)		GRL	hw	2320
280.0	ARK	Arak		IRN	hw	0002
284.5	DY	Dusseldorf		DEU	hw	1103
285.0	AN	Ankara / Esenboga		TUR	hw	0132
285.0	N	Simferopol		UKR	hw	0155
289.0	WR	Chertovitskoye / Voronezh		RUS	hw	2136
290.0	NO	Oknywie		POL	hw	1953
292.0	CAY	Caycuma		TUR	hw	0155
293.0	ARL	Arlit		NGR	hw	2325
295.0	YN	Vasilkov		UKR	hw	2101
297.0	BA	Shatalovo		RUS	hw	1800
299.0	SL	Berlin / Schonefeld		DEU	hw	1800
300.0	NP	Pskov		RUS	hw	0051
300.0	OEB	Oum El Bouaghi ???		ALG	hw	2312
304.0	MOK	Bordj Mokhtar		ALG	hw	2303
307.5	PA	Palma De Mallorca		BAL	hw	2356

307.0	CTP	Cengiz Topel	TUR	hw	0002
307.0	LA	Lazarevskoye	RUS	hw	2317
310.0	NO	Kiev / Boryspil	UKR	hw	1953
311.5	ML	Cewice	POL	hw	1800
315.0	EN	Izmir / Adnan Merendes	TUR	hw	2325
316.0	GZP	Gazipasa	TUR	hw	0002
316.0	JA	Beograd	SRB	hw	1953
317.0	EKI	Tekirdag	TUR	hw	2346
319.0	MUS	Mus	TUR	hw	0132
277.0	PO	Pulkovo	RUS	my	0115
275.0	CAE	Ben Slimane	MRC	yk	0056
282.0	AO	Opera	HNG	ze	2014
301.5	TRE	Treviso (TV)	ITA	ze	2317
309.5	TR	Mys Tarkhankutskiy Lt.	UKR	ze	0022
312.5	AT	Mys Aytodorskiy	UKR	ze	0042

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN
NOW

CLE243 - 270-319.9 kHz - 26.04.2019 - 29.04.2019

CLE259 - 270-319.9 kHz - 28.08.2020 - 31.08.2020

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	1000	1000			km	km
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
AUT lk	671	554	8	7	12	12	1160	880
CZE my	1010	622	65	27	64	43	5020	1537
CZE ze	814	639	57	33	70	51	4869	1742
DEU hw	1334	1301	152	138	114	106	4952	4680
ENG bk	1051	1003	38	25	36	25	4329	4055
ENG px	1079	809	42	14	39	17	4472	2274
ENG yk	1105	1289	38	75	34	58	3585	3878
HOL rb	1229	1098	63	70	51	64	5710	4300
SCT ds	1482	1361	59	48	40	35	4604	3590
Averages:	1086	964	58	48	51	46	4300	2993
% Increase:		-11		-16		-11		-30

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	1000	1000			km	km
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW

DNK j7	1122	43	38	4379
ENG hh	630	8	13	2258
ENG re	855	15	17	2274
ITA ci	46	0	1	46
SWE bb	1660	68	41	3832
Averages:	862	27	22	2558
% 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.