

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
CAN, BC	bt	Brian Butler, Hazelton
CAN, BC	ke	Ken Beteria, Cranbrook BC
CAN, BC	sm	Steve McDonald, Mayne Island
CAN, NS	vm	Vernon Matheson, Truro
CAN, ON	sn	Shaun Boland, Hamilton
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
USA, AZ	bc	Bob Coomler, Tucson
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	jb	Joe Miller, via Kiwi-SDR at 'Point Reyes, CA', USA, CA (rCApr / CM88mc)
USA, CA	od	Frank O'Donnell, South Pasadena
USA, CO	ac	Anthony Casorso, Westminster
USA, GA	sc	Shannon Cole, Flowery Branch
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, MO	dp	Dick Palmer, Wentzville
USA, NC	ws	Bill Stewart, Smithfield, 30 miles SE of Raleigh
USA, NE	dn	Don Tomkinson, Gothenburg
USA, NH	jc	John Collins, Charlestown
USA, NJ	ge	George Muha, Cream Ridge
USA, OH	ra	Rod Hranko, Powhatan Pt., East Ohio
USA, TX	ch	Chuck Dobbins, Alpine
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, WA	rt	Tom Rothlisberger, Brier
USA, WA	so	Steven O'Kelley, The Dungeon, Nr Seattle
USA, WI	zi	Steve Zimmerman, Milwaukee

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	AUS SA rw	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA GA sc	USA IL dt	USA IL fy	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OH ra	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi
ALS, AK	341.0	ELF	"Elfee" Cold Bay							08			07		09													05	06	
ALS, AK	347.0	TNC	Tin City							14																				
AUS, NN	335.0	AS	Alice Springs	12																										
AUS, NW	347.0	RIC	Richmond	12																										
AUS, QD	338.0	MA	Mount Isa	12																										
AUS, SA	341.0	CBP	Coober Pedy	07																										
BRA	340.0	OIA	Oiapoque (AP)					06											05											
BRA	340.0	PTP	Ponta Pora (MS)					03																						
CAN, AB	338.0	ZU	Whitcourt		06		04					12	06			03					03					10	03	06	01	
CAN, AB	343.0	YZH	Slave Lake				12					12	07		08	02							06			10	05	06	03	
CAN, AB	344.0	YC	Calgary			08					06	02				02			11	05	11		04			03	09	06	07	
CAN, BC	344.0	XX	Abbotsford		04	04	04				08	04	02	07	02	08	12		10	04	02		06			11	03	06	01	
CAN, MB	336.0	LF	La Salle			07	09		05				04			02			10	03	02		06			02	02	08	02	07
CAN, NL	340.0	ZJT	Stephenville					18	05															01			03			
CAN, NL	346.0	1D	Charlottetown					21																						
CAN, NS	341.0	GF	Aylesford (Greenwood)					18																						
CAN, ON	335.0	YLD	Chapleau				05	23	02		05	03	09			02		17	17	18	00	03	00	20		02	02	06	16	
CAN, ON	335.0	ZKF	Kitchener (Wellington)					23	02			03				02		23	17	02	22	06	00			02			04	
CAN, ON	341.0	YU	Kapuskasing																					15						
CAN, ON	341.0	ZLP	Toronto (Meadowvale / Mississauga)					00	05									01	01	02	00	00	00			03			07	
CAN, ON	344.0	ZSB	Noranda (Sudbury)					05										23	02	02	09	06				02			06	

CAN, ON	346.0	YXL	Sioux Lookout			08	09	05	05	05	02		09	00		02	17	17	09	18	01	15		02	02	06	02	06	
CAN, QC	336.0	BV	Champlain					21	05		04			03		23	23	02	00					02	02			06	
CAN, QC	338.0	YPX	Puviruituq					03								00	23							02	02				
CAN, QC	338.0	ZEM	Eastmain					00	05		05			06		23	23	02		06	00			02	02			05	
CAN, QC	340.0	YY	Mont Joli					22	05		04			03		23	17	01	00	03	01	20		02	02	06		16	
CAN, QC	344.0	YGV	Havre St Pierre					18	04							04				00	00			03					
CAN, SK	347.0	PA	Prince Albert			04	05				03	09		02		11	11	11		04				11	02	06	03	07	
CAN, YT	341.0	DB	Burwash			05		07			10	12	07	09	07											06	02		
CUB	339.0	UAM	Santiago De Cuba																			09							
ENG	347.0	NOY	Newquay					23																					
EQA	340.0	PTZ	Pastaza					09																					
HWA, HI	339.0	BSF	"Bradshaw" Camp Pohakuloa						08																				
MDR	338.0	PST	Porto Santo / Ilheu De Baixo					23																					
MRC	345.0	CSD	Daouarat					23																					
MTS	343.0	ML	Minami Tori Shima				13			10	12															13	12		
NZL	346.0	TG	Tauranga																								12		12
SLM	348.0	HN	Honiara						14	12																	13		
TUA	349.0	TP	Fakatopatere							12																			
USA, AR	335.0	BV	"Almond" Batesville				08	06	05		06	01		00		00	23	17	10	03	00	20		02	21			04	
USA, AR	338.0	TT	"Stutt" Stuttgart				08	06			03			02		00	02	11		03				02	21			02	
USA, AZ	338.0	RYN	"Ryan" Tucson			08	04	06		11	20	01	06	08	00	02	05	11		03				01	03	05	01	05	
USA, FL	341.0	FM	"Caloo" Fort Meyers					02																	02				
USA, FL	344.0	JA	"Dinns" Jacksonville			05	23	05		05	02		04	02	00	23	23	01	00	04	00	20		02	03		03	01	
USA, GA	335.0	AWS	"Lawson" Columbus						05							00	00	01	10	08	10			02	02				
USA, GA	335.0	SV	"Wassa" Savannah				04								01	23	04	01	23		09			02	03				
USA, GA	338.0	CYR	"Caidy" Cairo					08								23	01				10			03					
USA, GA	339.0	OP	"Yates" Thomaston					05			04					01	23	01		09	09			02				01	
USA, GA	344.0	IWJ	"Early County" Blakely					00	05		02			03	00	01	23	01	09	04	09			02	04			05	
USA, IA	341.0	FO	"Barro" Fort Dodge						04		03			00		17	17	17						02	02				
USA, IA	348.0	MC	"Surff" Mason City					06			03			02		17	17	18			18			02	02			06	
USA, IN	338.0	UMP	"Metropolitan" Indianapolis					00	05		05			00	01	17	17	17	10	03	23	15		00	02		02	16	
USA, IN	341.0	SB	"Misha" South Bend					03								17	17	17									02	16	
USA, KS	338.0	JZ	"Newbrn" Lawrence								02			02		02	02	17			17		10	02	02			05	
USA, KS	341.0	OIN	Oberlin			07	04		05	05	01	07	08		00	00	23	01		00				01	21		05	05	
USA, KS	344.0	SL	"Flory" Salina											07			11				18			02	01				
USA, KS	347.0	GC	"Pieve" Garden City								02			00		10	03	12			18			02	02				
USA, KY	341.0	OW	"Higuy" Owensboro														03	17						05					
USA, LA	344.0	TKH	"Tallulah" Vicksburg							06	04			02		10	02	01					04		02	22			
USA, ME	348.0	BLP	"Burnham" Pittsfield					21														00							
USA, MI	336.0	MA	"Wexford" Cadillac					02	02					03		18	17	02		03	09			03				16	
USA, MI	344.0	ES	"Pikle" Escanaba					05								23	17	02		07								16	
USA, MN	335.0	COQ	Cloquet								05			12		10	02	08		06				00				04	
USA, MN	342.0	PFT	"Piney" Pinecreek			07	09				05			02		10	05	02		19				03			07	06	
USA, MN	342.0	ST	"Hussk" St Cloud								05			02		10	03	01		19				02	03			06	
USA, MN	346.0	GHW	Glenwood											00		00	03	11		17				03					
USA, MO	338.0	LM	"Oblio" St Louis						08							02	17	17							03			05	
USA, MO	344.0	JL	"Lunns" Joplin													01													
USA, MS	349.0	GW	"Teock" Greenwood				04		06	06	03			00		23	23	02	00	04	01			02	03			06	
USA, MT	347.0	SBX	Shelby			13	08	05		10		02	07	02	09	02									02	02	05	01	
USA, NC	338.0	POB	"Pope" Fayetteville					01	05							00			00		00				03				
USA, NC	346.0	VU	"Aller" Albemarle					23	05							01	02	03	00	08	00	15			02			01	
USA, ND	345.0	GF	"Hiser" Grand Forks								03			00		11	03	12		18				02	03			06	
USA, NE	347.0	AFK	Nebraska City				06	04	06		05	04		00		17	17	17	09	18				02	02			03	
USA, NE	347.0	YK	"Cagur" Yankton				11		08		02			00		17	17	02		18				02	02			06	
USA, NY	335.0	SW	"Neely" Newburgh					23	02													23	16						
USA, OH	338.0	YN	"Fetch" Youngstown / Warren					08	08							00	03				09								
USA, OH	341.0	CCJ	"Clark Co" Springfield					23	05					08		23	22	01	00	05	00			02	02			17	
USA, OK	338.0	TU	"Ollir" Tulsa				04				02			02		00	03	02		09					02	21			
USA, OK	341.0	EI	"Garfy" Enid								04			10				11		04					03				
USA, SC	335.0	FL	"Alcot" Florence						08								03												
USA, SC	338.0	GY	"Dyana" Greenville						06							10													
USA, SC	341.0	HVS	Hartsville					06											22		01								
USA, SC	347.0	AIK	Aiken					00	05					01		00	02	02	00		00				02				
USA, SD	335.0	BK	"CHRLZ" Brookings					09			05			00		17	17	17		17			10	02	02		02	04	
USA, TN	335.0	CK	"Snuff" Clarksville					01	05					02	01	23	23	01	00	05	01	15			02	02		01	
USA, TN	341.0	CQN	"Daisy" Chattanooga								01																		
USA, TX	335.0	DR	"Kotti" Del Rio				05				05	01		11	02		05	02		06				01	21				
USA, TX	338.0	HR	"Sebas" Harlingen					09			03				02		05	11		03				02	21				
USA, TX	341.0	DNI	Denison			04	05	04			07	02			00		03	01		03				01	22				
USA, TX	341.0	HRX	Hereford								01				00		05	01						02	21				
USA, TX	344.0	CGO	"Powell" Corsicana					10			05	01			08		05	01		04				03	22			06	
USA, TX	347.0	ATA	Atlanta																						02				
USA, WI	344.0	UNJ	Juneau					06	05					02		17	17	17		04				02	03			16	
USA, WV	346.0	LW	"Bushi" Lewisburg													01		01			00				03				
USA, WY	344.0	POY	Powell				04	11			06	02	07	02	09	00		05	03		04			02	03	05	01	06	

Cou, S/P	QRG	ID	Name	AUS SA rw	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA GA sc	USA IL dt	USA IL fy	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OH ra	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi
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COUNTRIES HEARD:

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

Cou	Cou-Name	AUS SA rw	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA GA sc	USA IL dt	USA IL fy	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OH ra	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi	
ALS	Alaska, AK							2			1		1														1	1	
AUS	Australia, NN	1																											
AUS	Australia, NW	1																											
AUS	Australia, QD	1																											
AUS	Australia, SA	1																											
BRA	Brazil						2										1												
CAN	Canada, AB		1	1	2				1	3	2		1	3		1	1	2		2				3	3	3	2	1	
CAN	Canada, BC		1	1	1			1	1	1	1	1	1	1		1	1	1		1				1	1	1	1	1	
CAN	Canada, MB			1	1					1				1		1	1	1						1	1	1	1	1	
CAN	Canada, NL					2	1														1				1				
CAN	Canada, NS					1															1								
CAN	Canada, ON			1	2	4	5		2	3	1		1	3		5	5	5	5	4	5	3		2	5	2	1	5	
CAN	Canada, QC					5	4			3				3		4	5	3	2	2	4	1		3	5	1	1	3	
CAN	Canada, SK			1	1					1				1		1	1	1		1				1	1	1	1	1	
CAN	Canada, YT		1		1			1		1	1		1	1											1	1	1	1	
CUB	Cuba																					1							
ENG	England						1																						
EQA	Ecuador						1																						
HWA	Hawaii, HI							1																					
MDR	Madeira						1																						
MRC	Morocco						1																						
MTS	Minami Tori Shima (JPN)					1		1		1																1	1		
NZL	New Zealand																											1	
SLM	Solomon Islands							1		1																		1	
TUA	Tuamotu Archipelago							1		1																			
USA	USA, AR				2	2	1		1	2				2		2	2	2	1	2	1	1		2	2			2	
USA	USA, AZ				1	1		1	1	1				1		1	1	1	1	1	1	1		1	1	1	1	1	
USA	USA, FL				1	1	2	1		1	1		1	1	1	1	1	1	1	1	1	1		1	2	1	1	1	
USA	USA, GA					2	4			2				1	2	4	4	5	3	3	5			2	5			2	
USA	USA, IA						1			2				2		2	2	2		2				1	2			1	
USA	USA, IN					2	1			1				1		2	2	2	1	1	1	1		1	1	1	1	2	
USA	USA, KS			1	1		1		1	3	1		1	4		3	3	4		4	4	1	1	4	4	1	1	2	
USA	USA, KY																1	1	1		1			1	1			2	
USA	USA, LA								1	1				1		1	1	1		1			1	1					
USA	USA, ME					1															1								
USA	USA, MI					1	2							1		2	2	2		2	1			1				2	
USA	USA, MN				1	1				3				4		4	4	4		4				1	4		1	3	
USA	USA, MO						1			1				1		2	1	1		1				1	1			1	
USA	USA, MS				1				1	1				1		1	1	1	1	1	1			1	1			1	
USA	USA, MT		1	1	1			1		1	1	1	1	1		1	1	1		1	1	1		1	1	1	1	1	
USA	USA, NC					2	2							1		2	1	1	2	1	2	1		2	2			1	
USA	USA, ND									1				1		1	1	1		1				1	1			1	
USA	USA, NE				2	1	2		1	2				2		2	2	2	1	2				2	2		2	2	
USA	USA, NY					1	1							1		1	1	1		1									
USA	USA, OH					2	2							1		2	2	1	1	1	2			1	1			1	
USA	USA, OK				1					2				2		1	1	2		2				2					
USA	USA, SC					2	3							1		2	2	1	2	2				1					

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	SP	ITU	Rptr	UTC
344.0	JL	"Lunns" Joplin	MO	USA	dt	0108
347.0	ATA	Atlanta	TX	USA	du	0236
339.0	UAM	Santiago De Cuba		CUB	jc	0932
347.0	TNC	Tin City	AK	ALS	mx	1451
339.0	BSF	"Bradshaw" Camp Pohakuloa	HI	HWA	mx	0816
335.0	AS	Alice Springs	NN	AUS	rw	1233
347.0	RIC	Richmond	NW	AUS	rw	1226
338.0	MA	Mount Isa	OD	AUS	rw	1223
341.0	CBP	Coober Pedy	SA	AUS	rw	0756
335.0	CK	"Snuff" Clarksville	TN	USA	sn	0546
346.0	TG	Tauranga		NZL	so	1257
349.0	TP	Fakatopatere		TUA	sr	1227
346.0	1D	Charlottetown	NL	CAN	vm	2154
338.0	PST	Porto Santo / Ilheu De Baixo		MDR	vm	2232
340.0	PTP	Ponta Pora (MS)		BRA	vm	0346
340.0	PTZ	Pastaza		EOA	vm	0928
345.0	CSD	Daouarat		MRC	vm	0132
347.0	NGY	Newquay		ENG	vm	2326

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE233 - 335-349.9 kHz kHz - 22.06.2018 - 25.06.2018
NOW CLE249 - 335-349.9 kHz kHz - 25.10.2019 - 28.10.2019

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, SA rw	1181	1176	6	5	5	4	1553	1553
CAN, BC bt	821	964	4	4	5	4	967	1328
CAN, BC sm	1628	2318	34	56	21	24	3957	7501
CAN, NS vm	801	2331	10	98	13	42	1621	7564
HWA mx	3687	4284	7	39	2	9	7084	5733
USA, AZ sr	1262	2508	6	118	5	47	1842	10454
USA, CA ha	1773	2020	18	22	10	11	3464	3464
USA, CA jb	536	1358	1	4	1	3	536	1462
USA, CO ac	1138	1408	17	68	15	48	3061	3323
USA, IL dt	482	1003	6	54	12	54	1197	2589
USA, IL fy	959	1133	17	66	18	58	2164	5534
USA, MO dp	1032	1038	10	61	10	59	2104	2750
USA, NE dn	1229	1153	17	58	14	50	2637	2637
USA, NH jc	1030	1173	27	38	26	32	1897	2601
USA, NJ ge	1300	1090	7	11	5	10	1749	1749
USA, TX du	368	1468	3	94	7	64	701	3562
USA, WA so	1023	2945	5	62	5	21	2901	11238
USA, WI zi	640	939	9	37	14	39	1758	2358
Averages:	1160	1684	11	50	10	32	2289	4300
% Increase:		45		337		208		88

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CAN, BC ke	1180		13		11		2346	
CAN, ON sn	983		36		37		1768	
USA, AZ bc	1733		26		15		2885	
USA, CA od	2272		25		11		4147	
USA, GA sc	360		2		6		671	
USA, NC ws	901		19		21		1954	
USA, OH ra	1332		3		2		1425	
USA, TX ch	1791		73		41		3847	
USA, WA rt	2062		33		16		7598	
Averages:	1402		26		18		2960	

% Increase:					
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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.