

NDB LIST CLE No. 303

'ONE NDB PER RADIO COUNTRY'

190 - 1740 kHz

26.04.2024 - 29.04.2024

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 'Křivoklát', CZE (rCZEkk / JO60wa)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	pnd	Paul Newland, Rattery
ENG	px	Peter Greatorrex, Bolsover, Derbyshire
HOL	prk	Peter Reuderink, Woerden
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	ado	Andrea Dalbagno, Gazzadina
ITA	mmi	Maurizio Marini, Lodi
ITA	wb	William G Buchanan, Alessandria
SCT	ds	David Atkins, Tighnabruaich, Argyll
SCT	mhm	Mark Hattam, St Just in Penwith

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'ndblist.info - 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 my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm
ALG	320.0	BBS	Beni Abbes					23									01	
ALG	353.0	BNA	Beni Amrane						21									
ALG	415.0	ON	Oran / Es Senia															
ALG	424.0	GRS	Ghriss									22			22			
ALG	432.0	HMB	Hammam Bou Hadjar for Oran			22							23					
ALG	490.0	TFR	Tafaroui											22				
ALG	510.0	BL	Blida		00													
ARS	394.0	RAS	Ras Al-Mishab Airport			22									21			
AUT	303.0	RTT	Innsbruck / Rattenberg					23									22	
AUT	320.0	RUM	Innsbruck / Rum													21		
AUT	327.0	LNZ	Linz / Horsching							18								
AUT	358.0	TUN	Tulln for Schwechat											22				
AUT	374.0	KFT	Klagenfurt	20														
AUT	410.0	SI	Salzburg		20													
AUT	418.0	ZW	Zeltweg												17			
AUT	426.0	GBG	Gleichenberg for Graz			01	19		21		22	22	23					
AZE	493.0	NO	Nakhchivan			21			21						22			
AZR	331.0	SC	Santa Cruz Das Flores										21				22	
AZR	380.0	FIL	Horta / Faial Island			00			01	20					19			
BAL	344.0	MN	Menorca	02	20											23		
BAL	384.0	ADX	Andraitx for Palma de Mallorca				23	23										
BAL	394.0	IZA	Ibiza			01			21			22	23	22	18			
BAL	401.0	PTC	Porto Colom for Palma De Mallorca														01	
BEL	290.0	ONL	Liege / Bierset					23	21		20							
BEL	323.0	ONC	Charleroi / Gosselies									12						
BEL	352.5	DD	Oostende			01											22	
BEL	355.0	ONW	Antwerpen / Deurne				20											
BEL	360.5	MAK	Mackel for Brussels Ntl	22	21					18				22	18	22		
BEL	386.5	SLV	Spa / La Sauveniere										23					
BIH	340.0	BLK	Banja Luka	21				23	21								22	
BIH	405.0	IL	Sarajevo / Ilidza									22						
BIH	425.0	DNC	Mostar			01							23	22	17			
BIH	445.0	TU	Tuzla		21		20									20		
BLR	511.0	G	Gomel			18	20		21				20					
BRI	316.0	BJO	Bjornoya / Bear Isl			23							23					
BUL	284.0	GNA	Gorna		17			23										
BUL	350.0	DWN	Devnya For Varna														22	
BUL	399.0	KMN	Burgas / Kamenar			18							23	22	17			

BUL	450.0	PDV	Plovdiv															
BUL	490.0	WAK	Vakarel	21			20		21	20		22			20			
CAN, NL	250.0	YMH	Mary"s Harbour						01				23		03			
CAN, NL	281.0	CA	Cartwright			01	01											
CAN, NU	256.0	YCY	Clyde River			02	02					02						
CNR	376.0	HIE	Valverde / El Hierro							02			01				23	
CNR	389.0	BX	La Palma			02			23					23				
COR	365.0	RB	Ajaccio / Campo del Oro									23	22					
COR	375.0	CV	Calvi / Ste Catherine			01			23					17	10	23		
CYP	435.0	GKE	Gecitkale / Gazimagosa International			01								23				
CZE	300.0	KD	Kbely / Praha East	19														
CZE	345.5	CF	Caslav / Chotusice / Centograf				20	23										
CZE	365.0	L	Karlovy Vary / Vrata														22	
CZE	416.0	KUN	Kunovice			01												
CZE	429.0	B	Brno / Turany / Borek												19			
CZE	432.0	PK	Pardubice / Prvek						21	21								
CZE	514.5	LA	Namest Nad Oslavou															
CZE	534.0	R	Ostrava / Mosnov / Rada								01	23	22	17				
CZE	888.0	P	Pardubice		20													
DEU	292.0	NKR	Neckar					23							20			
DEU	337.0	LHR	Lahr / Schwarzwald			01											22	
DEU	340.0	ZIG	Leipzig				19											
DEU	341.0	ALG	Memmingen / Allgau											17				
DEU	365.0	LJ	Koln / Bonn							18								
DEU	374.0	FS	Dresden									23						
DEU	378.0	WSN	Weser	01														
DEU	394.0	LYE	Lubeck / Blanckensee										22					
DEU	405.0	GRW	Grafenwohr						21									
DEU	406.5	BOT	Bottrop								20							
DEU	426.0	MIQ	Mike for Ingolstadt									22						
DEU	429.0	OBI	Oberpfaffenhofen		21													
DNK	321.0	VO	Vojens / Skrydstrup					23	21					23				
DNK	328.0	VJ	Stauning		22	01				20	21	23			23		22	
DNK	334.0	FAU	Bornholm / Ronne / Fauna				12											
DNK	384.0	TL	Aarhus	23									22					
ENG	277.0	CHT	Chiltern					23			20							
ENG	321.0	STM	Scilly Isles / St Mary										23		18			
ENG	332.5	CAM	Cambridge						21									
ENG	342.5	NWI	Norwich	01														
ENG	347.0	NQY	Newquay			01	01											
ENG	352.0	NT	Newcastle									22					22	
ENG	370.0	CUL	Culdrose RNAS															22
ENG	414.0	BRI	Bristol / Filton		23								22					
ENG	433.5	HEN	Henton							17								

ESP	328.0	HIG	San Sebastian				03									
ESP	332.0	EAL	Almagro			02			20							
ESP	335.0	TON	Torralba de Aragon					23								
ESP	356.0	SGO	Sagunto	02											22	
ESP	380.0	VNV	Vilanova i la Geltru		21			21								
ESP	389.0	ZRZ	Zaragoza													
ESP	395.0	B	Bilbao											22		
ESP	404.0	LRD	Lerida										17			
ESP	410.0	C	La Coruna												21	
ESP	421.0	GE	Madrid / Grinon						22	03		22				
ESP	433.0	JER	Jerez							23						
FIN	328.0	KIT	Kittila			00										
FIN	344.0	L	Kittila / Hukkakumpu								23					
FIN	346.0	MI	Mikkeli / Korpikoski				01		21						22	
FIN	352.0	PSJ	Seinajoki		22											
FRA	288.5	AVD	Avord					23								
FRA	317.0	VS	Valenciennes / Denain													
FRA	322.0	TLN	Hyerres / Le Palyvestre							22						
FRA	334.0	DX	Dax / Seyresse												22	
FRA	338.0	GU	Brest / Guipavas													22
FRA	347.0	CVT	Chalons / Vatry	02												
FRA	354.0	MTZ	Metz / Nancy-Lorraine				20									
FRA	359.0	LOR	Lorient / Lann Bihoue									22				
FRA	384.0	PMR	Pamiers / Les Pujols							23						
FRA	397.0	ZR	Beziers / Vias					21								
FRA	404.0	MRV	Merville / Calonne						17							
FRA	415.0	TOE	Toulouse / Blagnac			01										
FRA	428.0	MUS	Nice / Cote d"Azur										17	19		
FRA	430.0	SN	St Yan		20											
FRO	337.0	MY	Myggenaes			01	02	23	21	02		22	23			
GEO	353.0	BT	Ali			22										
GEO	520.0	DF	Mukhrani	02	22				23			23	21	20		
GRC	299.0	HIO	Khios			02								17		
GRC	353.0	PAK	Preveza / Aktion													
GSY	383.0	ALD	Alderney	01		01	02	23	21			12	23	21	22	21
HNG	295.0	DC	Debrecen						23	20						
HNG	326.0	C	Debrecen												22	
HNG	383.0	EN	Debrecen	22										22		
HNG	400.0	BC	Bekescsaba		21	01						23				
HNG	436.0	SME	Sarmellek / Balaton				23							17	21	
HOL	373.0	NW	Maastricht / Beek			01	00	23	21	21		22	23		19	23
HRV	265.0	KAV	Pula / Kavran		21			23								
HRV	330.0	ZRA	Zadar / Kakman												22	
HRV	351.5	PLA	Pula	20			20			21				17		

HRV	414.0	GR	Dubrovnik / Gruda			01				22	23	22			
HRV	418.0	DVN	Split / Drvenik												
HRV	424.0	PIS	Zagreb / Pleso / Pisarovina					20							
HRV	433.0	CRE	Cres				21								
IOM	359.0	RWY	Isle Of Man / Ronaldsway			01	02	23	23	20	19		01		22
IRL	316.0	OE	Dublin				02	23			22				22
IRL	334.0	GMN	Gormanston												
IRL	361.0	CFN	Donegal / Carrickfin							17					22
IRL	368.0	WTD	Waterford			01									
IRL	387.0	CML	Clonmel					21							
IRL	397.0	OP	Dublin	00								22		19	
IRN	260.0	RAF	Rafsanjan			23									
IRN	355.0	ARB	Ardabil	02										21	
IRN	450.0	PAD	Parsabade / Moghan					23							
ISL	330.0	HN	Hornafjordur												22
ISL	375.0	VM	Vestmannaeyar				22	23	23	02		22			
ISL	392.0	KF	Keflavik			01									
ITA	285.0	URB	Roma / Urbe (RM)			01		23				23	22	17	
ITA	345.0	TZO	Trezzo sull"Adda (MI)												22
ITA	371.0	RIV	Codroipo / Rivolto (UD)	21			23			20					
ITA	379.0	PIS	Pisa (PI)									22			10
ITA	400.5	COD	Codogno (LO)		21			21			21				
JOR	399.0	MDB	Amman / Queen Alia Intl / Madaba			00								23	
JSY	329.0	JW	Jersey			01		23	21	17		12	23		22
KAL	489.0	OI	Donskoye			03									
KAL	840.0	KR	Kaliningrad / Khrabovo	02	22		20		21			19	23	22	01
KAZ	660.0	KI	Tengiz			00									
LBY	310.0	VA	Amal V12											17	
LBY	390.0	OV	Nafoora M4												00
LBY	440.0	FEL	El Feel												
LBY	450.0	AOO	El Sharara ? (ROO)			21			23				23	22	
LTU	343.0	KUS	Kaunas / Karmelava	22		19		23						19	22
LTU	385.0	AVN	Vilnius				01					01	23	22	
LTU	407.0	PN	Palanga		21				21	21					22
MEL	292.0	MIA	Melilla						21	20			23	22	18
MKD	295.0	PT	Skopje	21		01							23		17
MKD	297.0	PEP	Prilep											22	21
MKD	432.0	IZD	Ohrid / Izdeglavlje		21		22	23	23	21					
MNE	302.0	NIK	Niksic											17	
MNE	308.0	MOJ	Mojkovac		21		01	23							
MNE	345.0	TAZ	Tivat	22		22									22
MNE	420.0	GO	Podgorica						23			00	23	22	
MRC	332.0	SBI	Rabat / Sale												22
MRC	345.0	CSD	Daouarat			03		23	19	20			23		20

NGR	293.0	ARL	Arlit			02			03					23		
NIR	328.5	EGT	Londonderry / Eglinton		01	01	02	23	01			03	23		01	22
NIR	420.0	HB	George Best Belfast City Airport							20	21					
NOR	258.5	HL	Svolvaer / Helle			21										
NOR	329.0	NMS	Namsos													22
NOR	345.0	STM	Strommen / Mo I Rana									23				
NOR	365.0	ODD	Harstad / Narvik / Evenes / Odden									23				
NOR	381.0	RG	Rygge / Tune	23												
NOR	393.0	TAT	Molde / Aro / Tautra		22			23								
NOR	396.0	YG	Rygge / Enge				00		21		21			21	23	
ORK	395.0	KW	Kirkwall / Orkney Isl.			01			01				23			
POL	262.0	NR	Inowroclaw							20						
POL	290.0	NO	Oksywie			18										
POL	345.0	NB	Malbork		21									22		
POL	385.0	NWT	Leczyca	21				23								23
POL	437.0	NP	Tomaszow-Mazowiecki / Porter				01					23				
POL	488.0	NPR	Tomaszow-Mazowiecki / Porter						21			01			20	
POL	520.0	NW	Leczyca												18	
POR	382.0	LAR	Arruda			01		23		20		01	23		18	23
POR	425.0	EVR	Evora						21							22
ROU	256.0	BSE	Baneasa Southeast										00			
ROU	266.0	M	Baia Mare					23								
ROU	267.5	OPW	Bucuresti / Otopeni		22											
ROU	349.0	OPE	Bucuresti / Otopeni			01										
ROU	351.0	ISI	Iasi													22
ROU	384.0	IAS	Iasi											21		
ROU	404.0	BMR	Baia Mare	20												
ROU	418.0	ORA	Oradea							20						
ROU	428.0	TGM	Targu Mures / Vidrasau				01					22			17	
ROU	517.0	ARD	Arad						21							
ROU	521.0	BSW	Bucuresti / Baneasa												20	
RSE	315.0	TM	Roschino / Tyumen			23										
RSE	367.0	K	Chelyabinsk / Balandino											22		
RUS	212.0	RG	Ufa			20										
RUS	315.0	CK	Kusshevskaya													23
RUS	350.0	UK	Yukhnov													
RUS	358.0	O	Stavropol / Shopakovskoye					23								
RUS	480.0	AN	Anapa / Vityazevo		22										19	
RUS	591.0	RN	Penza													
RUS	745.0	BG	Karmanovo						21							
RUS	876.0	WG	Volgograd / Gumrak									21				
RUS	963.0	KCH	Orenburg-2										22			
RUS	1290.0	TU	Bely				20				22					
SAR	316.0	CAL	Cagliari / Elmas		21	01		02	21	20			23	22	18	01

SCT	348.0	ATF	Aberdeen / Dyce	02					21								
SCT	355.0	PIK	Prestwick		00		23				01					22	22
SCT	394.0	DND	Dundee				23							23			
SCT	395.0	LAY	Islay			01			21								
SCT	431.0	SAY	Stornoway								23						
SCY	412.0	SIG	Sigonella (CT)		22	20			21	23		01	23	22	17	21	
SHE	351.0	SBH	Sumburgh Head			01	02	23	21			03	23			22	
SRB	300.0	PV	Novi Sad / Cenej / Petrovaradin				22										
SRB	337.0	VRN	Vranje					23					23	22			22
SRB	348.0	TPL	Topola						21								
SRB	355.0	OBR	Beograd / Obrenovac												17		
SRB	380.0	KN	Beograd / Krnjesevci													21	
SRB	405.0	JST	Nis / Justic			01					22						
SRB	416.0	POZ	Beograd / Pozarevac							20	21						
SRB	470.0	UZ	Uzice / Ponikve		22												
SRB	485.0	IA	Indija	21													
SUI	375.0	GLA	Gland for Geneva / Cointrain	22	20	01			23	21		23	23	22	17	21	23
SVK	330.0	OB	Bratislava / M.R Stefanik / South														22
SVK	391.0	OKR	Bratislava / M.R Stefanik / North	20		01		23		20		01	23	22	17		
SVK	425.0	KE	Kosice														
SVK	438.0	PE	Poprad / Tatry East				22		21							19	
SVK	571.0	P	Presov / Kapusany		20												
SVN	334.0	MR	Maribor	22	20			23	01					22			22
SVN	355.0	MI	Maribor												17		
SVN	359.0	RK	Cerklje			01											
SVN	463.0	CL	Cerklje				01			20		22	23			20	
SWE	312.0	DJ	Ostersund/Frosen					23									
SWE	320.0	OL	Lycksele						21				20				
SWE	324.0	ON	Norrkoping														22
SWE	329.0	VX	Vaxjo / Kronoberg	22													
SWE	349.0	JX	Vaxjo / Kronoberg														
SWE	360.0	OP	Kiruna			22											
SWE	363.0	OEM	Kristianstad / Everod		22												
SWE	398.0	PEO	Stockhlom / Skavsta / Peola								23			22			
SWE	409.0	SG	Satenas / Tune														
SWE	421.0	MF	Halmstad				12			23					19		
SYR	396.0	ALE	Aleppo												23		
TJK	475.0	JD	Fayzabad			22											
TKM	469.0	FK	Kerki			23											
TUR	363.0	CIG	Izmir / Cigli / Kaklic	00											17		
TUR	425.0	BUK	Ankara / Cubuk									23					
TUR	487.0	BEY	Beypazari						23					22			
UKR	401.0	D	Dzhankoi			22											
UKR	445.0	WS	Starokonstantinov						21	20					18		

UKR	445.0	ZU	Starokonstantinov		20													
UKR	535.0	RB	Gvardeyskoye															
UKR	561.0	JK	Lutsk			02												
UKR	580.0	KC	Kacha							01								
UKR	690.0	DM	Dmytrivka	02							23							
UZB	485.0	N	Urganch			21					23							
WLS	323.0	WPL	Welshpool					23			20							
WLS	340.0	HAW	Hawarden														22	
WLS	388.5	CDF	Cardiff	00	00	01			21	17		02	23	21	18			20
XOA	485.0	CHG	Chirag 1 / BP AGT			23												
XOE	340.0	HEI	Heidrun							02			23					
XOE	375.0	EKO	Ekofisk L															
XOE	414.0	STA	Stafjord A Platform		22													
XOE	433.0	VNS	Castor UGS			19		23				22		22	20	22		
XOE	434.0	JL	Skjold C Platform						21									
XOF	411.0	DP4	Bouri DP4/LCM Oil + Gas Libya			01			23				23	22	19			
Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm

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 nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm	Total
ALG	Algeria		1	1		1	1			1	1	1	1		1		7
ARS	Saudi Arabia			1									1				1
AUT	Austria	1	1	1	1	1	1	1	1	1	1	1	1	1	1		8
AZE	Azerbaijan			1			1						1				1
AZR	Azores			1			1	1			1		1		1		2
BAL	Balearic Islands	1	1	1	1	1	1			1	1	1	1	1	1		4
BEL	Belgium	1	1	1	1	1	1	1	1	1	1	1	1	1	1		6
BIH	Bosnia-Herzegovina	1	1	1	1	1	1			1	1	1	1	1	1		4
BLR	Belarus			1	1		1				1						1
BRI	Bear Island (Bjornoya)			1							1						1
BUL	Bulgaria	1	1	1	1	1	1	1		1	1	1	1	1	1		5
CAN	Canada, NL			1	1		1				1		1				2
CAN	Canada, NU			1	1						1						1
CNR	Canary Islands			1			1	1			1		1		1		2
COR	Corsica			1			1				1	1	1	1	1		2
CYP	Cyprus			1									1				1
CZE	Czechia	1	1	1	1	1	1	1		1	1	1	1	1	1		9
DEU	Germany	1	1	1	1	1	1	1	1	1	1	1	1	1	1		12
DNK	Denmark	1	1	1	1	1	1	1	1	1	1	1	1		1		4

[illegible]

SYR	Syria											1				1	
TJK	Tajikistan			1												1	
TKM	Turkmenistan			1												1	
TUR	Turkey	1				1				1		1	1			3	
UKR	Ukraine	1	1	1	1	1	1		1	1	1	1	1			7	
UZB	Uzbekistan			1						1						1	
WLS	Wales	1	1	1		1	1	1	1	1	1	1	1		1	1	3
XOA	Int Waters: Asia			1													1
XOE	Int Waters: Europe		1	1	1	1	1	1		1	1	1	1	1	1		5
XOF	Int Waters: Africa			1			1				1	1	1				1
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm	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 nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm
00:00 - 00:59	3	3	4	2					1	1				1	
01:00 - 01:59	3	1	36	8		5			8	1		3		3	
02:00 - 02:59	9		5	8	1		4		1	1					
03:00 - 03:59			2	1		1			3			1			
04:00 - 04:59															
05:00 - 05:59															
06:00 - 06:59															
07:00 - 07:59															
08:00 - 08:59															
09:00 - 09:59															
10:00 - 10:59													3		
11:00 - 11:59															
12:00 - 12:59				2					3						
13:00 - 13:59															
14:00 - 14:59															
15:00 - 15:59															
16:00 - 16:59															
17:00 - 17:59		1					5					22			
18:00 - 18:59			3				3					9			
19:00 - 19:59	1		2	2		1		1	1			8	3		
20:00 - 20:59	4	8	2	9			19	4		2		2	6		2
21:00 - 21:59	6	12	4			40	6	7	1	1	6	2	7		2
22:00 - 22:59	7	11	7	4				5	18	1	35	3	4	33	5
23:00 - 23:59	2	1	5	5	39	13	2	1	4	52		9	1	7	
UTC (hh)	CZE	CZE	DEU	DEU	ENG	ENG	ENG	ENG	HOL	HOL	ITA	ITA	ITA	SCT	SCT

1	373.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	374.0	1								1							2
4	375.0	1	1	2	2	1	3	2	2	1	1	1	2	2	2		4
1	376.0							1		1					1		1
1	378.0	1															1
1	379.0								1					1			1
3	380.0			1			2	1					1	1			3
1	381.0	1															1
1	382.0			1		1		1	1	1			1		1	1	1
2	383.0	2		1	1	1	1		1	1	2	1			1		2
4	384.0	1			1	1				1	2						4
2	385.0	1			1	1			1	1	1			2			2
1	386.5									1							1
1	387.0						1										1
1	388.5	1	1	1			1	1	1	1	1	1	1		1		1
2	389.0		1	1			1					1					2
1	390.0													1			1
1	391.0	1				1		1					1				1
1	392.0			1													1
1	393.0		1			1											1
4	394.0		1	2		1	1		1	1	2	3					4
3	395.0			2			1	1		1				1			3
2	396.0				1		1		1		1	2					2
2	397.0	1					1			1		1					2
1	398.0								1								1
2	399.0			2							1	2					2
1	400.0		1	1						1							1
1	400.5		1				1		1								1
2	401.0			1										1			2
3	404.0	1						1				1					3
3	405.0			1			1		2								3
1	406.5																1
1	407.0		1				1	1									1
1	409.0																1
2	410.0		1													1	2
1	411.0			1			1			1	1	1	1				1
1	412.0		1	1			1	1	1	1	1	1	1	1			1
3	414.0		2	1						1	2						3
2	415.0			1			1										2
2	416.0			1				1	1								2
3	418.0							1				1					3
2	420.0					1	1	1	1	1	1						2
2	421.0				1			1	1		1	1	1				2
2	424.0							1	1			1					2

4	425.0			2		1		1	3	2	1		4
2	426.0			1		1		2	1				2
2	428.0							1			2		2
2	429.0	1											2
1	430.0	1											1
1	431.0								1				1
3	432.0		1	1	1	1	2		1				3
3	433.0			1		1		1	1	1	1	1	3
1	433.5						1						1
1	434.0					1							1
1	435.0			1							1		1
1	436.0										1	1	1
1	437.0								1				1
1	438.0					1						1	1
1	440.0									1			1
3	445.0		2			1	1				1	1	3
3	450.0			1		2		1	1			1	3
1	463.0						1	1	1			1	1
1	469.0			1									1
1	470.0		1										1
1	475.0			1									1
1	480.0		1								1		1
3	485.0	1		2					1				3
1	487.0					1				1			1
1	488.0					1		1				1	1
1	489.0			1									1
2	490.0	1			1	1	1			1			2
1	493.0			1		1					1		1
1	510.0		1										1
1	511.0			1	1	1			1				1
1	514.5					1							1
1	517.0					1							1
2	520.0	1	1			1			1	1	2		2
1	521.0											1	1
1	534.0							1	1	1	1		1
1	535.0									1			1
1	561.0							1					1
1	571.0		1										1
1	580.0								1				1
1	591.0									1			1
1	660.0			1									1
1	690.0	1											1
1	745.0					1							1
1	840.0	1	1			1		1	1	1	1		1

1	876.0									1							1
1	888.0		1														1
1	963.0										1						1
1	1290.0			1				1									1
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG pnd	ENG px	HOL prk	HOL rb	ITA ado	ITA mmi	ITA wb	SCT ds	SCT mhm	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
297.0	PEP	Prilep		MKD	ado	2205
358.0	TUN	Tulln for Schwechat		AUT	ado	2201
359.0	LOR	Lorient / Lann Bihoue		FRA	ado	2204
367.0	K	Chelyabinsk / Balandino		RSE	ado	2206
384.0	IAS	Iasi		ROU	ado	2144
394.0	LYE	Lubeck / Blanckensee		DEU	ado	2203
440.0	FEL	El Feel		LBY	ado	2205
490.0	TFR	Tafaroui		ALG	ado	2201
535.0	RB	Gvardeyskoye		UKR	ado	2144
591.0	RN	Penza		RUS	ado	2206
315.0	CK	Kusshevskaya		RUS	ds	2304
320.0	BBS	Beni Abbes		ALG	ds	0124
326.0	C	Debrecen		HNG	ds	2242
329.0	NMS	Namsos		NOR	ds	2222
329.0	VX	Vaxjo / Kronoberg		SWE	ds	2222
330.0	HN	Hornafjordur		ISL	ds	2222
330.0	OB	Bratislava / M.R Stefanik / South		SVK	ds	2222
330.0	ZRA	Zadar / Kakman		HRV	ds	2222
332.0	SBI	Rabat / Sale		MRC	ds	2222
334.0	DX	Dax / Seyresse		FRA	ds	2222
340.0	HAW	Hawarden		WLS	ds	2238
350.0	DWN	Devnya For Varna		BUL	ds	2232
351.0	ISI	Iasi		ROU	ds	2232
365.0	L	Karlovy Vary / Vrata		CZE	ds	2252
390.0	OV	Nafoora M4		LBY	ds	0015
401.0	PTC	Porto Colom for Palma De Mallorca		BAL	ds	0113
212.0	RG	Ufa		RUS	hw	2010
258.5	HL	Svolvaer / Helle		NOR	hw	2130
260.0	RAF	Rafsanjan		IRN	hw	2345
290.0	NO	Oksywie		POL	hw	1830
299.0	HIO	Khios		GRC	hw	0215

315.0	TM	Roschino / Tyumen	RSE	hw	2315
328.0	KIT	Kittila	FIN	hw	0030
347.0	NQY	Newquay	ENG	hw	0129
349.0	OPE	Bucuresti / Otopeni	ROU	hw	0152
353.0	BT	Ali	GEO	hw	2200
359.0	RK	Cerklje	SVN	hw	0152
360.0	OP	Kiruna	SWE	hw	2230
392.0	KF	Keflavik	ISL	hw	0130
401.0	D	Dzhankoi	UKR	hw	2245
415.0	TOE	Toulouse / Blagnac	FRA	hw	0152
416.0	KUN	Kunovice	CZE	hw	0152
469.0	FK	Kerki	TKM	hw	2330
475.0	JD	Fayzabad	TJK	hw	2230
485.0	CHG	Chirag 1 / BP AGT	XOA	hw	2355
489.0	OI	Donskoye	KAL	hw	0315
660.0	KI	Tengiz	KAZ	hw	0030
300.0	PV	Novi Sad / Cenej / Petrovaradin	SRB	je	2223
328.0	HIG	San Sebastian	ESP	je	0324
340.0	ZIG	Leipzig	DEU	je	1922
354.0	MTZ	Metz / Nancy-Lorraine	FRA	je	2013
355.0	ONW	Antwerpen / Deurne	BEL	je	2007
375.0	EKO	Ekofisk L	XOE	je	2300
266.0	M	Baia Mare	ROU	jms	2300
288.5	AVD	Avord	FRA	jms	2300
312.0	DJ	Ostersund/Froson	SWE	jms	2300
335.0	TON	Torralba de Aragon	ESP	jms	2300
353.0	BNA	Beni Amrane	ALG	jms	2300
358.0	O	Stavropol / Shopakovskoye	RUS	jms	2300
338.0	GU	Brest / Guipavas	FRA	mhm	2230
370.0	CUL	Culdrose RNAS	ENG	mhm	2242
410.0	C	La Coruna	ESP	mhm	2120
302.0	NIK	Niksic	MNE	mmi	1755
310.0	VA	Amal V12	LBY	mmi	1755
341.0	ALG	Memmingen / Allgau	DEU	mmi	1755
353.0	PAK	Preveza / Aktion	GRC	mmi	1755
355.0	MI	Maribor	SVN	mmi	1755
355.0	OBR	Beograd / Obrenovac	SRB	mmi	1755
396.0	ALE	Aleppo	SYR	mmi	2355
404.0	LRD	Lerida	ESP	mmi	1755
418.0	ZW	Zeltweg	AUT	mmi	1755
520.0	NW	Leczyca	POL	mmi	1855
300.0	KD	Kbely / Praha East	CZE	my	1920
347.0	CVT	Chalons / Vatry	FRA	my	0230
349.0	JX	Vaxjo / Kronoberg	SWE	my	2212

350.0	UK	Yukhnov		RUS	my	0229
374.0	KFT	Klagenfurt		AUT	my	2025
378.0	WSN	Weser		DEU	my	0132
381.0	RG	Rygge / Tune		NOR	my	2322
404.0	BMR	Baia Mare		ROU	my	2048
485.0	IA	Indija		SRB	my	2117
690.0	DM	Dmytrivka		UKR	my	0210
250.0	YMH	Mary"s Harbour	NL	CAN	nw	0130
324.0	ON	Norrkoping		SWE	nw	2130
332.5	CAM	Cambridge		ENG	nw	2130
348.0	TPL	Topola		SRB	nw	2130
380.0	VNV	Vilanova i la Geltru		ESP	nw	2130
387.0	CML	Clonmel		IRL	nw	2130
397.0	ZR	Beziers / Vias		FRA	nw	2130
405.0	GRW	Grafenwohr		DEU	nw	2130
415.0	ON	Oran / Es Senia		ALG	nw	2130
425.0	EVR	Evora		POR	nw	2130
433.0	CRE	Cres		HRV	nw	2130
434.0	JL	Skjold C Platform		XOE	nw	2130
450.0	PAD	Parsabade / Moghan		IRN	nw	2330
514.5	LA	Namest Nad Oslavou		CZE	nw	2130
517.0	ARD	Arad		ROU	nw	2130
745.0	BG	Karmanovo		RUS	nw	2130
262.0	NR	Inowroclaw		POL	pnd	2050
327.0	LNZ	Linz / Horsching		AUT	pnd	1825
365.0	LJ	Koln / Bonn		DEU	pnd	1825
404.0	MRV	Merville / Calonne		FRA	pnd	1705
418.0	ORA	Oradea		ROU	pnd	2000
424.0	PIS	Zagreb / Pleso / Pisarovina		HRV	pnd	2000
432.0	PK	Pardubice / Prvek		CZE	pnd	2100
433.5	HEN	Henton		ENG	pnd	1705
322.0	TLN	Hyerres / Le Palyvestre		FRA	prk	2200
323.0	ONC	Charleroi / Gosselies		BEL	prk	1210
345.0	STM	Strommen / Mo I Rana		NOR	prk	2315
405.0	IL	Sarajevo / Ilidza		BIH	prk	2200
418.0	DVN	Split / Drvenik		HRV	prk	2200
426.0	MIQ	Mike for Ingolstadt		DEU	prk	2200
876.0	WG	Volgograd / Gumrak		RUS	prk	2100
317.0	VS	Valenciennes / Denain		FRA	px	2300
406.5	BOT	Bottrop		DEU	px	2034
409.0	SG	Satenas / Tune		SWE	px	2107
256.0	BSE	Baneasa Southeast		ROU	rb	0000
320.0	OL	Lycksele		SWE	rb	2007
344.0	L	Kittila / Hukkakumpu		FIN	rb	2307

361.0	CFN	Donegal / Carrickfin	IRL	rb	2358
365.0	ODD	Harstad / Narvik / Evenes / Odden	NOR	rb	2307
374.0	FS	Dresden	DEU	rb	2358
384.0	PMR	Pamiers / Les Pujols	FRA	rb	2358
386.5	SLV	Spa / La Sauveniere	BEL	rb	2358
425.0	BUK	Ankara / Cubuk	TUR	rb	2358
431.0	SAY	Stornoway	SCT	rb	2358
433.0	JER	Jerez	ESP	rb	2358
580.0	KC	Kacha	UKR	rb	2307
963.0	KCH	Orenburg-2	RUS	rb	2207
320.0	RUM	Innsbruck / Rum	AUT	wb	2117
380.0	KN	Beograd / Krnjesevci	SRB	wb	2151
395.0	B	Bilbao	ESP	wb	2208
429.0	B	Brno / Turany / Borek	CZE	wb	1947
521.0	BSW	Bucuresti / Baneasa	ROU	wb	2053
267.5	OPW	Bucuresti / Otopeni	ROU	ze	2205
352.0	PSJ	Seinajoki	FIN	ze	2249
363.0	OEM	Kristianstad / Everod	SWE	ze	2231
389.0	ZRZ	Zaragoza	ESP	ze	2135
410.0	SI	Salzburg	AUT	ze	2014
414.0	STA	Stafjord A Platform	XOE	ze	2236
429.0	OBI	Oberpfaffenhofen	DEU	ze	2112
430.0	SN	St Yan	FRA	ze	2008
445.0	ZU	Starokonstantinov	UKR	ze	2025
470.0	UZ	Uzice / Ponikve	SRB	ze	2244
510.0	BL	Blida	ALG	ze	0042
571.0	P	Presov / Kapusany	SVK	ze	2030
888.0	P	Pardubice	CZE	ze	2041

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

THEN

NOW

CLE261 190-1740 kHz 23.10.2020 - 26.10.2020

CLE303 190-1740 kHz 26.04.2024 - 29.04.2024

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE my	1223	990	59	35	48	35	3687	3022
CZE ze	1376	1011	72	37	52	37	3791	2521
DEU hw	2944	1929	256	135	87	70	10192	4690
DEU je	1353	1154	24	47	18	41	4316	4257

ENG nw	2264	1540	168	92	74	60	9787	3816
ENG px	1847	865	78	16	42	18	6728	2213
HOL rb	2218	1647	160	97	72	59	7289	4391
SCT ds	1735	1614	94	71	54	44	6536	3640
Averages:	1870	1344	114	66	56	46	6541	3569
% Increase:		-28		-42		-19		-45

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
ENG jms		1172		47		40		3125
ENG pnd		1341		52		39		2781
HOL prk		1167		47		40		2790
ITA ado		1206		49		41		3615
ITA mmi		1455		86		59		4728
ITA wb		757		18		24		1572
SCT mhm		615		6		9		1916
Averages:		1102		44		36		2932
% 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.
Another reason for differences is the use of software which can analyze audio or IQ data
allowing us to "see" the NDB idents as opposed to hearing them!

CLE303_Results_REU.xls / NH Ver. 1.0.62
je/bk - 01.05.2024