NDB LIST CLE No. 227 190 - 1740 kHz 25.12.2017 - 02.01.2018

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, Jablonec nad Nisou, N. Bohemia
DEU	bd	Bernhard Hein, Dessau-Roßlau
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	me	Mike Thayne, Whitley Bay
ENG	pt	John Pitty, Horsham, West Sussex
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	r0	Raimo Karjalainen, while at Siikalatva, Rantsila
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
HOL	rb	Roelof Bakker, Middelburg, Zealand
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 me 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 bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
ALG	356.5	OU	Ouargla																23
ALG	407.0	BCR	Bechar																22
AUT	290.0	GRZ	Graz		17	20	17				16	19							
AUT	293.0	STE	Wien / Schwechat / Steinhof			20	17												
AUT	303.0	RTT	Innsbruck / Rattenberg				17												
AUT	313.0	KI	Klagenfurt	23	19														
AUT	320.0	RUM	Rum		18	20					21								
AUT	327.0	LNZ	Linz / Horsching	00		20	17				16	20							
AUT	358.0	TUN	Tulln for Schwechat	21	19	20	17				19								
AUT	374.0	KFT	Klagenfurt	21	21	20	17				16	20							
AUT	382.0	SBG	Salzburg / Oberndorf	00	03	20	17				15	20							
AUT	408.0	BRK	Wien / Schwechat / Bruck	00	22	20	17				15	20							
AUT	410.0	SI	Salzburg	21	22		17				15								
AUT	420.0	INN	Innsbruck	01	23	21	17				15	20							
AUT	426.0	GBG	Gleichenberg for Graz	01	18	20					15	20							
AZE	456.0	NT	Nakhchivan														21		
AZE	493.0	NO	Nakhchivan														04		
BAL	384.0	ADX	Andraitx for Palma de Mallorca																00
BAL	394.0	IZA	Ibiza																00
BEL	290.0	ONL	Liege / Bierset					16			15	19					11		
BEL	293.0	OB	Brussels National					16			16	19					11		
BEL	314.0	OZ	Brussels National					21			16	19					11		
BEL	323.0	ONC	Charleroi / Gosselies					21									11		
BEL	352.5	DD	Oostende					21			16	15					11		
BEL	355.0	ONW	Antwerpen / Deurne					21			16	19					11		

BEL	360.5	MAK	Mackel for Brussels Ntl					21			16	19					11		
BEL	375.0	OO	Oostende					21			16	01							
BEL	381.0	HTB	Beauvechain														11		
BEL	386.5	SLV	Spa / La Sauveniere								16	19					11		
BEL	399.5	ONO	Oostende					21			16	19							
BEL	402.0	OP	Brussels National					21			16	15					11		
BIH	340.0	BLK	Banja Luka	00	22	22	19												
BIH	355.0	MA	Mostar		22	21	19												
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca		19	22													
BIH	370.0	GAC	Gacko		19	21	19												
BIH	381.0	AS	Sarajevo		22		22												
BIH	383.0	NA	Banja Luka		21	22	19												
BIH	397.0	LU	Banja Luka		22	22	21												
BIH	402.0	ZV	Tuzla		21		20												
BIH	405.0	IL	Sarajevo / Ilidza				20												
BIH	425.0	DNC	Mostar		22	22	19												
BIH	445.0	TU	Tuzla		22	23	19												
BLR	635.0	VX	Minsk 2												17				
BRA	1645.0	MLZ	Platform Merluza (SP)					02											
BUL	284.0	GNA	Gorna						04										
BUL	312.0	BOZ	Bozhurishte						04										
BUL	350.0	DWN	Devnya For Varna						04										
BUL	450.0	PDV	Plovdiv						02										
BUL	490.0	WAK	Vakarel						22										
BUL	537.0	P	Plovdiv						23										
CAN, NL	280.0	QX	Gander							23									
CAN, NL	281.0	CA	Cartwright							00									
CAN, NL	350.0	DF	Deer Lake							23									
CAN, NL	356.0	AY	St Anthony							23									
CAN, NL	378.0	HO	Hopedale							00									
CAN, NL	390.0	JT	Stephenville							00									
CAN, NL	396.0	JC	Rigolet							23									
CAN, QC	276.0	YHR	Chevery							00									
CAN, QC	360.0	PN	Port-Menier / Ile Anticosti							00									
CNR	365.0	VR	Gran Canaria / Las Palmas					23					00						
CNR	376.0	HIE	Valverde / El Hierro					01					00						
CNR	389.0	BX	La Palma					23					00						
CNR	397.0	FV	Fuerteventura										22						
CPV	274.0	SAL	Sal Island / Amilcar Cabral					23					00						
CZE	258.0	N	Ostrava / Mosnov / Nada														18		
CZE	300.0	KD	Kbely / Praha East	21		20	17		00										
CZE	345.5	CF	Caslav / Chotusice / Centograf	00	18	20	17		02								21		
CZE	365.0	L	Karlovy Vary / Vrata		20	20													
CZE	372.0	L	Prague / Ruzyne / Liboc	00		20													
CZE	386.0	RAK	Rakovnik	00		20	19		02										
CZE	416.0	KUN	Kunovice		21												19		
CZE	416.0	V	Vodochody / Pan Brezany	22	21	20													
CZE	429.0	B	Brno / Turany / Borek		21				21								18		
CZE	432.0	PK	Pardubice / Prvek	22	21	20	16		02								18		
CZE	434.0	KNE	Kunovice		22												18		
CZE	438.0	K	Praha Kbely / Kalda	20	22	20	19		01										
CZE	448.0	HLV	Holesov		22		18		02								18		
CZE	492.0	TBV	Moravska / Trebova		22	20	16		02								18		
CZE	514.5	LA	Namest Nad Oslavou				17		02								18		
CZE	534.0	R	Ostrava / Mosnov / Rada				17										18		
CZE	715.0	C	Caslav			20	19		22										
DEU	284.0	FSB	Fassberg											20					
DEU	284.5	DY	Dusseldorf					16											
DEU	286.0	HFX	Hohenfels					18											
DEU	292.0	NKR	Neckar				07	03											
DEU	297.0	FR	Frankfurt					16	00										
DEU	299.0	SL	Berlin / Schonefeld				13												
DEU	309.0	MW	Berlin / Schonefeld					16											
DEU	311.0	LMA	Lima / Bruggen					16						20					
DEU	311.0	NSN	Niederstetten					16	21										
DEU	318.0	AGB	Augsburg									02							
DEU	318.0	HIG	Bremen									02		20					

DEU	321.0	GL	Berlin / Tegel / East														20		
DEU	323.0	GT	Hamburg / North											20					
DEU	330.0	ABU	Altenburg / Nobitz				13	16						21					
DEU	330.0	HC	Heringsdorf					16											
DEU	338.0	MNW	Munchen														21		
DEU	340.0	ZIG	Leipzig				13	16											
DEU	341.0	ALG	Memmingen / Allgau						22										
DEU	352.0	LAA	Niederrheim									02							
DEU	354.0	PAD	Paderborn / Lippstadt											21					
DEU	357.0	SKZ	Leipzig / Halle				13												
DEU	358.0	MSE	Munchen						22								20		
DEU	360.0	SR	Saarbrucken / Ensheim						01					21					
DEU	365.0	LJ	Koln / Bonn											21					
DEU	369.0	MNE	Munchen						23								20		
DEU	370.0	PSA	Spessart						22		16								
DEU	371.0	MYN	Munster / Osnabruck									02							
DEU	374.0	FS	Dresden				13										23		
DEU	376.0	HAN	Hahn								16								
DEU	382.0	FW	Frankfurt / Raunheim						22			02							
DEU	392.0	RW	Berlin / Tegel West														20		
DEU	400.0	MSW	Munchen				21					02		21			20		
DEU	405.0	GRW	Grafenwohr								16								
DEU	406.0	HOZ	Holzdorf				13												
DEU	406.5	BOT	Bottrop								16			22					
DEU	407.0	LUP	Laupheim								16								
DEU	413.5	DLS	Berlin / Tempelhof / Lubars														20		
DEU	417.0	LI	Dusseldorf								16								
DEU	425.0	ERT	Erfurt									02							
DEU	426.0	MIQ	Mike for Ingolstadt				13		00		16	02					20		
DEU	429.0	OBI	Oberpfaffenhofen														20		
DEU	431.0	KBA	Karlsruhe / Baden Baden									02							
DEU	452.0	ANS	Ansbach						22		16	02							
DEU	468.0	FTZ	Fritzlar								16								
DEU	488.0	ILM	Illesheim								16								
ENG	277.0	CHT	Chiltern										18						
ENG	316.0	EPM	Epsom for Heathrow							13		19							
ENG	322.0	LCY	London / City										18						
ENG	323.0	SBL	Sherburn-In-Elmet									19							
ENG	327.0	TNL	Tatenhill							13									
ENG	328.0	BLK	Blackbushe							13	15		18						
ENG	328.0	CL	Carlisle							10									12
ENG	331.0	GST	Gloucester										08						
ENG	332.0	SHM	Shoreham							13			18						
ENG	335.0	WCO	Westcott								15								
ENG	337.0	EX	Exeter										18						01
ENG	337.0	WTN	Warton									19							
ENG	338.0	FNY	Robin Hood / Doncaster / Finningley									19	18						
ENG	339.0	BIA	Bournemouth									19							01
ENG	340.0	LSH	Lashenden / Headcorn								15								
ENG	342.5	NWI	Norwich								15	19							
ENG	343.0	YVL	Yeovil / Westland							10									01
ENG	347.0	NQY	Newquay										18						
ENG	347.5	TD	Teeside									19							
ENG	348.0	FOS	Fairoaks							13	15								
ENG	349.5	LPL	Liverpool									19							
ENG	352.0	NT	Newcastle									19							12
ENG	356.0	WBA	Wolverhampton																01
ENG	362.5	SND	Southend-On-Sea								15								
ENG	368.5	WHI	Whitegate for Hawarden																12
ENG	369.0	RCH	Rochester							13	15								
ENG	383.5	LE	Leicester							13									
ENG	386.0	BZ	Brize Norton								15								01
ENG	391.5	EAS	Southampton / Eastleigh								15								
ENG	402.5	LBA	Leeds / Bradford									19	08						
ENG	406.0	BHX	Birmingham										07						
ENG	414.0	BRI	Bristol / Filton																01
ENG	426.0	SH	Shobdon							13									01

ENG	433.5	HEN	Henton								15							
ESP	308.0	VT	Vitoria										00					
ESP	310.0	AMN	Almeria										00				22	
ESP	319.0	ECV	Colmenar Viejo										00					00
ESP	325.0	AST	Asturias										21					
ESP	328.0	HIG	San Sebastian					02					21				00	00
ESP	335.0	TON	Torralba de Aragon															00
ESP	340.0	PND	Valencia / Pinedo														23	00
ESP	356.0	SGO	Sagunto					01									00	00
ESP	380.0	VNV	Vilanova i la Geltru					02									00	00
ESP	389.0	ZRZ	Zaragoza					02									22	00
ESP	395.0	B	Bilbao															00
ESP	399.0	EAG	Logrono / Agoncillo					23					00					
ESP	404.0	LRD	Lerida					02									22	00
ESP	410.0	C	La Coruna					02										
ESP	412.0	GRN	Gerona					02									22	
ESP	420.0	SPP	Sevilla / San Pablo										00					
ESP	421.0	GE	Madrid / Grinon					01									00	
ESP	422.0	PAM	Pamplona										00					00
ESP	424.0	RUS	Reus					02									01	
ESP	433.0	JER	Jerez										17					
ESP	433.0	VON	Vigo										17					
EST	317.0	OZ	Kardla													16		
EST	366.0	U	Tartu													21		
EST	386.0	O	Kardla													17		
EST	397.0	UM	Tartu / Ulenurme													21		
EST	432.0	G	Amari													17		
EST	514.0	GO	Amari Air Base													21		
FRA	289.0	HR	Hericourt					01										
FRA	291.0	WS	Grenoble / St Geoirs					01										
FRA	299.0	BO	St Etienne / Boutheon					01										
FRA	302.0	ROM	Rodez / Marcillac					01										
FRA	315.0	HOL	Villacoublay / Velizy										17					
FRA	317.0	VS	Valenciennes / Denain					01										
FRA	320.0	VE	Valence / Chabeuil					01									15	
FRA	321.0	ABY	Albert / Bray					01					18					00
FRA	322.0	ORS	Orleans / St Denis De L'Hotel										17					
FRA	322.0	TLN	Hyeres / Le Palyvestre					01										
FRA	323.0	AB	Albi / Le Sequestre					01										
FRA	330.0	MB	Montbeliard / Courcelles														15	
FRA	331.0	TUR	Tours / Val De Loire					01										
FRA	334.0	DX	Dax / Seyresse															00
FRA	346.0	CH	Chambery / Aix-Les-Bains														16	
FRA	351.0	DSA	Dieppe / St Aubin										08					
FRA	354.0	MTZ	Metz / Nancy-Lorraine									17						
FRA	358.0	BRS	Biscarosse / Parentis															00
FRA	358.0	LT	Le Touquet / Paris-Plage										21					
FRA	358.0	RNN	Roanne / Renaison														16	
FRA	361.0	NB	Bordeaux / Merignac															00
FRA	364.0	PU	Pau / Pyrenees															00
FRA	369.0	GL	Nantes / Atlantique															00
FRA	378.0	LU	Le Luc / Le Cannet														17	
FRA	380.0	RQ	Quimper / Pluguffan										07					
FRA	384.0	AT	Annecy / Meythet														18	
FRA	388.0	BR	Lyon / Bron														18	
FRA	390.0	DR	Dinard / Pleurtuit-St Malo															00
FRA	393.0	BD	Bordeaux / Merignac															00
FRA	395.0	OB	Marseille / Provence														18	
FRA	396.0	ROC	Rochefort / St Agnant															00
FRA	397.0	EG	Grenoble / St Geoirs														18	
FRA	398.0	LPD	Montlucon / Gueret										00				18	
FRA	398.0	MT	St Nazaire / Montoir										21					
FRA	403.0	VZ	Vichy / Charmeil									01						
FRA	404.0	AGO	Angouleme / Brie Champniers									22						
FRA	404.0	CNE	Caen / Carpiquet									17						
FRA	410.0	ETN	Etain / Rouvres									20						
FRA	412.0	SE	Strasbourg / Entzheim									17						

FRA	418.0	MK	Calais / Dunkerque									17						
FRA	419.0	EMT	Epinal / Mirecourt									19						
FRA	424.0	PHG	Phalsbourg / Bourscheid									17						
FRA	426.0	CTS	Castets										17					
FRA	427.0	RY	Royan / Medis															00
FRA	428.0	CTX	Chateauroux / Deols										17					
FRA	434.0	MV	Melun / Villaroche									17						
GEO	430.0	LU	Batumi													20		
GEO	520.0	DF	Mukhrani													20		
GRC	362.0	LSA	Larissa		19													
GRC	429.0	LIO	Limnos		23													
GRL	372.0	OZN	Prins Christian Sund / Kitaa							21								
GSY	383.0	ALD	Alderney															00
HNG	295.0	DC	Debrecen						01									
HNG	306.0	TPS	Tapiosap		17				23		19							
HNG	326.0	C	Debrecen		18				23		21							
HNG	348.0	SVR	Sagvar		20				22		18							
HNG	354.0	GYR	Gyor		19				22		19							
HNG	374.0	BKS	Bekes		19				22		18							
HNG	386.0	PTB	Pusztaszabolcs		21				22		17							
HNG	390.0	SAG	Sajohidveg		21				23		17							
HNG	412.0	PP	Pecs		21						18							
HNG	430.0	BUG	Bugac		21				22		19							
HNG	436.0	SME	Sarmellek / Balaton		22				22		18							
HOL	326.0	LLS	Lelystad								15					11		
HOL	330.0	SO	Eelde / Groningen								15	07		20		11		
HOL	332.0	NV	Amsterdam / Schiphol								15	22		20		11		
HOL	350.5	ROT	Rotterdam								15	07		20				
HOL	357.0	VZ	Eelde / Groningen											21		11		
HOL	373.0	NW	Maastricht / Beek								15	22		21		11		
HOL	383.5	GUL	Gulpen								15	22		22		11		
HOL	386.0	STD	Stad Aan Het Haringvliet								15			22				
HOL	388.5	CH	Amsterdam / Schiphol											21		11		
HOL	395.0	OA	Amsterdam / Schiphol / Assendelft								15	22				11		
HOL	397.0	EHN	Eindhoven								15	22		22		11		
HOL	404.5	RR	Rotterdam Locator								15	22		22		11		
HRV	316.0	TNJ	Tounj	23														
HRV	318.0	KLP	Dubrovnik / Kolocep		17													
HRV	330.0	ZRA	Zadar / Kakman		19													
HRV	350.0	SK	Zagreb / Pleso / S. Kraljevec	00														
HRV	351.5	PLA	Pula	00		21					19							
HRV	367.0	ZAG	Zagreb	00		20	18				18							
HRV	369.0	VRS	Vrsar	00							18							
HRV	372.0	CE	Osijek / Cepin	21	19	21	18											
HRV	385.0	BO	Zadar / Bokanjac		21		18											
HRV	397.0	CV	Dubrovnik / Cavtat		21													
HRV	400.0	BRZ	Rijeka / Krk / Breza	00		21					19							
HRV	412.0	HUM	Humac		21													
HRV	414.0	GR	Dubrovnik / Gruda		21													
HRV	418.0	DVN	Split / Drvenik	22		21	18											
HRV	420.0	GS	Pula			21	18				19							
HRV	421.0	SAL	Zadar / Sali		21													
HRV	422.0	OSJ	Osijek		21	21	18				19							
HRV	424.0	PIS	Zagreb / Pleso / Pisarovina	22		21	18				19							
HRV	429.0	LOS	Losinj	22	21		18				19							
HRV	433.0	CRE	Cres			21	18				19							
HRV	438.0	KO	Rijeka / Krk / Kozala			21	18				19							
IOM	359.0	RWY	Isle Of Man / Ronaldsway															12
IRL	316.0	OE	Dublin							21								
IRL	334.0	GMN	Gormanston							21								
IRL	334.0	KER	Kerry / Farranfore							21								
IRL	361.0	CFN	Donegal / Carrickfin							21								
IRL	368.0	WTD	Waterford							13								
IRL	378.0	KLY	Killiney for Dublin							13								
IRL	384.0	SLG	Sligo							21								
IRL	387.0	CML	Clonmel							21								
IRL	395.0	FOY	Foynes for Shannon							21								

ITA	292.0	NOV	Novara (NO)														11	
ITA	301.5	TRE	Treviso (TV)														11	
ITA	318.0	GEN	Genova (GE)														11	
ITA	330.0	SRN	Saronno (VA)														11	
ITA	333.5	VOG	Voghera (PV)	00		22											11	
ITA	345.0	TZO	Trezzo sull'Adda (MI)														11	
ITA	350.0	BLA	Cerrione (BI)														11	
ITA	357.5	FAL	Falconara Marittima (AN)	00		22												
ITA	371.0	RIV	Codroipo / Rivolto (UD)	21														
ITA	374.5	ANC	Ancona (AN)	21		21	18											
ITA	376.5	ORI	Orio al Serio (BG)	21			18				02							
ITA	379.0	PIS	Pisa (PI)				18				02						11	
ITA	379.0	VEN	Venezia (VE)	21			18										12	
ITA	382.0	GAZ	Gazoldo degli Ippoliti (MN)			20												
ITA	386.0	LNE	Milano / Linate (MI)			22	18											
ITA	390.0	AVI	Aviano (PN)	00			18				02							
ITA	392.5	TOP	Torino / Poirino (TO)			23	18				02							
ITA	396.0	RON	Ronchi dei Legionari (GO)	21		23					02							
ITA	398.0	PRU	Perugia / San Egidio	00		22					02							
ITA	400.5	COD	Codogno (LO)			23	18				02						12	
ITA	405.0	VIE	Vieste (FG)								02							
ITA	413.0	BOA	Bologna (BO)				18				02							
ITA	417.0	VIC	Vicenza (VI)			23	19				02							
JSY	329.0	JW	Jersey									12						00
KAL	840.0	KR	Kaliningrad / Khrabovo										21					
LBY	429.0	KDR	Kadra				05											
LUX	307.0	DIK	Diekirch					22			02							
LUX	318.0	LE	Luxembourg-Est					22										
LUX	346.0	WLU	Luxembourg					22			02							
LUX	368.5	ELU	Luxembourg-Berg					21			02							
LUX	404.0	LW	Luxembourg					21			02							
MKD	295.0	PT	Skopje		21													
MKD	297.0	PEP	Prilep		22													
MKD	432.0	IZD	Ohrid / Izdeglavlje		21													
MNE	302.0	NIK	Niksic		22													
MNE	308.0	MOJ	Mojkovac		22													
MNE	312.0	DAN	Danilvograd For Podgorica		22													
MNE	345.0	TAZ	Tivat		22													
MNE	420.0	GO	Podgorica		22													
NIR	328.5	EGT	Londonderry / Eglinton							21								
NIR	420.0	HB	George Best Belfast City Airport							21								
NOR	342.0	LL	Leirin / Fagernes											20				
NOR	360.0	ULV	Bronnoysund / Ulvingen											18				
NOR	362.0	BVK	Orsta-Volda / Hovden / Baatvik											20				
NOR	380.0	FLR	Trondheim / Vaernes / Flornes											18				
NOR	396.0	YG	Rygge / Enge											06				
NOR	414.0	HD	Sandnessjoen / Stokka / Hestad											06				
POL	262.0	NR	Inowroclaw													21		
POL	300.0	NE	Pruszcz Gdanski										23			20		
POL	345.0	NB	Malbork													21		
POL	375.0	CHO	Chociwel										23					
POL	385.0	NWT	Leczyca										23			21		
POL	388.0	BDG	Bydgoszcz / Szwederowo										23			20		
POL	437.0	NP	Tomaszow-Mazowiecki / Porter													20		
POL	444.0	NRD	Inowroclaw										23					
POL	474.0	BIA	Rzeszow / Jasionka										22					
POL	474.5	SA	Darlowo													07		
POL	488.0	NPR	Tomaszow-Mazowiecki / Porter										23			20		
POL	489.0	NK	Poznan / Krzesiny / Kamera										23			20		
POL	520.0	NW	Leczyca										20			21		
POR	327.0	POR	Porto									21					22	
POR	332.0	FAR	Faro					02				21						
POR	359.0	CA	Cascais									22						
POR	367.0	PG	Porto									22						
POR	371.0	STR	Sintra									20						
POR	376.0	BJA	Beja					02				22						
POR	382.0	LAR	Arruda									22						

POR	389.0	CP	Lisboa / Caparica					02					00					23	
POR	401.0	LO	Lisbon / Caparica										22						
POR	425.0	EVR	Evora					00					18						
POR	426.0	CB	Coimbra					02											
ROU	267.5	OPW	Bucuresti / Otopeni						01								03		
ROU	338.0	TIM	Timisoara						01										
ROU	349.0	OPE	Bucuresti / Otopeni						01		19						20		
ROU	351.0	ISI	Iasi						01		18						21		
ROU	360.0	O	Oradea						00		18								
ROU	370.0	OTL	Bucuresti / Otopeni														20		
ROU	373.0	D	Tirgu Mures								21						21		
ROU	381.0	SIB	Sibiu / Turnisor						01		17						21		
ROU	384.0	IAS	Iasi								21						21		
ROU	418.0	ORA	Oradea								19								
ROU	428.0	TGM	Targu Mures / Vidrasau						01		21						21		
ROU	517.0	ARD	Arad						23		17								
ROU	520.0	B	Bacau						21								20		
ROU	521.0	BSW	Bucuresti / Baneasa						01		18						20		
RUS	335.0	FV	Venev														23		
RUS	430.0	AJ	Staritza														21		
RUS	455.0	KZ	Kizliar														22		
RUS	478.0	MF	Larionovo											21		19	21		
RUS	493.0	RW	Maryino													19	00		
RUS	507.0	ND	Bolshevik														18		
RUS	642.0	KN	Moscow / Kostino													19			
RUS	659.0	DO	Moscow / Domodedovo													19			
RUS	680.0	BP	Chelobityevo													19			
RUS	700.0	AD	Moscow / Sheremetievo													19			
RUS	745.0	BG	Karmanovo											21					
RUS	1005.0	LO	Klimovsk													19			
RUS	1020.0	DK	Glotayevo													19			
RUS	1080.0	AR	Buzharovo													19			
RUS	1185.0	D	Ramenskoe													19			
RUS	1285.0	SW	Savelovo											21		19	15		
RUS	1290.0	TU	Bely											21		19	21		
SCT	316.0	BRR	Barra																02
SCT	341.0	EDN	Edinburgh																12
SCT	344.0	WCK	Wick																02
SCT	368.0	UW	Edinburgh																12
SCT	380.0	CBL	Campbeltown																12
SCT	394.0	DND	Dundee																12
SCT	395.0	LAY	Islay																12
SCT	399.0	NGY	New Galloway for Prestwick																12
SCT	401.0	BBA	Benbecula																12
SCT	431.0	SAY	Stornoway																12
SRB	316.0	JA	Beograd						01										
SRB	330.0	ML	Kraljevo		19														
SRB	337.0	VRN	Vranje								23								
SRB	348.0	TPL	Topola		20						23								
SRB	355.0	OBR	Beograd / Obrenovac						01		23								
SRB	360.0	LA	Kraljevo		19						20								
SRB	380.0	KN	Beograd / Krnjesevci						01										
SRB	387.0	AD	Kraljevo		21														
SRB	390.0	VAL	Valjevo		21														
SRB	405.0	JST	Nis / Justic		21				01		23								
SRB	416.0	POZ	Beograd / Pozarevac		21				21		21								
SRB	420.0	SR	Uzice / Ponikve		22														
SRB	423.0	ZO	Nis / Zitoradja		21				01		21								
SRB	435.0	BR	Brdjani		22				01		22								
SRB	468.0	VTN	Kraljevo / Vitanovac						01										
SRB	470.0	UZ	Uzice / Ponikve						00										
SRB	485.0	IA	Indija						00		23								
SRB	495.0	PA	Pancevo								23								
SUI	335.0	BER	Bern / Belp									01							
SUI	403.0	LPS	Les Eplatures									02							
SVK	310.0	DBV	Dubove						01								20		
SVK	317.0	PPD	Poprad / Tatry						01								20		

Cou, S/P	QRG	ID	Name	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
SVK	330.0	OB	Bratislava / M.R Stefanik / South						01								20		
SVK	391.0	OKR	Bratislava / M.R Stefanik / North						02								20		
SVK	412.0	FS	Sliac						23								20		
SVK	418.0	PW	Poprad / Tatry West						21								20		
SVK	425.0	KE	Kosice						01								20		
SVK	438.0	B	Bratislava / M.R Stefanik / Barka						01								20		
SVK	438.0	PE	Poprad / Tatry East						01								20		
SVK	508.0	Z	Zilina / Hlinik														20		
SVK	571.0	P	Presov / Kapusany						01										
SVN	296.0	MG	Ljubljana		21		21												
SVN	334.0	MR	Maribor	00	19	22	17												
SVN	355.0	MI	Maribor		19	22	22												
SVN	359.0	RK	Cerklje		21														
SVN	388.0	PZ	Portoroz	21	20	22	19												
SVN	463.0	CL	Cerklje		21	23	16												
SWE	320.0	OL	Lycksele												19				
SWE	325.0	PG	Trollhattan / Vanersborg												19				
SWE	326.0	KG	Kramfors / Bjartra												19				
SWE	330.0	LNA	Lena												20				
SWE	338.0	OA	Jonkoping												20				
SWE	364.0	VNA	Vanja												18				
SWE	377.0	OL	Lulea / Kallax												18				
SWE	377.0	SM	Mora / Siljan												18				
SWE	416.0	BCS	Baccus												18				
TUR	363.0	CIG	Izmir / Cigli / Kaklic						21										
UKR	290.0	IF	Ivano-Frankovsk														20		
UKR	334.0	VI	Verchnie Vysotske														20		
UKR	432.0	BB	Bibrka													19	21		
UKR	445.0	WS	Starokonstantinov														18		
UKR	462.0	VI	Zhitomir														05		
UKR	509.0	CR	Chernivtsi														19		
UKR	598.0	F	Ivano-Frankivsk														20		
UKR	672.0	RS	Rashivka													18			
UKR	690.0	DM	Dmytrivka													18			
UKR	733.0	ZK	Kyiv / Zhuliany													19			
UKR	825.0	KB	Kiev / Boryspil													17			
WLS	323.0	WPL	Welshpool							13									19
WLS	340.0	HAW	Hawarden							13									12
WLS	388.5	CDF	Cardiff							13									19
XOE	326.0	YW	Tyra West Platform									02							
XOE	333.0	GFC	Statoil Gullfaks C Platform									19							
XOE	340.0	HEI	Heidrun									19							
XOE	353.0	OBA	Oseberg A platform									19							
XOE	419.0	RA	Tyra East A Platform									19							
XOE	420.0	LGS	Conoco Loggs Platform									08							

COUNTRIES HEARD:

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

ITU	ITU_Name	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
ALG	Algeria																2
AUT	Austria	9	10	10	10				10	7							
AZE	Azerbaijan														2		
BAL	Balearic Islands																2
BEL	Belgium					10			10	10					10		
BIH	Bosnia-Hercegovina	1	10	8	10												
BLR	Belarus													1			
BRA	Brazil					1											
BUL	Bulgaria						6										
CAN	Canada, NL							7									
CAN	Canada, QC							2									
CNR	Canary Islands					3					4						
CPV	Cape Verde					1					1						

ITU	ITU_Name	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
CZE	Czechia	7	10	10	10		10								10		
DEU	Germany				9	10	10		10	10		10			10		
ENG	England							10	10	10	10						10
ESP	Spain					10					10					10	10
EST	Estonia													6			
FRA	France					10				10	10					10	10
GEO	Georgia														2		
GRC	Greece		2														
GRL	Greenland							1									
GSY	Guernsey																1
HNG	Hungary		10				10		10								
HOL	Netherlands								10	8		10			10		
HRV	Croatia	10	10	10	10				10								
IOM	Isle Of Man																1
IRL	Ireland							9									
ITA	Italy	9		10	10					10						10	
JSY	Jersey										1						1
KAL	Kaliningrad											1					
LBY	Libya				1												
LUX	Luxembourg					5				4							
MKD	Macedonia		3														
MNE	Montenegro (Yugoslavia)		5														
NIR	Northern Ireland							2									
NOR	Norway												6				
POL	Poland											9			10		
POR	Portugal					5					10					2	
ROU	Romania						10		10						10		
RUS	Russia (European)											4		12	8		
SCT	Scotland																10
SRB	Serbia (Yugoslavia)		10				10		10								
SUI	Switzerland									2							
SVK	Slovakia						10								10		
SVN	Slovenia	2	6	4	5												
SWE	Sweden												9				
TUR	Turkey						1										
UKR	Ukraine													5	7		
WLS	Wales							3									3
XOE	Int Waters: Europe									6							

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 bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
00:00 - 00:59	17				1	6	5			12				1	4	24
01:00 - 01:59	2				13	24			3						1	7
02:00 - 02:59					12	8			26							2
03:00 - 03:59		1			1									1		
04:00 - 04:59						3								1		
05:00 - 05:59				1										1		
06:00 - 06:59												2				
07:00 - 07:59				1					2	2				1		
08:00 - 08:59									1	3						
09:00 - 09:59																
10:00 - 10:59							2									
11:00 - 11:59														20	8	
12:00 - 12:59										1					2	13
13:00 - 13:59				7			13									
14:00 - 14:59																
15:00 - 15:59								26	2					1	2	
16:00 - 16:59				3	10			22					1		2	
17:00 - 17:59		3		15				4	6	6			4		1	
18:00 - 18:59		4		20	1			9		9		6	2	10	5	
19:00 - 19:59		13		11				14	23			3	14	2		2

UTC (hh)	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds
20:00 - 20:59	1	4	21	2				1	7	1	8	4		32		
21:00 - 21:59	11	28	13	3	10	6	10	7		6	13		3	16		
22:00 - 22:59	5	21	12	2	3	13		1	7	6	6			1	5	1
23:00 - 23:59	2	2	6		4	7	4	6			7			2	2	1
NDBs	**38**	**76**	**52**	**65**	**55**	**67**	**34**	**90**	**77**	**46**	**34**	**15**	**24**	**89**	**32**	**50**

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds	NDBs
1	258.0														1			**1**
1	262.0														1			**1**
1	267.5						1								1			**1**
1	274.0					1					1							**1**
1	276.0							1										**1**
1	277.0										1							**1**
1	280.0							1										**1**
1	281.0							1										**1**
2	284.0						1					1						**2**
1	284.5					1												**1**
1	286.0					1												**1**
1	289.0					1												**1**
3	290.0		1	1	1	1			2	2					2			**3**
1	291.0					1												**1**
2	292.0				1	1										1		**2**
2	293.0			1	1	1			1	1					1			**2**
2	295.0		1				1											**2**
1	296.0		1		1													**1**
2	297.0		1			1	1											**2**
2	299.0				1	1												**2**
2	300.0	1		1	1		1					1			1			**2**
1	301.5															1		**1**
2	302.0		1			1												**2**
1	303.0				1													**1**
1	306.0		1				1		1									**1**
1	307.0					1				1								**1**
2	308.0		1								1							**2**
1	309.0					1												**1**
2	310.0						1				1				1	1		**2**
2	311.0					2	1					1						**2**
2	312.0		1				1											**2**
1	313.0	1	1															**1**
1	314.0					1			1	1					1			**1**
1	315.0										1							**1**
5	316.0	1					1	2		1							1	**5**
3	317.0					1	1							1	1			**3**
5	318.0		1			1				2		1				1		**5**
1	319.0										1						1	**1**
3	320.0		1	1		1			1				1			1		**3**
2	321.0					1					1				1		1	**2**
3	322.0					1					2							**3**
5	323.0					2		1		1		1			1		1	**5**
2	325.0										1		1					**2**
4	326.0		1				1		2	1			1		1			**4**
3	327.0	1		1	1			1	1	1	1					1		**3**
3	328.0					1		2	1		2					1	2	**3**
1	328.5							1										**1**
1	329.0										1						1	**1**
9	330.0		2		1	2	1		1	1		2	1		2	2		**9**
2	331.0					1					1							**2**
3	332.0					1		1	1	1	2	1			1			**3**
1	333.0									1								**1**

1	333.5	1		1												1		**1**
5	334.0	1	1	1	1			2							1		1	**5**
4	335.0								1	1					1		1	**4**
3	337.0								1	1	1						1	**3**
4	338.0						1			1	1		1		1			**4**
1	339.0									1							1	**1**
6	340.0	1	1	1	2	1		1	1	1						1	2	**6**
2	341.0						1										1	**2**
1	342.0												1					**1**
1	342.5								1	1								**1**
1	343.0							1									1	**1**
1	344.0																1	**1**
3	345.0		1												1	1		**3**
1	345.5	1	1	1	1		1								1			**1**
2	346.0					1				1						1		**2**
1	347.0										1							**1**
1	347.5									1								**1**
3	348.0		2				1	1	3									**3**
1	349.0						1		1						1			**1**
1	349.5									1								**1**
4	350.0	1					1	1								1		**4**
1	350.5								1	1		1						**1**
2	351.0						1		1		1				1			**2**
1	351.5	1		1					1									**1**
2	352.0									2							1	**2**
1	352.5					1			1	1					1			**1**
1	353.0									1								**1**
3	354.0		1				1		1	1		1						**3**
4	355.0		2	2	2	1	1		2	1					1			**4**
3	356.0					1		1								1	2	**3**
1	356.5																1	**1**
2	357.0				1							1			1			**2**
2	357.5	1	1	2														**2**
5	358.0	1	1	1	1		1		1		1				1	1	1	**5**
3	359.0		1								1						1	**3**
5	360.0		1				2	1	2			1	1					**5**
1	360.5					1			1	1					1			**1**
2	361.0							1									1	**2**
2	362.0		1										1					**2**
1	362.5								1									**1**
1	363.0						1											**1**
2	364.0												1				1	**2**
3	365.0		1	1		1					1	1						**3**
1	366.0													1				**1**
2	367.0	1		1	1				1		1							**2**
2	368.0							1									1	**2**
2	368.5					1				1							1	**2**
4	369.0	1					1	1	2						1		1	**4**
3	370.0		1	1	1		1		1						1			**3**
3	371.0	1								1	1							**3**
3	372.0	2	1	2	1			1										**3**
2	373.0								2	1		1			2			**2**
3	374.0	1	2	1	2		1		2	1					1			**3**
1	374.5	1		1	1													**1**
2	375.0					1			1	1		1						**2**
3	376.0					2			1		2							**3**
1	376.5	1			1					1								**1**
2	377.0												2					**2**
3	378.0							2								1		**3**
2	379.0	1			2					1						2		**2**
5	380.0					1	1				1		1			1	2	**5**
3	381.0		1		1		1		1						2			**3**
4	382.0	1	1	2	1		1		1	2	1							**4**
2	383.0		1	1	1												1	**2**
2	383.5							1	1	1		1			1			**2**
4	384.0							1	1						1	1	1	**4**
2	385.0		1		1							1			1			**2**

6	386.0	1	1	2	2		2		3			1		1			1	**6**
1	386.5								1	1					1			**1**
2	387.0		1					1										**2**
3	388.0	1	1	1	1							1			1	1		**3**
2	388.5							1				1			1		1	**2**
3	389.0					3					2					2	1	**3**
5	390.0	1	2		1		1	1	1	1							1	**5**
1	391.0						1								1			**1**
1	391.5								1									**1**
1	392.0														1			**1**
1	392.5			1	1					1								**1**
1	393.0																1	**1**
2	394.0																2	**2**
5	395.0							1	1	1					1	1	2	**5**
4	396.0	1		1				1		1			1				1	**4**
6	397.0		2	1	1				1	1	1	1		1	1	1		**6**
3	398.0	1		1						1	2					1		**3**
2	399.0					1					1						1	**2**
1	399.5					1			1	1								**1**
2	400.0	1		1	1				1	1		1			1			**2**
1	400.5			1	1					1						1		**1**
2	401.0										1						1	**2**
2	402.0		1		1	1			1	1					1			**2**
1	402.5									1	1							**1**
2	403.0									2								**2**
4	404.0					2				3						1	1	**4**
1	404.5								1	1		1			1			**1**
4	405.0		1		1		1		2	1								**4**
2	406.0				1						1							**2**
1	406.5								1			1						**1**
2	407.0								1								1	**2**
1	408.0	1	1	1	1				1	1								**1**
3	410.0	1	1		1	1			1	1								**3**
5	412.0		2			1	1		1	1					1	1		**5**
1	413.0				1					1								**1**
1	413.5														1			**1**
3	414.0		1										1				1	**3**
4	416.0	1	3	1			1		1				1		1			**4**
2	417.0			1	1				1	1								**2**
4	418.0	1		1	1		1		1	1					1			**4**
2	419.0									2								**2**
7	420.0	1	3	2	2			1	2	2	1							**7**
2	421.0		1			1										1		**2**
2	422.0		1	1	1				1		1						1	**2**
1	423.0		1				1		1									**1**
3	424.0	1		1	1	1			1	1						1		**3**
4	425.0		1	1	1	1	1			1	1				1			**4**
5	426.0	1	1	1	1	1	1	1	2	2	1				1		1	**5**
1	427.0																1	**1**
2	428.0						1		1		1				1			**2**
5	429.0	1	3		2		1		1						2			**5**
3	430.0		1				1		1						2			**3**
2	431.0									1							1	**2**
4	432.0	1	2	1	1		1							2	2			**4**
3	433.0			1	1				1		2							**3**
1	433.5								1									**1**
2	434.0		1							1					1			**2**
1	435.0		1				1		1									**1**
1	436.0		1				1		1									**1**
1	437.0														1			**1**
4	438.0	1	1	2	2		3		1						2			**4**
1	444.0											1						**1**
2	445.0		1	1	1										1			**2**
1	448.0		1		1		1								1			**1**
1	450.0						1											**1**
1	452.0						1		1	1								**1**
1	455.0														1			**1**

NDBs	QRG	CZE lk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG pt	ENG px	FIN r0	FIN ro	HOL rb	ITA wb	SCT ds	NDBs
1	456.0														1			1
1	462.0														1			1
1	463.0		1	1	1													1
2	468.0						1		1									2
1	470.0						1											1
1	474.0											1						1
1	474.5														1			1
1	478.0											1		1	1			1
1	485.0						1		1									1
2	488.0								1			1			1			2
1	489.0											1			1			1
1	490.0						1											1
1	492.0		1	1	1		1								1			1
2	493.0													1	2			2
1	495.0								1									1
1	507.0														1			1
1	508.0														1			1
1	509.0														1			1
1	514.0													1				1
1	514.5				1		1								1			1
1	517.0						1		1									1
3	520.0						1					1			3			3
1	521.0						1		1						1			1
1	534.0				1										1			1
1	537.0						1											1
1	571.0						1											1
1	598.0														1			1
1	635.0													1				1
1	642.0													1				1
1	659.0													1				1
1	672.0													1				1
1	680.0													1				1
1	690.0													1				1
1	700.0													1				1
1	715.0			1	1		1											1
1	733.0													1				1
1	745.0											1						1
1	825.0													1				1
1	840.0											1						1
1	1005.0													1				1
1	1020.0													1				1
1	1080.0													1				1
1	1185.0													1				1
1	1285.0											1		1	1			1
1	1290.0											1		1	1			1
1	1645.0					1												1

CLE REVISITED - Statistics

(Please see the explanation below)

THEN	CLE092 - BEARING - 01.06.2007 - 04.06.2007
NOW	CLE227 - BEARING - 25.12.2017 - 02.01.2018

Listener	Bearing THEN	Bearing NOW
CZE lk		170.00°
CZE my		145.00°
CZE ze		170.00°
DEU bd		158.00°
DEU hw		230.00°
DEU je		134.00°
ENG bk	210.00°	310.00°

ENG hh		108.00°
ENG me		134.00°
ENG pt		215.36°
ENG px		82.00°
FIN r0		270.00°
FIN ro		168.51°
HOL rb	143.00°	94.00°
ITA wb		249.00°
SCT ds		163.00°

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.

CLE227_Results_REU.xlsxls
je - 07.01.2018