

For overall statistics, please see the covering email.

CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, via Kiwi-SDR at 'Slatina, West Bohemia', CZE (rCZesl / JN69gw)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	jms	John Mills, Chelmsford, Essex
ENG	mhm	Mark Hattam, St Just in Penwith
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	ro	Raimo Karjalainen, Laukaa, near Jyväskylä
HOL	prk	Peter Reuderink, Woerden
HOL	rb	Roelof Bakker, Middelburg, Zeeland
IRL	cu	Cormac Gebruers, Cobh, Co. Cork
ITA	ado	Andrea Dalbagno, Gazzadina
ITA	wb	William G Buchanan, Alessandria
SDS	dt	David Atkins, Tighnabruich, 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)

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 bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCOT ds
ALG	304.0	MDK	Bordj Mokhtar			04					23								
ALG	331.0	HRM	Hassi R.Mel / Tilrempt / Oued Irarra			21													
ALG	353.0	BNA	Beni Amrane			19													
ALG	407.0	BCR	Bechar		22	23								23	00				
ALG	415.0	ON	Oran / Es Senia						00		23			19	20				02
ALG	416.0	MAR	Algiers / Houari Boumedienne			00													
ALG	423.0	BJA	Bejaia / Soummam			18	03							18			23		
ALG	424.0	GRS	Ghriss			18								18	00				
ALG	432.0	HMB	Hammam Bou Hadjar for Oran			02					23			23	20		23		
ALG	435.0	IGZ	In Guezzam			21					03				20				
ALG	510.0	BL	Blida	03	21	22	00							23			23		
ARS	394.0	RAS	Ras Al-Mishab Airport			23													
AUT	320.0	RUM	Innsbruck / Rum															20	
AUT	358.0	TUN	Tulln for Schwechat				19												
AUT	420.0	INN	Innsbruck						00										
AUT	426.0	GBG	Gleichenberg for Graz				19									23			
AZE	493.0	NO	Nakhchivan								23				22				
AZR	331.0	SC	Santa Cruz Das Flores			21					03								
AZR	380.0	FIL	Horta / Faial Island			02					23			03	05	01			01
AZR	420.0	PI	Madalena / Pico Island																02
BAL	344.0	MN	Menorca	21	22		22		00		23								
BAL	351.0	CST	Costix for Palma De Mallorca		22														
BAL	384.0	ADX	Andraitx for Palma de Mallorca		22		01				23			02			22		
BAL	394.0	IZA	Ibiza	19			01				23			01	05	01	23		
BEL	352.5	DD	Oostende			23						15		17					
BEL	355.0	ONW	Antwerpen / Deurne						00			15		17	20				
BEL	360.5	MAK	Mackel for Brussels Ntl			23					12			17					
BIH	340.0	BLK	Banja Luka	20										18				20	
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca		21										20				
BIH	397.0	LU	Banja Luka		20			21											
BIH	445.0	TU	Tuzla																
BLR	920.0	G	Grodno / Obukhovo						00					20	20		23		
BRI	316.0	BJO	Bjornoya / Bear Isl			20									00				
BUL	284.0	GNA	Gorna	18			20	21			23						22		
BUL	350.0	DWN	Devnya For Varna				21		00									21	
BUL	399.0	KMN	Burgas / Kamenar		21									22			23		
BUL	450.0	PDV	Plovdiv		20												23		
BUL	490.0	WAK	Vakarel				20										23		
CAN, NL	250.0	YMH	Mary's Harbour				05												
CAN, NL	281.0	CA	Cartwright			23	05				23				05				
CAN, NU	237.0	YJI	Broughton / Qikiqtarjuaq												20				
CNR	365.0	VR	Gran Canaria / Las Palmas			18			00	05	23				00				01
CNR	376.0	HIE	Valverde / El Hierro								23				00				
CNR	389.0	BX	La Palma			04					23				00				01
COR	365.0	RB	Ajaccio / Campo del Oro		22				00										
COR	375.0	CV	Calvi / Ste Catherine											20	20			10	
CYP	435.0	GKE	Gecitkale / Gazimagosa International			23													
CZE	345.5	CF	Caslav / Chotusice / Centograf	20			19												
CZE	372.0	L	Prague / Ruzyně / Liboc														22		
CZE	434.0	KNE	Kunovice		22														
CZE	715.0	C	Caslav																
CZE	888.0	P	Pardubice											20	20		23		
DEU	292.0	NKR	Neckar				19												
DEU	311.0	LMA	Lima / Bruggen								12	14							00
DEU	318.0	HIG	Bremen																00
DEU	320.0	HA	Hannover / East																
DEU	338.0	MNW	Munchen															20	
DEU	340.0	ZIG	Leipzig														22		
DEU	352.0	LAA	Niederrhein																
DEU	357.0	SKZ	Leipzig / Halle				15							17					
DEU	358.0	HW	Hannover / West				15												
DEU	365.0	IJ	Koln / Bonn															20	

DEU	371.0	MYN	Munster / Osnabruck				14				12							
DEU	378.0	WSN	Weser									15						
DEU	394.0	LYE	Lubeck / Blankensee		21		15											
DEU	406.5	BOT	Bottrop															
DEU	417.0	LI	Dusseldorf						00									
DNK	321.0	VO	Vojens / Skrydstrup								12							
DNK	328.0	VJ	Stauning								12							
DNK	334.0	FAU	Bornholm / Ronne / Fauna										20					
DNK	357.0	KD	Kolding / Vamdrup				15						18					
EGY	340.0	OCT	October				23											
ENG	277.0	CHT	Chiltern	02				00				13						
ENG	316.0	EPM	Epsom for Heathrow						12	00								
ENG	318.0	BPL	Blackpool						11	00								
ENG	321.0	STM	Scilly Isles / St Mary	02							05				01		00	
ENG	323.0	SBL	Sherburn-In-Elmet							22								
ENG	332.5	CAM	Cambridge				23										00	
ENG	337.0	EX	Exeter	02								12	13					
ENG	337.0	WTN	Warton									12						
ENG	339.0	BIA	Bournemouth	02									13					
ENG	342.5	NWI	Norwich				23					12						
ENG	343.0	YVL	Yeovil / Westland						11				13					
ENG	347.0	NQY	Newquay	22							05			02		13		
ENG	347.5	TD	Teeside									12						
ENG	352.0	NT	Newcastle		23		01					12			00			12
ENG	352.0	WOD	Woodley				01											
ENG	353.5	EME	East Midlands				01					12	13					
ENG	362.5	SND	Southend-On-Sea				23			00		12						
ENG	365.0	KIM	Kirmington						00	00								
ENG	367.5	OX	Oxford / Kidlington				01			00		12						
ENG	370.0	CUL	Culdrose RNAS						21		05							
ENG	385.0	WL	Barrow / Walney Isl														12	
ENG	386.0	BZ	Brize Norton	02														
ENG	391.5	EAS	Southampton / Eastleigh						11									
ENG	414.0	BRI	Bristol / Filton				01			00					23			
ENG	433.5	HEN	Henton				00								23			
ENG	850.0	CIT	Cranfield						12									
ESP	308.0	VT	Vitoria							00								
ESP	310.0	AMN	Almeria				01											
ESP	319.0	ECV	Colmenar Viejo				21			00								
ESP	325.0	AST	Asturias					05	20	00			20					
ESP	327.0	EEC	Sevilla / El Copero														00	
ESP	328.0	HIG	San Sebastian	20														
ESP	332.0	EAL	Almagro							00							00	
ESP	335.0	TON	Torralba de Aragon	21	21			05		00		23	19			22	00	
ESP	345.0	VTA	Vitoria							00							00	
ESP	356.0	SGO	Sagunto											19		22		
ESP	362.0	EBT	Betera / Valencia											20				
ESP	380.0	VNV	Vilanova i la Geltru				23								01	22		
ESP	387.0	AV	Asturias / Aviles				20		20							22		
ESP	389.0	ZRZ	Zaragoza		23		20	01			05	23		19		01		
ESP	390.0	SO	Santiago de Compostela									23						
ESP	395.0	B	Bilbao				23	04	20									
ESP	401.0	COA	La Coruna				22		21					19	05			
ESP	404.0	LRD	Lerida	22			23		21							23	23	
ESP	410.0	C	La Coruna				20		20				19	19	05			
ESP	412.0	GRA	Granada				01			00								
ESP	416.0	SA	Santander							00								
ESP	417.0	CVT	Madrid / Cuatro Vientos				23		21					18	05			
ESP	420.0	SPP	Sevilla / San Pablo									01						
ESP	421.0	GE	Madrid / Grinon				20	01	20						05	23	23	
ESP	433.0	JER	Jerez				02				05	23			20			02
ESP	433.0	VON	Vigo	03					20		05							02
FIN	328.0	KIT	Kittila				21			00				15		20		
FIN	336.0	M	Mikkeli															
FIN	344.0	L	Kittila / Hukkakumpu				20								20			
FIN	346.0	MI	Mikkeli / Korpikoski	22				19		00		23		15		20		00
FIN	374.0	S	Mikkeli									23		15				
FRA	286.5	TA	Villacoublay / Velizy						12			12						
FRA	288.5	AVD	Avord										19					
FRA	309.0	DO	Dole / Tavaux									12						
FRA	320.0	TY	Troyes / Barberey						20								00	
FRA	321.0	ABY	Albert / Bray	19					12			12	19				00	
FRA	321.0	TL	Tarbes / Ossun / Lourdes				23											
FRA	322.0	RL	La Rochelle / Ile De Re														00	
FRA	322.0	TLN	Hyerres / Le Palyvestre	19														
FRA	327.0	MVC	Merville / Calonne				23						14				00	
FRA	332.0	TLF	Toulouse / Francal				23											
FRA	334.0	DX	Dax / Seyresse	20									18					
FRA	338.0	GU	Brest / Guipavas								05	12	15		05			
FRA	339.0	FG	Montpellier / Mediterranee													22		
FRA	347.0	CVT	Chalons / Vatry									12						
FRA	350.0	MUT	Muret / Lherm				23								00			
FRA	351.0	BSC	Brive / Souillac		20													
FRA	351.0	OSA	Ouessant					03			05	12	20		17	05	01	
FRA	354.0	MTZ	Metz / Nancy-Lorraine									12						01
FRA	356.0	CVU	Castres / Mazamet														20	
FRA	358.0	RNN	Roanne / Renaison	21														
FRA	359.0	LOR	Lorient / Lann Bihoue				05			00	05	12			17	05		
FRA	364.0	PU	Pau / Pyrenees														20	
FRA	367.0	VAT	Chalon / Vatry									12	21					01
FRA	368.0	TLB	Toulouse / Blagnac	21									21					
FRA	391.0	BV	Beauvais / Tille									12						01
FRA	394.0	NV	Nevers / Fourchambault										22			23		
FRA	395.0	OB	Marseille / Provence		21													
FRA	397.0	BLB	Blois / Le Breuil															02
FRA	397.0	PO	Pau / Pyrenees												05		21	
FRA	397.0	ZR	Beziers / Vias													23		
FRA	398.0	MT	St Nazaire / Montoir													23		02
FRA	403.0	VZ	Vichy / Charmeil															
FRA	404.0	AGO	Angouleme / Brie Champniers										22					
FRA	404.0	MRV	Merville / Calonne				23						14					

[illegible]

NOR	283.0	KBV	Kobbeveg For Tromso / Langnes			23												
NOR	303.0	KPG	Sogndal / Haukasen / Kaupanger			20		23	00		23							
NOR	324.0	HE	Notodden / Heddal															00
NOR	335.0	LR	Mosjoen / Laksfors			23												
NOR	336.0	RS	Roros						00		23							
NOR	338.0	RST	Rost			20												
NOR	345.0	STM	Strommen / Mo I Rana			16					23				23	20		
NOR	348.0	SAD	Leknes / Sandsund			16	20	23							23	20		
NOR	362.0	BVK	Orsta-Volda / Hovden / Baatvik		21		19	21	00									
NOR	365.0	ODD	Harstad / Narvik / Evenes / Odden						00							20		
NOR	368.0	GR	Mo I Rana / Rossvold / Gruben			20												
NOR	369.0	STG	Stegen															01
NOR	374.0	BL	Forde / Bringeland															01
NOR	378.0	HTK	Sorkjosen / Hestvik			21												
NOR	381.0	RG	Rygge / Tune													20		
NOR	386.0	HK	Hasvik			20												
NOR	389.0	HN	Orsta-Volda / Hovden	04	22													01
NOR	393.0	TAT	Molde / Aro / Tautra		21		20	21										01
NOR	396.0	FS	Harstad / Narvik / Evenes / Fjellstad													23		
NOR	396.0	YG	Rygge / Enge	22				21										
NOR	401.0	RBU	Roros / Rambu		21							18						02
NOR	404.0	VNG	Vangsnes		21													02
NOR	414.0	SJA	Bardufoss / Senja													23		
ORK	395.0	KW	Kirkwall / Orkney Isl.										22	00				
POL	297.0	NA	Mirowslawiec														22	
POL	385.0	NWT	Leczyca												01			
POL	437.0	NP	Tomaszow-Mazowiecki / Porter										18					
POL	488.0	NPR	Tomaszow-Mazowiecki / Porter				19	21										
POL	520.0	NW	Leczyca									18					23	
POR	382.0	LAR	Arruda			23	00	22			23					20	20	
POR	425.0	EVR	Evora					22			23					20		02
PTR, PR	391.0	DDP	San Juan / Dorado / Luiz Munoz Marin Intl								01					23		
ROU	266.0	M	Baia Mare						00		23							
ROU	267.5	OPW	Bucuresti / Otopeni	18					00		23							
ROU	318.0	OTR	Bucuresti / Otopeni	19							23							
ROU	349.0	OPE	Bucuresti / Otopeni	21	20											21		
ROU	351.0	ISI	Iasi		20				00								22	
ROU	360.0	O	Oradea						00									
ROU	404.0	BMR	Baia Mare															02
ROU	418.0	ORA	Oradea				20											02
ROU	426.0	BC	Bacau									18					23	02
ROU	428.0	TGM	Targu Mures / Vidrasau															02
ROU	517.0	ARD	Arad				19											
ROU	520.0	B	Bacau													20		
ROU	521.0	BSW	Bucuresti / Baneasa									18					23	
RSE	290.0	XZ	Tyumen / Roshchino			22												
RSE	315.0	TM	Roschino / Tyumen			21					23							
RSE	412.0	KS	Balandino			21												
RSE	452.0	LB	Balandino			21												
RSE	670.0	MZ	Chelyabinsk / Shagol			23					23					00		
RSE	700.0	L	Igrim			03												
RSE	707.0	BD	Khanty-Mansiysk			16												
RSE	707.0	ZJ	Khanty-Mansiysk			19												
RSE	752.0	BB	Beryozovo						00							20	00	
RSE	780.0	PM	Uray			04												
RSE	780.0	WI	Uray			04												
RSE	785.0	IU	Beloyarsk			02												
RSE	816.0	EB	Matveyevskiy			21												
RSE	860.0	RO	Tolmachevo / Novosibirsk			16												
RSE	915.0	J	Nizhnevartovsk			23												
RSE	915.0	N	Nizhnevartovsk			17												
RSE	950.0	RM	Omsk / Tsentralny			01												
RSE	950.0	TK	Omsk / Tsentralny			16										19		
RSE	1065.0	R	Severo-Yeniseysky			17												
RSE	1130.0	YS	Kalachinsk			16										23		
RUS	212.0	RG	Ufa			16												
RUS	277.0	PO	Pulkovo						00		23							
RUS	288.0	DG	Maykop / Khanskaya			21												
RUS	289.0	WR	Chertovitskoye / Voronezh			21					23							
RUS	300.0	AR	Ryazan / Dyagilevo			23												
RUS	300.0	NP	Pskov													15		
RUS	307.0	LA	Lazarevskoye			21												
RUS	320.0	DM	Moscow / Domodedovo								23							
RUS	330.0	PM	Pechora			22												
RUS	334.0	K	Arkhangelsk / Talagi			20												
RUS	335.0	FV	Venev			16												
RUS	340.0	XO	Petrozavodsk / Besovets			04												
RUS	342.0	PK	St.Petersburg															
RUS	348.0	SW	Borisoglebsk															
RUS	350.0	UK	Yukhnov															
RUS	358.0	O	Stavropol / Shopakovskoye						00									
RUS	360.0	BD	Bogdanovo		20						23					15	00	
RUS	360.0	TS	Zadonsk													17		
RUS	365.0	AD	Sochi			20												
RUS	370.0	NK	Nizhnekamsk / Begishevo															
RUS	370.0	RT	Moscow / Ramenskoe			19												
RUS	375.0	BW	Balakovo								23							
RUS	375.0	DB	Pochinok			19										15	00	
RUS	380.0	BW	Moscow / Sheremetyevo													15		01
RUS	387.0	MA	Levashovo								03					15		
RUS	390.0	NF	Severomorsk-1			21												
RUS	405.0	UM	Ivanovskoye													00		
RUS	408.0	UL	Ulyanovsk / Vostochny															
RUS	410.0	SF	Cherusti								23					15		
RUS	414.0	SB	Sambek															02
RUS	430.0	AJ	Staritza															02
RUS	430.0	MB	Chemukha				21									00		
RUS	445.0	KM	Kem				21				01					16		
RUS	455.0	AZ	Lipetsk-2	22	20	16												
RUS	455.0	KZ	Kizliar			19										22		
RUS	468.0	MD	Myneralnye Vody								23							

RUS	470.0	QL	Taganrog	22								21				
RUS	475.0	K	Orenburg-2			19										
RUS	475.0	PT	Petrovskoye		20	22			23		16	00				
RUS	478.0	MF	Larionovo	21	20	16						23				
RUS	479.0	GR	Saratov / Gagarin	22												
RUS	480.0	AN	Anapa / Vityazevo		20											
RUS	480.0	AP	Anapa / Vityazevo			03										
RUS	480.0	RF	Magnitogorsk			22										
RUS	485.0	CW	Krasnaya Gorbatka		20	22			23		16					
RUS	486.0	KL	Krasnyy Sulin						23			21				
RUS	493.0	RW	Maryino		20											
RUS	506.0	GS	Engels-2						23			00				
RUS	507.0	ND	Bolshevik						17							
RUS	510.0	CR	Cheboksary	23												
RUS	514.0	IF	Astrakhan / Privolzhsky			18			23			20				
RUS	515.0	U	Vologda			18										
RUS	515.0	XS	Rostov Na Donu	23								00				
RUS	525.0	RM	Mozdok			18										
RUS	592.0	AG	Morozovsk						23							
RUS	610.0	IO	Joshkar-Ola									00			23	
RUS	618.0	NK	Akhtubinsk									20				
RUS	618.0	TB	Akhtubinsk									02	20			
RUS	635.0	LV	Izhevsk			20										
RUS	635.0	PF	Murmansk / Murmashi South				21									
RUS	672.0	M	Bugulma									23				
RUS	676.0	BO	Nizhny Novgorod / Strigino									20				
RUS	680.0	RK	Naryan Mar			19					17					
RUS	694.0	AL	Algasovo								16					
RUS	705.0	PX	Perm / Bolshoye Savino				22					22	00			
RUS	718.0	NF	Nalchik			19			00							
RUS	732.0	AO	Aksinyino						00			20	20			
RUS	737.0	GSh	Arktichesky			19					22					
RUS	745.0	BG	Karmanovo						00		20					
RUS	749.0	Y	Usinsk			03										
RUS	770.0	B	Moscow / Sheremetyevo									21				
RUS	777.0	ST	Sirovinskaya									20				
RUS	785.0	M	Levashovo								17					
RUS	829.0	N	Volgograd / Marinovka	23									22			
RUS	832.0	PL	Olenya									20				
RUS	835.0	W	Varandey			03										
RUS	843.0	W	Orenburg / Tsentralniy			17										
RUS	876.0	WG	Volgograd / Gumrak			22						20				
RUS	900.0	NE	Nerl	21					00							
RUS	905.0	UD	Buturlino				01					20	20			
RUS	921.0	RO	Aginskoye			16						20	20			
RUS	925.0	A	Lipetsk-2									00				
RUS	932.0	KR	Krasnoarmeysk				01				17	20				
RUS	940.0	Ya	Severomorsk-3									20				
RUS	960.0	RP	Sosnovkoye	23		22					17	20	00			
RUS	963.0	KCh	Orenburg-2			16						20				
RUS	965.0	BL	Kazan									20				
RUS	975.0	C	Magnitogorsk			00										
RUS	985.0	FK	Gagarin				19		00							
RUS	995.0	DW	Nikolskoye				21					22				
RUS	995.0	N	Kemerovo			23										
RUS	1005.0	LO	Klimovsk						00		20					
RUS	1020.0	DK	Glodayevo	21	20											
RUS	1020.0	KA	Olzony			17										
RUS	1061.0	GO	Gorevov			18										
RUS	1080.0	AR	Buzharovo		20		19				20					
RUS	1100.0	KA	Konstaninovsk	23												
RUS	1215.0	N	Ufa			16										
RUS	1215.0	WT	Kartino									20			23	
RUS	1285.0	SW	Savelovo				19				22					
RUS	1290.0	TU	Bely	21	20	15					21				23	
SAR	316.0	CAL	Cagliari / Elmas	02			03		00		23		19	20		22
SCT	316.0	BRR	Barra			23										
SCT	328.0	IVR	Inverness									00				
SCT	331.0	GLW	Glasgow	02												12
SCT	344.0	WCK	Wick	20								23				12
SCT	355.0	PIK	Prestwick													12
SCT	380.0	CBL	Campbeltown													02
SCT	395.0	LAY	Islay													
SCT	401.0	BBA	Benbecula			23						22				
SCT	404.0	OBN	N. Connell / Oban													12
SCT	431.0	SAY	Stornoway			23										
SCY	412.0	SIG	Sigonella (CT)		23				00		23		01	20		23
SHE	351.0	SBH	Sumburgh Head		23			21				23	00			
SRB	255.0	NS	Nis	18												
SRB	300.0	PV	Novi Sad / Cenej / Petrovaradin					21								
SRB	316.0	JA	Beograd								23					
SRB	330.0	ML	Kraljevo									20				
SRB	348.0	TPL	Topola						00							
SRB	360.0	LA	Kraljevo	21					00						20	
SRB	405.0	JST	Nis / Justic		21							18				
SRB	416.0	POZ	Beograd / Pozarevac													02
SRB	423.0	ZO	Nis / Zitoradja				19									02
SRB	435.0	BR	Brdjani													
SRB	468.0	VTN	Kraljevo / Vitanovac		17											
SRB	485.0	IA	Indija			19										
SUI	375.0	GLA	Gland for Geneva / Cointrain									17	20			
SVK	391.0	OKR	Bratislava / M.R Stefanik / North				19						19			
SVK	425.0	KE	Kosice													
SVK	438.0	PE	Poprad / Tatry East				21									
SVK	477.0	RP	Malacky - Kuchyna		20											
SVN	355.0	MI	Maribor													21
SVN	463.0	CL	Cerklje									18				
SWE	312.0	DJ	Ostersund/Frosen						00							
SWE	320.0	OL	Lycksele									20				
SWE	322.0	OD	Ornskoldsvik						00		23					
SWE	324.0	ON	Norrkoping	19			21					17				00

[illegible]

CZE	Czechia	1	1	1								1	1			2			5
DEU	Germany		1	5		1		3	4			1	1			1	2	2	15
DNK	Denmark			1				2				1	1						4
EGY	Egypt			1															1
ENG	England	6	1	3	7	6	7	3	8	6		1	1	4				4	26
ESP	Spain	4	2	13	5	9	8	3	5	3		5	6	4	6			6	26
FIN	Finland	1		2	1		2		2		3		3					1	5
FRA	France	5	2	8	2	3	4	3	11	14		2	5	1	6	3	12	43	
FRO	Faroe Islands	1	1	2					2			1	1					1	2
GEO	Georgia	2	1	2					2				1						3
GRC	Greece														1				1
GRL	Greenland			1	1				1				1	1					3
GSY	Guernsey			1					1			1		1					1
HNG	Hungary								1			1	2						3
HOL	Netherlands											1	1						1
HRV	Croatia		1		3	1	2					1	1			1			8
IOM	Isle Of Man												1						1
IRL	Ireland			5		1	3	1				1	1	3					9
IRN	Iran	3	2	7					5			1	6					1	12
ISL	Iceland			11	5		2		9			1	12					11	17
ITA	Italy	1				1							1			1			2
JOR	Jordan			1					1										1
JSY	Jersey					1		1	1			1						1	1
KAL	Kalinigrad	1	1		1		1		1			1	1					1	2
LBY	Libya		1	12					11			2	11		7				13
LTU	Lithuania	2			2				1		1	1	1		1		2		3
MEL	Melilla			1			1	1				1	1		1				1
MKD	Macedonia		1						2			1						1	3
MNE	Montenegro (Yugoslavia)						1					1	1						1
MRC	Morocco			1		1	1	1	2				1						2
NGR	Niger			1					1										1
NIR	Northern Ireland									1		1	1					1	1
NOR	Norway	2	5	8	4	5	4		3		1	2	6					7	23
ORK	Orkney Islands											1	1						1
POL	Poland			1		1					1	1		1	3				5
POR	Portugal			1	1	2			2			2	1					1	2
PTR	Puerto Rico, PR								1				1						1
ROU	Romania	3	2		2		4	3			1	2	1		4			4	13
RSE	Russia (Eastern)			19			1		2			2	3						20
RUS	Russia (European)	13	10	37	15		8		24	6	19	18	21		7			3	101
SAR	Sardinia	1			1		1		1			1	1		1				1
SCT	Scotland	2		3								2	1					5	10
SCY	Sicily		1				1		1			1	1		1				1
SHE	Shetland Islands		1			1						1	1						1
SRB	Serbia (Yugoslavia)	2	2		2	1	2		1			1	1			1	2		12
SUI	Switzerland											1	1						1
SVK	Slovakia		1		2							1							4
SVN	Slovenia											1					1		2
SWE	Sweden	9	7	4	7	10	8		7		13	5	7	3	2			3	42
SYR	Syria			1					1										1
TJK	Tajikistan			1															1
TKM	Turkmenistan			3															3
TUR	Turkey	2	1	9	2		1		6				5		2	1		1	16
UKR	Ukraine										1	1	1						2
UZB	Uzbekistan			2															2
WLS	Wales	1	1		1	1	1		1	1		1		1					3
XOA	Int Waters: Asia			2					1										2
XOE	Int Waters: Europe	1	1	1	1	1	1					5	2						6
XOF	Int Waters: Africa		1						1				1		1				1
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	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 bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCT ds
00:00 - 00:59						69						44				23
01:00 - 01:59			9	15				3			5		9	3		18
02:00 - 02:59	8		4								5					27
03:00 - 03:59	2		5	4				7			2					
04:00 - 04:59	1		5	1												
05:00 - 05:59				6			15	3				24				
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					3											
12:00 - 12:59					5			30								7
13:00 - 13:59									7				1			
14:00 - 14:59				2					5	1						
15:00 - 15:59				7					6	16						
16:00 - 16:59			13							7						
17:00 - 17:59		1	5					2		8						
18:00 - 18:59	4		8						1	7		12				
19:00 - 19:59	6		15	20					7	1		10	1			
20:00 - 20:59	12	21	24	10	7				5			22	56		8	
21:00 - 21:59	15	18	25	6	19			2	3			5			3	
22:00 - 22:59	13	12	12	8	7	3			5			9	3	17		
23:00 - 23:59	7	6	45	1	4			96				14	9	12	36	
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCT ds
NDBs:	68	58	180	88	45	72	15	143	39	40	93	137	22	56	14	75

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 bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCT ds	NDBs
1	212.0			1														1
1	237.0												1					1
1	250.0				1													1
1	255.0	1																1
1	265.0															1		1
1	266.0						1		1									1
1	267.5	1					1		1									1
1	274.0								1									1
2	277.0	1			1		1		1	1								2
1	281.0			1	1				1				1					1
1	283.0			1														1
1	284.0	1			1	1			1						1			1
1	286.5					1			1									1
1	288.0			1														1
1	288.5									1								1
1	289.0			1					1									1
1	290.0			1														1
2	292.0			1	1		1	1				1	1		1			2
1	293.0			1					1									1
2	295.0								2				1					2
2	297.0								1			1			1			2
3	300.0			1		1					1							3
1	302.0			1														1
1	303.0				1	1	1		1									1
1	304.0			1					1									1
1	307.0			1														1
1	308.0						1											1
1	309.0								1									1
2	310.0			2					1									2
1	311.0								1	1								1
1	312.0						1											1
1	315.0			1					1									1
7	316.0	1		2	2	1	2		4	1		1	3		1		1	7
3	318.0	1				1	1		1								1	3
2	319.0			1			1						1					2
5	320.0					1			1	1			1			1	2	5
5	321.0	2		1		1		1	3	1			1	1			2	5
3	322.0	1					1		1		1		1				1	3
2	323.0					1	2		1	1								2
2	324.0	1				1											2	2
4	325.0			2	1	1	1			1							1	4
1	326.0								1									1
2	327.0			1						1							2	2
5	328.0	1		1			2		2			1	2					5
1	328.5									1		1	1				1	1
3	329.0	2			1		1		2	1		2	1				1	3
5	330.0			3	1		1		1				1				1	5
3	331.0	1		2		1	1		1								1	3
2	332.0			1			1										1	2
1	332.5			1													1	1
5	334.0	1		1					1	1			1	1				5
4	335.0	2	1	3	1		1		3	1			1		1		1	4
2	336.0						1		1		1		1					2
4	337.0	2	1	1	1				3	1		1	1				1	4
4	338.0	1		1				1		1			1			1		4
3	339.0	1		1						1								3
6	340.0	3	1	2	1	1	1		1			1	2		1			6
2	341.0	1		1					1		1		1					2
2	342.0			1					1		1		1					2
1	342.5			1					1									1
2	343.0	1			1	1			1	1	1				1			2
4	344.0	2	1	1	1		1		1			1	2				1	4
4	345.0			3	1	1	2	1	3			1	3				2	4
1	345.5	1			1													1
2	346.0	1		1	1		1		1		1		1				1	2
2	347.0	1						1	1			1		1				2
1	347.5								1									1
5	348.0			2	3	1	1		3			1	1				1	5
2	349.0	2	2						1		1	1			1			2
4	350.0			1	1		2		1		1		1					4
5	351.0		4		1	1	1	1	1	1		2	2	1	1			5
1	351.5				1													1
4	352.0		1		2				2	1		1	2				1	4
1	352.5			1						1		1						1
2	353.0			2														2
1	353.5				1				1	1								1
1	354.0								1								1	1
4	355.0	1	1	1					1	1		2	2				2	4
3	356.0	1			1				1			1			2	1		3
3	357.0			1	2				1			1	1					3
1	357.5																	1
4	358.0	1			2		1									1		4
3	359.0			1	1			1	1			1	2			1		3
5	360.0	1	1				2		1		2		2			1		5
1	360.5			1			1		1			1						1
1	361.0			1								1						1
2	362.0		1		1	1	1		1				1					2
1	362.5			1			1		1									1
4	363.0	1	1	1	1		2		3		1		2		1	1		4
2	364.0						1		1		1	1						2
7	365.0		1	3				1	1				3					7
1	366.0						1									1	1	1
1	367.0								1	1							1	1
1	367.5				1		1		1								1	1
4	368.0	1		1			1	1		1		1		1				4
3	369.0								1		1		1				1	3
4	370.0			1		1		1	2		1		1					4
1	370.5				1									1				1
1	371.0				1				1									1

3	372.0			1	1							1	1			3
3	373.0			1								1			1	3
2	374.0											3	4			2
8	375.0	1		2	1	1	1							1		8
2	376.0			1								1				2
4	377.0			1	1								1			4
3	378.0			1				1		1					2	3
1	379.0												1			1
5	380.0			3						1		1	2	2	1	5
1	381.0												1			1
2	382.0			2	1	1				1		1	2		1	2
2	383.0		1		1	1				1		1		1		2
3	384.0		1	1	2	1				1		1		1		3
5	385.0	1		1	1							1	1		2	5
3	386.0	1		1								1				3
4	387.0			3				1	2		1	1	1	1		4
1	388.0		1					1		1						1
1	388.5		1		1							1				1
3	389.0	1	2	2	1			1	2		1	1	1		2	3
4	390.0			3					2		1	2				4
4	391.0			1	1				2			1			1	4
1	391.5					1										1
2	392.0			1					1		1	1		1	1	2
2	393.0		1	1	1	1					1	1				2
4	394.0	1	1	1	2				1	1	1	1	1	2		4
6	395.0	1	1	3	1	1			1	1					1	6
3	396.0	1		1					1		1	1				3
5	397.0		1								2			1	1	5
3	398.0		1	1		1								1		3
2	399.0		1	1					1				1	1		2
2	400.0		1	1		1			1				1			2
3	401.0		1	2		2				1	2	1			1	3
1	402.0														1	1
4	403.0	2	1	1					1			2		1		4
6	404.0	1	1	2		1				2			1		3	6
4	405.0		1	1					2		1	2				4
1	406.0			1									1			1
1	406.5									1						1
4	407.0		1	3						2	2				1	4
1	408.0								1							1
1	409.0		1		1											1
4	410.0		1	1		1	1		2	2	1	1			2	4
1	411.0		1						1			1		1		1
5	412.0		2			2			1		2	2		1		5
2	413.0			1		1			1			1		1		2
6	414.0				1				2		2	1	1		1	6
3	415.0			1		1			1		1	1		1	2	3
3	416.0			1		1								1		3
4	417.0			1	1	1	1			1	1	1	1		1	4
2	418.0				1				1						1	2
1	419.0					1			1		1					1
4	420.0					2			1		1	1			1	4
3	421.0			1	2	1	1			1		1	2	2		3
3	423.0			2	2						1			1		3
2	424.0			1	1	1					1	1				2
3	425.0			1		1			1		2	1			2	3
2	426.0				1					1			1	1	1	2
1	427.0								1							1
2	428.0					1									2	2
3	430.0	1			1				1		1				1	3
1	431.0			1												1
5	432.0		1	2					2	2	1			2	1	5
4	433.0	1		1	1	1		2		2		2			2	4
1	433.5				1								1			1
1	434.0															1
3	435.0		1	2					1			1			1	3
1	436.0										1					1
1	437.0										1					1
1	438.0				1											1
2	440.0			2					1			1				2
2	445.0	1	2	1	1	1			1		1					2
3	450.0	1	2	1					1		1	2		2		3
1	452.0			1												1
2	455.0			2					1			1				2
1	463.0										1					1
2	468.0		1						1							2
1	469.0			1												1
2	470.0	1	1	1					1		2	1		1		2
2	475.0		1	1	1				1			1				2
1	477.0		1													1
1	478.0	1	1	1							1					1
2	479.0	2														2
3	480.0		1	2												3
4	485.0		1	2	2				1		1					4
1	486.0								1							1
1	487.0										1		1			1
1	488.0				1	1										1
1	490.0				1									1		1
2	493.0		1						1			1				2
1	500.0			1					1			1				1
1	506.0								1							1
1	507.0								1							1
2	510.0	2	1	1	1					1				1		2
1	514.0			1					1			1				1
2	515.0	1		1								1				2
1	517.0				1											1
3	520.0	1	1	1					1		1	2		1		3
1	521.0										1			1		1
1	525.0			1												1
1	580.0										1	1				1
1	592.0								1							1

1	610.0													1				1					1
1	615.0													1								1	
2	618.0													2	1							2	
2	635.0			1	1																	2	
1	662.0			1																		1	
1	670.0			1					1									1				1	
1	672.0																1					1	
1	676.0																	1				1	
1	680.0			1									1									1	
1	694.0												1									1	
1	700.0			1																		1	
1	705.0				1																	1	
2	707.0			2														1	1			2	
1	715.0																	1				1	
1	718.0			1				1														1	
2	732.0							1		1			1	1	1	1						2	
1	737.0			1																		1	
1	745.0							1			1								1			1	
1	749.0			1																		1	
1	752.0							1						1		1						1	
1	770.0															1		1				1	
1	777.0															1						1	
2	780.0			2																		2	
2	785.0			1									1									2	
1	816.0			1																		1	
1	829.0	1																	1			1	
1	832.0																		1			1	
1	835.0			1																		1	
1	840.0	1			1			1			1			1		1						1	
1	843.0			1																		1	
1	850.0					1																1	
1	860.0			1																		1	
1	876.0				1											1						1	
1	888.0																	1				1	
1	900.0	1						1										1	1			1	
1	905.0				1								1		1	1						1	
2	915.0			2																		2	
1	920.0							1						1		1		1				1	
1	921.0			1												1		1				1	
1	925.0																	1				1	
1	932.0				1								1		1							1	
1	940.0																	1				1	
2	950.0			2														1				2	
1	960.0	1			1							1		1		1						1	
1	963.0			1										1								1	
1	965.0													1								1	
1	975.0			1																		1	
1	983.0			1																		1	
1	985.0				1			1														1	
2	995.0			1	1										1							2	
1	1005.0																		1			1	
2	1020.0	1	1	1				1			1											2	
1	1061.0			1																		1	
1	1065.0			1																		1	
1	1080.0		1		1							1							1			1	
1	1100.0	1																				1	
1	1130.0			1												1						1	
2	1215.0			1												1						2	
1	1285.0				1							1							1			1	
1	1290.0	1	1		1							1							1			1	
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCT ds	NDBs					

NDB COUNTS, BY FIELD:

The number of NDBs logged by each reporter in each Locator Field.

[illegible]

MN			3														
MO			8														
MP			8			1											
NO			5														
NP			1														
OO			1														
		CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FIN ro	HOL prk	HOL rb	IRL cu	ITA ado	ITA wb	SCT ds
No. of Fields:		14	16	34	17	8	16	4	24	5	7	19	29	7	11	5	14

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE256 190-1740 kHz 22.05.2020 - 25.05.2020
NOW CLE309 180-1740 kHz 25.10.2024 - 28.10.2024

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE my	1792	1457	73	99	41	68	4929	3944
CZE ze	1585	1408	78	82	49	58	4869	3107
DEU hw	2846	2550	359	459	126	180	9514	5883
DEU je	1535	1415	78	125	51	88	5229	4259
ENG bk	1640	1124	87	51	53	45	4329	2152
ENG px	1430	898	50	35	35	39	4472	2558
HOL rb	2439	2150	268	294	110	137	7041	7041
IRL cu	1386	1024	53	23	38	22	2648	2325
SCT ds	1585	1431	86	107	54	75	4604	4373
Averages:	1804	1495	126	142	62	79	5293	3960
% Increase:		-17		13		28		-25

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
ENG jms		1460		105		72		3869
ENG mhm		753		11		15		2605
ENG nw		2074		297		143		6871
FIN ro		825		33		40		1777
HOL prk		1660		154		93		4436
ITA ado		1329		74		56		2770
ITA wb		720		10		14		1668
Averages:		1260		98		62		3428
% 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 aeralis, 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 aeralis, 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!