

NDB LIST CLE No. 305

240 - 269,9 kHz / 420 - 1740 kHz

21.06.2024 - 24.06.2024

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	jms	John Mills, Chelmsford, Essex
ENG	mhm	Mark Hattam, St Just in Penwith
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
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	ci	Daniele Cristaldini, Mulazzano
ITA	mmi	Maurizio Marini, Lodi
ITA	wb	William G Buchanan, Alessandria
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](mailto: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 jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	SCT ds
ALG	423.0	BJA	Bejaia / Soummam	20	00	22	23	23			00		22	00			00		00
ALG	424.0	GRS	Ghriss			22		23		03	00		22	00			20		
ALG	432.0	HMB	Hammam Bou Hadjar for Oran			21		23	21	03	00		02	00			20		23
ALG	435.0	IGZ	In Guezzam			01								00			01		
ALG	490.0	TFR	Tafaroui			02					00			00			23		23
ALG	510.0	BL	Blida		00	22		23			00			00					
AUT	420.0	INN	Innsbruck	19	20	01	21	23		21	00	21	22	00	00	19	18	19	00
AUT	426.0	GBG	Gleichenberg for Graz	19	20	01	21	23			00	21	22	00	22	19	18	19	00
AZE	493.0	NO	Nakhchivan								00			00			00		
AZR	420.0	PI	Madalena / Pico Island			01					00								
AZR	428.0	GC	Santa Cruz de Graciosa			21					02			00					
BIH	425.0	DNC	Mostar		23	01	22	23			00			00	22	19	18	20	00
BIH	445.0	TU	Tuzla		20	01	00	23										20	
BLR	458.0	WN	Minsk / Machulishchi			21													
BUL	450.0	PDV	Plovdiv	20	00	01	01				00	22	23	00	22		19	22	
BUL	490.0	WAK	Vakarel	20	22	22	00	23			00	22	22	00	22		18	21	
BUL	537.0	PD	Plovdiv			01	01						00	00	22		19		
CAN, NL	250.0	YMH	Mary's Harbour											01			02		
CYP	435.0	GKE	Gecitkale / Gazimagosa International			23								00			00		
CZE	258.0	N	Ostrava / Mosnov / Nada	20	05	22								01			23		
CZE	429.0	B	Brno / Turany / Borek	20		01	01				02		00	00			20		
CZE	432.0	PK	Pardubice / Prvek	21	21	01	01				00	21	00	00			23		00
CZE	434.0	KNE	Kunovice		22	01	00				00		00	00			23		
CZE	438.0	K	Praha Kbely / Kalda	20	20	21													
CZE	514.5	LA	Namest Nad Oslavou	20	20	21	21										22	21	
CZE	534.0	R	Ostrava / Mosnov / Rada	21	20	21	22				00		23	00			22		
CZE	563.0	XU	Namest Nad Oslavou		20														
CZE	715.0	C	Caslav	21	04	23	23				21		22	00			23		
CZE	888.0	P	Pardubice	21	18	22	22				02			23			01		
DEU	426.0	MIQ	Mike for Ingolstadt	19	18	01	21	23		21	00	22	22	00	22	19	18	20	00
DEU	427.0	BRU	Braunschweig		23	22	22				00		00	00			22		00
DEU	429.0	OBI	Oberpfaffenhofen		22	22								00	22		21		
DEU	431.0	KBA	Karlsruhe / Baden Baden		20	22	21	23			00		00	00	22		18		00
DEU	489.0	SIL	Siegen / Siegerland		21		22	23					22	00			19	21	
ENG	421.0	BUR	Burnham			23	23	23		18	00	19	22	00			20		00
ENG	423.0	CWL	Cranwell			23		23			00	19		00			23		00

ENG	433.5	HEN	Henton			21	00	23		18	00	19	22	00			20		00
ENG	850.0	CIT	Cranfield					09											
ESP	420.0	SPP	Sevilla / San Pablo			00					00		00	00			20		
ESP	421.0	GE	Madrid / Grinon		21	22	00	23	22		00		22	00			20		00
ESP	424.0	RUS	Reus				00												
ESP	433.0	JER	Jerez			23		23	21	03	00		23	00			20		00
ESP	433.0	VON	Vigo				00		22	03	21			22					
FRA	420.0	LMT	Auch / Lamothe			21	02				00		22						00
FRA	423.0	TS	Toulouse / Blagnac		21	22	00				00		22	00			20	21	00
FRA	424.0	LOE	Limoges / Bellegarde		21	22	00				00		22	00			19		00
FRA	424.0	PHG	Phalsbourg / Bourscheid	19	20	22	23				00	21	22	00	22	19	18	21	00
FRA	426.0	CTS	Castets			22					00		22	00			20		00
FRA	428.0	CTX	Chateauroux / Deols		23	22	01	23			00	23	22	00			19	21	00
FRA	428.0	MUS	Nice / Cote d"Azur			22	22	23			00			00	22		20	19	00
FRA	430.0	SN	St Yan		20	22	21				00	21	22	00	22		19	20	00
FRA	432.0	PRD	Peyrehorade		23	22	21	23			00		22	00			21	22	00
GEO	430.0	LU	Batumi			00								00			22		
GEO	520.0	DF	Mukhrani		00	20					00			00			22		
GRC	422.0	ATL	Astypalaia														01		
GRC	429.0	LIO	Limnos			22								00			01		
HNG	436.0	SME	Sarmellek / Balaton		23	22	23	23			00		23	00			19		00
HNG	456.0	SEG	Szeged			01								00			22		
HNG	522.0	PQ	Nyíregyháza			01								00					
HRV	265.0	KAV	Pula / Kavran	20	22	22	22				00			01	00		22	10	
HRV	421.0	SAL	Zadar / Sali	19	20	22	22				00	21	22	00	22	19	18	19	00
HRV	422.0	OSJ	Osijek	19	20	22	21	23			00		22	00	22	19	18		00
HRV	424.0	PIS	Zagreb / Pleso / Pisarovina	19	20	22	20	23		21	00	21	22	00	22	19	18	19	00
HRV	429.0	LOS	Losinj	20	21	22	20	23		22	02	21	22	00	22	19	18	19	00
HRV	433.0	CRE	Cres	20	20	22	20	23		21	00	21	22	00	22	19	18	20	00
IRN	260.0	NSR	Noshahr														22		
IRN	260.0	RAF	Rafsanjan														20		
IRN	450.0	PAD	Parsabade / Moghan											00			00		
ITA	479.0	RAV	Ravenna (RA)	20	22	22	00	23			02	22	00	00	22	19	18	19	
KAL	458.0	LP	Chernyakhovsk			22		23			00			23			20		
KAL	489.0	CM	Donskoye			21	22	23			00			23			23		
KAL	489.0	OI	Donskoye			22	22	23									20		
KAL	730.0	AL	Kaliningrad / Chkalovsk			22	23				00			23			20		
KAL	840.0	KR	Kaliningrad / Khrabovo	20	21	23	22				00	22	22	00	22		20		
KAL	930.0	H	Chernyakhovsk														23		
KAL	930.0	L	Chernyakhovsk			22	23				21			22			22		
LBY	432.0	ZAR	Zwara (= 6SH)			01								01			22		
LBY	440.0	FEL	El Feel			00								23			22		
LBY	470.0	WF	Wafa			23								00			23		

MKD	432.0	Iزد	Ohrid / Izdeglavlje		22	01	00			02		00	22	19	19		00
MNE	420.0	GO	Podgorica			01				02		00		19	19		
NIR	420.0	HB	George Best Belfast City Airport			23				02	19	00			23		13
POL	262.0	NR	Inowroclaw		00	22	00			00		22	23		22		00
POL	436.0	S	Darlowo			02											
POL	437.0	NP	Tomaszow-Mazowiecki / Porter		23	21	00	23		00		22	00		22		
POL	474.5	SA	Darlowo			02											
POL	488.0	NPR	Tomaszow-Mazowiecki / Porter	21	21	22	22	23		00		22	00		20	22	
POL	520.0	NW	Leczyca	21	21	21	00	23		00		23	00		20	23	
POR	425.0	EVR	Evora			23				03	00	02	00		21		00
ROU	256.0	BSE	Baneasa Southeast			00									22		00
ROU	266.0	M	Baia Mare		00	22				00		00	01		22		
ROU	267.5	OPW	Bucuresti / Otopeni	20	00	22	00			00		00	01		22		
ROU	426.0	BC	Bacau	19		22	23			00			00		19		
ROU	428.0	TGM	Targu Mures / Vidrasau	20	23	22	23	23		00		23	00		18		
ROU	517.0	ARD	Arad	20	22	22	21	23		00	22	23	00	22	18	21	
ROU	520.0	B	Bacau	20	22	21							00		22	23	
ROU	521.0	BSW	Bucuresti / Baneasa	22	22	01	23	23		00		23	00	22	20	21	
ROU	659.0	LL	Bucuresti / Otopeni			23							00		22		
RUS	430.0	AJ	Staritza			21							22				
RUS	430.0	MB	Chemukha			21							22				
RUS	433.0	BO	Ermolino			21							21				
RUS	435.0	LG	Chkalovskij			21											
RUS	445.0	KM	Kem			22											
RUS	445.0	RD	Bazarnye Matakы			22											
RUS	455.0	AZ	Lipetsk-2			21				00			22				
RUS	468.0	MD	Myneralnye Vody			20				00							
RUS	470.0	QL	Taganrog	21		20									21		
RUS	475.0	CL	Kotelnikovo			01							00				
RUS	475.0	PT	Petrovskoye	20		21				00			22				
RUS	478.0	MF	Larionovo			21							22				
RUS	479.0	GR	Saratov / Gagarin										22				
RUS	480.0	AN	Anapa / Vityazevo			21							00		21		
RUS	480.0	AP	Anapa / Vityazevo			22	00						23				
RUS	485.0	CW	Krasnaya Gorbatka	21		21							22				
RUS	486.0	KL	Krasnyy Sulin	20		21							23		23		
RUS	514.0	IF	Astrakhan / Privolzhskey			20											
RUS	514.0	OF	Moscow / Chkalovskij	21													
RUS	515.0	XS	Rostov Na Donu			22				00			23				
RUS	527.0	TE	Terbuny			21											
RUS	545.0	L	Chkalovskij			21											
RUS	564.0	HD	Lyskovo			21							21				
RUS	565.0	KS	Opalikha			21											



RUS	932.0	KR	Krasnoarmeysk	20	21	23	23				22	00			23																					
RUS	960.0	RP	Sosnovkoye			22												22	21	00																
RUS	963.0	KCH	Orenburg-2			17												22			22	00														
RUS	965.0	BL	Kazan			22												22					22	00												
RUS	975.0	GD	Maloye-Skuratovo	23	23	00	22	22	00																											
RUS	985.0	FK	Gagarin	23						21	21	22	22	00																						
RUS	995.0	DW	Nikolskoye	23						23					22	00																				
RUS	1005.0	LO	Klimovsk	22						23							23	00	23	00																
RUS	1020.0	DK	Glodayevo	20	00	21	23	00																												
RUS	1025.0	US	Muravlyanka	20	23				22	23	00																									
RUS	1046.0	UR	Vologda	20								21	23	20																						
RUS	1055.0	IN	Sukhotino	23											22	23	00																			
RUS	1080.0	AR	Buzharovo	23		22	21	23										00																		
RUS	1100.0	KA	Konstaninovsk	23	21	23			20																											
RUS	1175.0	BA	Bagayeksy	22						23	21	22	23																							
RUS	1210.0	IO	Kirovsk / Apatity	20										21	23	22	23																			
RUS	1215.0	N	Ufa	20			23	22						23																						
RUS	1215.0	WT	Kartino	23	21	23	20																													
RUS	1285.0	SW	Savelovo	23	22				23	20																										
RUS	1290.0	TU	Bely	23	20						23	20																								
SCT	431.0	SAY	Stornoway	23	01			23						00		00			23		13															
SRB	255.0	NS	Nis	19	21	22	00	23						02		00	01	00	22	20																
SRB	420.0	BT	Batajnica			01	20		23	00												23	00	00	22	19	20	20								
SRB	423.0	ZO	Nis / Zitoradja			01	23		23		00	22																	00	22	19	20	20			
SRB	435.0	BR	Brdjani			01	00		23																									00	22	00
SRB	468.0	VTN	Kraljevo / Vitanovac	21	01	00	23	00	22				00	22	19	21																				
SRB	470.0	UZ	Uzice / Ponikve	22	01	00	23			00								22	00	22	18	20	20													
SRB	485.0	IA	Indija	22	01	00	23				00	22												00	22	18	20	20								
SRB	495.0	PA	Pancevo	22	22	23	23																						00	22	00	22	19	21		
SVK	425.0	KE	Kosice	21	00	22	01	23	00				00	23	00	20	21																			00
SVK	438.0	B	Bratislava / M.R Stefanik / Barka	22	23	22	23	23		00								00	00	23	19	22	22													
SVK	438.0	PE	Poprad / Tatry East	21	22	22	00	23			00	00												22	19	22	23									
SVK	477.0	RP	Malacky - Kuchyna	21	20	22	23	23																				00	00	20	20	22	23			
SVK	508.0	Z	Zilina / Hlinik	20	21	01	01	23	00				00	23	00	23	18																	19		
SVK	571.0	P	Presov / Kapusany	21	21	23	22	23		00								00	22	18	19															
SVN	463.0	CL	Cerklje	21	20	22	22	23			00	00											22	18	19											
SWE	421.0	BL	Borlange / Rommehed / Falun	21	21	00	23																				00	23	00	20		13				
SWE	421.0	MF	Halmstad		21	20			00				00	23	00	23	00																20			
SWE	427.0	LUE	Kramfors / Lunde		21	00			23	00								00	23	00	20															
TUR	422.0	CNK	Canakkale			01						00													21											
TUR	424.0	SEL	Efes / Selcuk			00							23															00		20						
TUR	425.0	BUK	Ankara / Cubuk							23																								20		
TUR	426.0	CRL	Tekirdag / Corlu																																	

TUR	433.0	CRD	Cardak / Denizli			23								23			01		
TUR	440.0	MNI	Amasya / Merzifon			00													
TUR	465.0	SIN	Sinop			00											23		
TUR	480.0	CLD	Aydin / Cildir			00											01		
TUR	487.0	BEY	Beypazari			23								00			22		
UKR	425.0	KS	Kolomyia		20	00											20		23
UKR	445.0	WS	Starokonstantinov																
UKR	445.0	ZU	Starokonstantinov			22	22	23			00			00					
UKR	561.0	JK	Lutsk			00	01							23					
UKR	580.0	HS	Kacha			23					00			00			20		
UKR	580.0	KC	Kacha			22	23							23			20		
UKR	588.0	SF	Simferopol			23											23		
UKR	588.0	SN	Simferopol			19													
UKR	598.0	FN	Ivano-Frankivsk			22	00	23			00			23			20		
UKR	662.0	UW	Kirovskoye			23								00			22		
UKR	690.0	DM	Dmytrivka			23											00		
UKR	733.0	ZK	Kyiv / Zhuliany	21															
UKR	735.0	R	Belbek			19													
UKR	825.0	KB	Kiev / Boryspil	21															
UKR	960.0	CY	Chervonyi	20															
UKR	1148.0	J	Lutsk			19	00												
UZB	485.0	N	Urganch			21								00					
UZB	983.0	NU	Urgench			22													
XOE	434.0	JL	Skjold C Platform				00	23						00	00				
XOE	561.0	LF5R	Sleipner B			00													
XUA	439.0	P	Unknown											23					
XUE	460.0	AS	UNID			22		23			00			22	00		23		
XUE	462.0	WY	UNID			01	00				00				23		23		
XUE	570.0	DO	UNID	21			22												
XUE	714.0	YA	UNID			20								00					
XUF	430.0	TA	UNID														21		
XUF	470.0	BK	UNID		22	21		23			00			00					
XUU	420.0	BF	UNID			22					00			00	00		23		
XUU	435.0	UAP	UNID			01								22			23		
XUU	440.0	BHL	UNID			01		23			00		00	00			23		00
XUU	460.0	ABD	UNID											00					
XUU	483.0	Y	UNID			01					00			23					
XUU	515.0	RG	UNID			22													
XUU	520.0	CHA	UNID - Chellala (ALG) ???		22	22	01	23			00			00					
XUU	625.0	AB	UNID														20		
Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	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	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	SCT ds	Total
ALG	Algeria	1	2	6	1	4	1	2	5		3	6			5		3	6
AUT	Austria	2	2	2	2	2		1	2	2	2	2	2	2	2	2	2	2
AZE	Azerbaijan								1			1			1			1
AZR	Azores			2					2			1						2
BIH	Bosnia-Herzegovina		2	2	2	2			1			1	1	1	1	2	1	2
BLR	Belarus			1														1
BUL	Bulgaria	2	2	3	3	1			2	2	3	3	3		3	2		3
CAN	Canada, NL											1			1			1
CYP	Cyprus			1								1			1			1
CZE	Czechia	8	9	9	7				6	1	5	7			8	1	1	10
DEU	Germany	1	5	4	4	3		1	3	1	4	5	3	1	5	2	3	5
ENG	England			3	2	4		2	3	3	2	3			3		3	4
ESP	Spain		1	3	3	2	3	2	4		3	4			3		2	5
FRA	France	1	7	9	7	3			9	3	8	8	3	1	8	6	9	9
GEO	Georgia		1	2					1			2			2			2
GRC	Greece			1								1			2			2
HNG	Hungary		1	3	1	1			1		1	3			2		1	3
HRV	Croatia	6	6	6	6	4		3	6	4	5	6	6	5	6	5	5	6
IRN	Iran											1			3			3
ITA	Italy	1	1	1	1	1			1	1	1	1	1	1	1	1		1
KAL	Kalinigrad	1	1	6	5	3			5	1	1	5	1		7			7
LBY	Libya			3								3			3			3
MKD	Macedonia		1	1	1				1			1	1	1	1		1	1
MNE	Montenegro (Yugoslavia)			1					1			1		1	1			1
NIR	Northern Ireland			1					1	1		1			1		1	1
POL	Poland	2	4	6	4	3			4		4	4			4	2	1	6
POR	Portugal			1				1	1		1	1			1		1	1
ROU	Romania	6	6	9	5	3			6	1	5	8	2		9	3	1	9
RUS	Russia (European)	14	9	79	13	3			17	4	12	37			13			87
SCT	Scotland			1	1	1			1			1			1		1	1
SRB	Serbia (Yugoslavia)	2	5	7	7	6			6	1	7	6	6	1	7	6	1	8
SVK	Slovakia	6	6	6	6	5			5		5	6	1		6	3	1	6
SVN	Slovenia	1	1	1	1	1			1		1	1	1		1	1		1
SWE	Sweden		2	3	2	1			2	1	3	3			1		1	3
TUR	Turkey			8								4			8			9
UKR	Ukraine	3	1	12	5	2			3			6			7		1	16



UZB	Uzbekistan			2							1						2	
XOE	Int Waters: Europe			1	1	1					1	1					2	
XUA	UNID (Asia?)											1					1	
XUE	UNID (Europe?)	1		3	2	1			2		1	3			2		4	
XUF	UNID (Africa?)		1	1		1			1			1			1		2	
XUU	UNID (No idea where)		1	6	1	2			4		1	6			4		8	
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	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	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	SCT ds
00:00 - 00:59		11	13	27				91		17	113	3		6		35
01:00 - 01:59			31	10							7			6		
02:00 - 02:59			3	1				9		2				1		
03:00 - 03:59							5									
04:00 - 04:59		1														
05:00 - 05:59		1														
06:00 - 06:59																
07:00 - 07:59																
08:00 - 08:59																
09:00 - 09:59					1											
10:00 - 10:59															1	
11:00 - 11:59																
12:00 - 12:59																
13:00 - 13:59																3
14:00 - 14:59																
15:00 - 15:59																
16:00 - 16:59																
17:00 - 17:59			1													
18:00 - 18:59		2					2							18		
19:00 - 19:59	9		3						4				14	15	8	
20:00 - 20:59	23	17	9	6										32	9	
21:00 - 21:59	21	18	37	14		2	4	8	10		3			7	11	
22:00 - 22:59	5	16	66	18		2	1		10	42	14	28		24	5	
23:00 - 23:59		11	53	17	59				2	18	21			26	2	3
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	SCT ds
NDBs:	58	77	216	93	60	4	12	108	26	79	158	31	14	135	36	41

# 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 jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	SCT ds	NDBs
1	250.0											1			1			1
1	255.0			1	1				1		1	1	1		1			1
1	256.0			1											1			1
1	258.0	1	1	1								1			1			1
2	260.0														2			2
1	262.0		1	1	1				1		1	1			1			1
1	265.0	1	1	1	1				1			1	1		1	1		1
1	266.0		1	1					1		1	1			1			1
1	267.5	1	1	1	1				1		1	1			1			1
8	420.0	1	1	7	2	1		1	7	2	3	5	1	2	6	1	3	8
5	421.0	1	4	5	5	3	1	1	5	3	5	5	1	1	4	1	4	5
3	422.0	1	1	2	1	1			1		1	2	1	1	3		1	3
4	423.0	2	3	4	3	3			3	1	3	3			3	2	3	4
6	424.0	2	3	4	4	2		2	4	2	4	4	2	2	5	2	3	6
5	425.0	1	2	5	2	2		1	3		2	4	1	1	4	1	2	5
5	426.0	3	2	5	3	2		1	4	2	3	4	2	2	5	2	3	5
2	427.0		1	2	1				1		2	2			1		1	2
4	428.0	1	3	4	2	3			4	1	2	4	1		3	2	3	4
4	429.0	2	2	4	2	1		1	2	1	2	4	2	1	4	1	1	4
5	430.0		1	4	1				1	1	1	4	1		3	1	1	5
2	431.0		1	2	2	2			2		1	2	1		2		2	2
5	432.0	1	3	5	3	2	1	1	4	1	3	5	1	1	5	1	4	5
5	433.0	1	1	4	2	2	2	3	3	1	2	5	1	1	3	1	2	5
1	433.5			1	1	1		1	1	1	1	1			1		1	1
2	434.0		1	1	2	1			1		2	2			1			2
5	435.0		1	5	1	1			1		1	4	1		4	1	1	5
2	436.0		1	2	1	1			1		1	1			1		1	2
1	437.0		1	1	1	1			1		1	1			1		1	1
3	438.0	3	3	3	2	2			2		1	2			2	1	1	3
1	439.0											1						1
3	440.0			3		1			1		1	2			2		1	3
5	445.0		2	4	2	2			1			1			1	1	1	5
2	450.0	1	1	1	1				1	1	1	2	1		2	1		2
1	455.0			1					1			1						1

1	456.0			1					1			1		1
2	458.0			2				1	1			1		2
2	460.0			1				1	2			1		2
1	462.0			1	1			1	1			1		1
1	463.0	1	1	1	1	1		1	1	1		1	1	1
1	465.0			1								1		1
2	468.0	1		2	1	1		2	1	1		1	1	2
4	470.0	1	2	4	1	2		2	1	3	1	1	3	4
1	474.5			1										1
2	475.0	1		2				1		2				2
1	477.0	1	1	1	1	1		1	1	1		1	1	1
1	478.0			1					1	1				1
2	479.0	1	1	1	1	1		1	2	1	1	1	1	2
3	480.0			3	1				2			2		3
1	483.0			1				1	1					1
3	485.0	1	1	3	1	1		1	3	1		1	1	3
1	486.0	1		1					1			1		1
1	487.0			1					1			1		1
1	488.0	1	1	1	1	1		1	1			1	1	1
3	489.0			2	3	3		1	2			3	1	3
2	490.0	1	1	2	1	1		2	2	1		2	1	2
1	493.0							1	1			1		1
1	495.0			1	1	1		1	1	1		1	1	1
1	508.0	1	1	1	1	1		1	1			1	1	1
1	510.0			1		1		1	1					1
2	514.0	1		1										2
1	514.5	1	1	1	1							1	1	1
2	515.0			2				1		1				2
1	517.0	1	1	1	1	1		1	1	1		1	1	1
4	520.0	2	4	4	2	2		3	4			3	2	4
1	521.0	1	1	1	1	1		1	1	1		1	1	1
1	522.0			1					1					1
1	527.0			1										1
1	534.0	1	1	1	1			1	1			1		1
1	537.0			1	1				1	1	1	1		1
1	545.0			1										1
2	561.0			2	1				1					2
1	563.0		1											1
1	564.0			1					1					1
1	565.0			1										1
2	570.0	1		1	1									2
1	571.0	1	1	1	1				1	1		1		1
2	580.0			2	1			1	2			2		2

2	588.0			2									1			2
1	591.0			1												1
1	596.0			1												1
1	598.0			1	1	1		1					1			1
1	610.0															1
2	618.0			2				1		1						2
1	620.0			1						1						1
3	625.0			2									1			3
1	642.0			1												1
2	659.0			2									1			2
2	662.0			2									1			2
1	676.0			1						1						1
1	680.0			1												1
1	682.0			1												1
1	687.0			1												1
1	690.0			1									1			1
1	694.0			1												1
1	696.0			1												1
2	700.0			2				1		1						2
1	705.0			1				1								1
1	714.0			1												1
1	715.0	1	1	1	1			1		1			1			1
2	730.0			1	1			1		1			2			2
1	732.0			1	1					1						1
1	733.0	1														1
1	735.0			1												1
3	740.0			1						2						3
1	742.0			1												1
1	745.0	1	1	1	1			1		1			1			1
1	749.0			1												1
2	760.0			2						1			1			2
1	770.0			1												1
1	777.0			1												1
1	780.0			1												1
1	825.0	1														1
1	829.0			1						1						1
2	830.0			2												2
1	840.0	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	888.0	1	1	1	1			1		1			1			1
1	900.0	1	1	1	1			1		1						1

1	905.0			1					1			1						1
1	920.0																	1
3	930.0			1	1				1			1				1		3
1	932.0			1														1
2	960.0	1		1	1						1	1						2
1	963.0			1								1						1
1	965.0			1								1						1
1	975.0	1		1														1
1	983.0			1														1
1	985.0		1	1	1				1	1		1	1			1		1
1	995.0			1														1
1	1005.0		1	1	1	1			1	1		1	1					1
1	1020.0	1	1	1	1													1
1	1025.0			1														1
1	1046.0			1														1
1	1055.0		1	1														1
1	1080.0		1	1	1				1			1	1					1
1	1100.0	1		1														1
1	1148.0			1	1													1
1	1175.0			1														1
1	1210.0			1														1
2	1215.0	1		2	1				1			1	1					2
1	1285.0	1	1	1	1	1			1	1		1	1			1		1
1	1290.0	1	1	1	1	1			1	1		1	1			1		1
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG mhm	ENG mt	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA ci	ITA mmi	ITA wb	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
1025.0	US	Muravlyanka		RUS	hw	2015
1046.0	UR	Vologda		RUS	hw	2045
1175.0	BA	Bagayeksy		RUS	hw	2357
1210.0	IO	Kirovsk / Apatity		RUS	hw	2258
1215.0	N	Ufa		RUS	hw	2130
425.0	KS	Kolomyia		UKR	hw	0058
435.0	LG	Chkalovskij		RUS	hw	2132
436.0	S	Darlowo		POL	hw	0240
440.0	MNI	Amasya / Merzifon		TUR	hw	0025

445.0	KM	Kem	RUS	hw	2215
445.0	RD	Bazarnye Matakы	RUS	hw	2250
458.0	WN	Minsk / Machulishchi	BLR	hw	2145
474.5	SA	Darlowo	POL	hw	0240
514.0	IF	Astrakhan / Privolzhsky	RUS	hw	2015
515.0	RG	UNID	XUU	hw	2205
527.0	TE	Terbuny	RUS	hw	2132
545.0	L	Chkalovskij	RUS	hw	2132
561.0	LF5R	Sleipner B	XOE	hw	0040
565.0	KS	Opalikha	RUS	hw	2110
570.0	FE	Oktyabrskiy	RUS	hw	2045
588.0	SN	Simferopol	UKR	hw	1930
596.0	KD	St Petersburg / Pushkin	RUS	hw	2130
618.0	TB	Akhtubinsk	RUS	hw	2357
620.0	N	Pskov	RUS	hw	2110
625.0	OCH	Krasnodar	RUS	hw	0105
642.0	KN	Moscow / Kostino	RUS	hw	2110
659.0	DO	Moscow / Domodedovo	RUS	hw	2357
662.0	SM	Smolenskaya	RUS	hw	0050
680.0	BP	Chelobityevo	RUS	hw	2357
682.0	RD	Rostov-na-Donu / Platov	RUS	hw	2357
687.0	WU	Yeysk	RUS	hw	2357
694.0	AL	Algasovo	RUS	hw	2357
696.0	BT	Alatyr	RUS	hw	2015
700.0	K	St Petersburg / Pulkovo	RUS	hw	2357
735.0	R	Belbek	UKR	hw	1930
740.0	RT	Ivanovo	RUS	hw	2210
742.0	WA	Kursk	RUS	hw	2357
749.0	A	Nizhnekamsk / Begishevo	RUS	hw	2210
760.0	R	Ramenskoe	RUS	hw	2330
770.0	B	Moscow / Sheremetyevo	RUS	hw	2258
777.0	ST	Sirovinskaya	RUS	hw	2357
780.0	N	Anapa / Vityazevo	RUS	hw	2357
830.0	K	Krymsk	RUS	hw	0040
830.0	U	Ulyanovsk / Vostochny	RUS	hw	2245
852.0	OB	Moscow / Vnukovo	RUS	hw	2105
932.0	KR	Krasnoarmeysk	RUS	hw	2357
983.0	NU	Urgench	UZB	hw	2230
995.0	DW	Nikolskoye	RUS	hw	2357
424.0	RUS	Reus	ESP	je	0023
850.0	CIT	Cranfield	ENG	jms	0920
260.0	NSR	Noshahr	IRN	mmi	2251
260.0	RAF	Rafsanjan	IRN	mmi	2005

420.0	BT	Batajnica	SRB	<b>mmi</b>	2005
422.0	ATL	Astypalaia	GRC	<b>mmi</b>	0105
424.0	SEL	Efes / Selcuk	TUR	<b>mmi</b>	0025
430.0	TA	UNID	XUF	<b>mmi</b>	2145
625.0	AB	UNID	XUU	<b>mmi</b>	2005
730.0	WS	Arkhangels / Vaskovo	RUS	<b>mmi</b>	2325
920.0	GW	Primorsko Ahtarsk	RUS	<b>mmi</b>	2235
930.0	H	Chernyakhovsk	KAL	<b>mmi</b>	2316
930.0	R	Zernograd	RUS	<b>mmi</b>	2316
514.0	OF	Moscow / Chkalovskij	RUS	<b>my</b>	2117
733.0	ZK	Kyiv / Zhuliany	UKR	<b>my</b>	2139
825.0	KB	Kiev / Boryspil	UKR	<b>my</b>	2110
960.0	CY	Chervonyi	UKR	<b>my</b>	2051
439.0	P	Unknown	XUA	<b>rb</b>	2348
460.0	ABD	UNID	XUU	<b>rb</b>	0009
479.0	GR	Saratov / Gagarin	RUS	<b>rb</b>	2209
740.0	TG	Armavir / Tsentralny	RUS	<b>rb</b>	0039
740.0	WM	Armavir / Tsentralny	RUS	<b>rb</b>	0018
563.0	XU	Namest Nad Oslavou	CZE	<b>ze</b>	2022

**FREQUENCIES REVISITED - Progress Statistics**

(Please see the explanation below)

THEN  
 NOW

CLE305 240-269,9 kHz / 420-1740 kHz 21.06.2024 - 24.06.2024

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE my		920		52		58		2212
CZE ze		853		64		77		2615
DEU hw		1615		331		216		3907
DEU je		1148		103		93		2429
ENG jms		1348		76		60		2461
ENG mhm		1294		5		4		1683
ENG mt		1144		14		12		1732
ENG nw		1608		162		108		3672
ENG px		1363		35		26		2507
HOL prk		1324		102		79		2790
HOL rb		1780		262		158		4391

ITA ado	612	19	31	1191
ITA ci	562	8	14	1027
ITA mmi	1366	175	135	4694
ITA wb	763	27	36	1419
SCT ds	1567	63	41	2481
<b>Averages:</b>	<b>1204</b>	<b>94</b>	<b>72</b>	<b>2576</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 ids as opposed to hearing them!