

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

- AUS, SA rw Bob Warren, Blakeview
- CAN, BC sm Steve McDonald, Mayne Island
- CAN, NS vm Vernon Matheson, Truro
- CAN, ON cl Carleton Styan , Wasaga Beach
- CAN, ON sn Shaun Boland, Hamilton
- CAN, ON tw Tony Ward, Whitby, Nr Toronto
- HWA mx Mike Tuggle, Kaneohe, Hawaii
- USA, AZ sr Steve Ratzlaff, Near Sahuarita, SE Arizona
- USA, CA em Esther Miller, rural Arroyo Grande
- USA, CA ha Bill Haddon, Kelseyville
- USA, CA od Frank O'Donnell, South Pasadena
- USA, CO ac Anthony Casorso, Westminster
- USA, IL dt Dave Tomasko, Galena
- USA, IL fy Joe Farley, Downers Grove
- USA, KS gu Chuck Gumbert, Goddard
- USA, MO dp Dick Palmer, Wentzville
- USA, NE dn Don Tomkinson, Gothenburg
- USA, NH jc John Collins, Charlestown
- USA, OH ra Rod Hranko, Powhatan Pt., East Ohio
- USA, OR de Dan Petersen (WA), via Kiwi-SDR at 'Newport, OR', USA, OR (rORnp / CN74xp)
- USA, PA el Mark Bell, Airville
- 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, Milwaukie

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'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 sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WA zi
AUS, NW	332.0	BHI	Broken Hill	02																									
AUS, QD	324.0	EML	Emerald	13																									
AUS, WE	323.0	CAR	Carnarvon	13																									
AUS, WE	326.0	ESP	Esperance	17																									
AUT	327.0	LNZ	LinZ / Horsching			23																							
AZR	331.0	SC	Santa Cruz Das Flores			23																							
BRA	320.0	JPS	Joao Pessoa (PB)			02																							
BRA	330.0	RPR	Ribeirão Preto (SP)			01																							
CAN, AB	320.0	YQF	Red Deer		08	15	06	05	05		03	07	01	04	00		01	01	06	23		09	04		03	04	03	03	05
CAN, AB	328.0	5J	Coronation		08						03		08	08	08					23			04		04	04	03	03	
CAN, AB	329.0	X2	Athabasca		07						04		07		06			04					04		07	03	03		

CAN, AB	332.0	XH	Medicine Hat		10	04				04	02	01	08	00			04	08	23			09	04		04	04	03	03		
CAN, BC	325.0	YJQ	Bella Bella (Campbell Island)		08					06	07	01	08	08									04	04		04	07	03	03	
CAN, BC	326.0	DC	Princeton		08				09	03	06	01	04	10										04	11	05	03	03		
CAN, BC	326.0	XJ	Fort St. John		08								08	05										04	07	07	09	06		
CAN, BC	332.0	WC	White Rock (Abbotsford)		10					06		01	08	05										04	08	03	03			
CAN, BC	332.0	XT	Terrace		10				09															07	08	03	03			
CAN, NB	326.0	FC	Fredericton			17	22	06	02						00	22	23	00				21	22		21	03	08		06	
CAN, NT	321.0	YSY	Sachs Harbour		05					05																	07	09	06	
CAN, NU	329.0	YEK	Arviat		08		22	06	02		04		07	05	00	00	22	04	00	23	01	09			07	04	08		06	
CAN, NU	332.0	YTE	Cape Dorset			07											00	00							07	07				
CAN, ON	326.0	VV	Wiarton									01	02	00	00	00	00	00	06											
CAN, ON	326.0	YQK	Kenora				23	06	02																07	04			06	
CAN, ON	328.0	YTL	Big Trout Lake		08	23	22	06	02		03	06	01	04	00	00	22	00	00	23	22	09			22	03	04	03	04	06
CAN, ON	332.0	QT	Thunder Bay			08	22	06	03		04	02	01	01	00	18	22	00	00	23	01	22		05	06	04		04	17	
CAN, ON	334.0	YER	Fort Severn		08	23	00	06	02		05	02	07	04	00	00	23	00	00	23	01	09			07	04	08	06	06	
CAN, QC	323.0	KR	Squaw Schefferville			20	22	05	01		05				02	00	00	01				21	22		23	07	04		05	
CAN, QC	329.0	OU	Ste-Foy			23	22	06	02						00	23			04	21	22			22	04	06		06		
CAN, QC	332.0	YFM	La Grande 4			20	22	06	02		04			04	02	00	22	00				21	22		22	03	04		06	
CAN, SK	332.0	VT	Buffalo Narrows							08																				
CAN, YT	329.0	PJ	Robinson (Whitehorse)		07					05		08		10						06				04		06	03	03		
CKS	320.0	AI	Aitutaki							13			07	10																
CLM	330.0	SIS	Puerto Asis			02																				04				
DNK	321.0	VO	Vojens / Skrydstrup			23																								
ENG	321.0	STM	Scilly Isles / St Mary																											
EQA	322.0	COC	Coca			06																								
ESP	325.0	AST	Asturias			23																								
ESP	328.0	HIG	San Sebastian			02																								
FRA	321.0	ABY	Albert / Bray			01																								
FRA	321.0	TL	Tarbes / Ossun / Lourdes			01																								
FRA	322.0	RL	La Rochelle / Ile De Re			01																								
FRA	322.0	TLN	Hyeres / Le Palyvestre			00																								
FRA	323.0	AB	Albi / Le Sequestre			00																								
FRA	327.0	MVC	Merville / Calonne			00																								
FRA	334.0	DX	Dax / Seyresse			02																								
GRL	328.0	HB	"Sisimuit" Holsteinborg (Kitaa)			23											04													
GUF	327.0	FXC	Cayenne			03																								
HWA, HI	327.0	VYI	"Valley Island" Kahului							08																				
HWA, HI	332.0	POA	Pahoa		07					08	04	06	07	09	10					11			04		07	12	09	05		
ITA	325.0	RCA	Reggio di Calabria (RC)			01																								
ITA	333.5	VOG	Voghera (PV)			23																								
MRC	332.0	SBI	Rabat / Sale			02																								
MRT	329.0	FOF	Fort De France			01			02												02									
NIR	328.5	EGT	Londonderry / Eglinton			23																								
NOR	329.0	NMS	Namsos			01																								
PTR, PR	330.0	SJ	Patty			02	05		02								02				02	09			03	07				
SCN	325.0	SKB	Bradshaw			01																					07			
SCT	331.0	GLW	Glasgow			02																								
SWE	324.0	ON	Norrkoping			02																								
TRD	323.0	TAB	Crown Point			23	02	05	02		05				09	01	01	02			01	09		05	04	07				
USA, FL	326.0	PKZ	"Pickens" Pensacola		08	00	23		02		03		07	08	00	00	23	23	00	06	01	22		23	03	04		04	05	
USA, FL	329.0	SMY	"Soyya" Marianna												01	18	23	01	00	04		09			02	04				
USA, FL	332.0	FIS	"Fish Hook" Key West		04	23	00	06	02		04	06	02	04	00	00	23	00	02	04	01	22		01	03	21	10	03	06	
USA, GA	323.0	OUK	Calhoun			01	23	05	05		03				00	00	23	00	00		01	22		23	03	06			05	
USA, IL	329.0	AAA	"Abraham" Lincoln		08	01	00	06	04		04				00	18	23	00	00	23	01	22		01	03	06		04	19	
USA, IL	332.0	DN	"Julip" Danville			16		06	04						01	18	23	01	00	04		22		04	03	04			19	
USA, IL	334.0	LH	"Egrow" Bloomington			02	22	06	02		04				01	18	23	01	21	04	01	22		04	04	04			17	
USA, IN	331.0	JV	"Catch" Jeffersonville			01	04	06	04						01	01	23	02	02	04	01	22		01	04	06				
USA, KS	332.0	IC	"Piche" Wichita								04				00	00	01	18		08		09		04	21		05	06		
USA, MD	332.0	DC	"Oxon" Oxon Hill (Fort Foote Park)			00	22	06	03							01	03				22	22		17		04				
USA, MI	332.0	PH	"Phurn" Port Huron			00	20	06	03						00	23		00			01	22		23	03	06			06	
USA, MO	326.0	SU	"Snoop" Saint Louis												06		00	00	21			09			03	04			07	
USA, NC	326.0	ZEF	"Zephyr" Elkin					05	02													22		01		03				

USA	USA, IL		1	3	2	3	3		2				3	3	3	3	3	2	3		3	3	3	1	3		
USA	USA, IN			1	1	1	1						1	1	1	1	1	1	1		1	1	1				
USA	USA, KS							1					1	1	1	1	1	1	1		1	1	1	1	1		
USA	USA, MD			1	1	1	1						1	1	1	1	1	1	1		1	1	1				
USA	USA, MI			1	1	1	1						1	1	1	1	1	1	1		1	1	1		1		
USA	USA, MO												1	1	1	1	1	1	1		1	1	1		1		
USA	USA, NC			1	1	1	2						1	1	1	1	1	1	2		2	1	2		1		
USA	USA, NE	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
USA	USA, NH			1	1	1	1						1	1	1	1	1	1	1		1	1	1				
USA	USA, NY			1	1	1	1						1	1	1	1	1	1	1		1	1	1				
USA	USA, PA			1	1	1	1						1	1	1	1	1	1	1		1	1	1				
USA	USA, SC		1	1	1	2	1			1	1	1	2	1	1	1	1	1	2		2	1	2	1	1		
USA	USA, TX	1		1	1	1	1	3	1	1	1	3	1	2	3	1	3	1	1	1	1	3	3	1	1		
USA	USA, VA			2	2	2	2						1	1	2	2	2	2	2		2	1	1		1		
USA	USA, WI				1	1	1						1	1	1	1	1	1	1		1	1		1			
XUF	UNID (Africa?)			1																							
Cou	Cou-Name	AUS SA rw	CAN BC sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi

LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	AUS SA rw	CAN BC sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi	
00:00 - 00:59			9	4								14	17	4	12	11											
01:00 - 01:59			14			3						3	5	4	4			13			8						
02:00 - 02:59	1		11	1		17				10	2	3	5	4	4			3					1				
03:00 - 03:59			1			6		7	3	1	1	3	1	1	3	4		3					16	1	10	11	
04:00 - 04:59		2	1	1		6		14			8	2	3	3			8			10	2	12	20		5		
05:00 - 05:59		1		2		8		5			1	2	3		1		1				2		1	9		2	5
06:00 - 06:59			1	1	21	3		2		4		2			1	1	4					1	9		3		12
07:00 - 07:59		3	1					1	3	7		2										6	9				2
08:00 - 08:59			12	1				3		2		6	2		1	1	2						3		2		2
09:00 - 09:59								2				1	2						12						4		
10:00 - 10:59			3								1	3				1	2	2				2			2		
11:00 - 11:59																											
12:00 - 12:59								1															1				
13:00 - 13:59	2																										
14:00 - 14:59																											
15:00 - 15:59			1																								
16:00 - 16:59			1																								
17:00 - 17:59	1		1																			3					2
18:00 - 18:59														6			1										
19:00 - 19:59																											3
20:00 - 20:59			2	2								1				2							1				
21:00 - 21:59																		6					4				
22:00 - 22:59														5				3		25							
23:00 - 23:59			15	4										14	2		12					4					
UTC (hh)	AUS SA rw	CAN BC sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi	
NDBs:	4	21	59	26	29	35	6	29	11	20	20	34	28	34	29	20	30	29	37	10	26	38	49	18	21	24	

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS SA rw	CAN BC sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi	NDBs	
3	320.0		1	2	1	1	1	1	1	1																			3
5	321.0		1	4					1																				5
3	322.0			3																									3
6	323.0	1		5	4	4	4		3					3	4	4	3	1		4	4		4	3	4			2	6
2	324.0	1		1																									2
4	325.0		1	3					1	1	1	1	1										1	2	1	1		4	
12	326.0	1	4	4	4	5	7	1	3	2	4	5	6	5	7	5	5	6	4	8	2	5	6	9	3	3	6	12	
4	327.0			3				1																					4
6	328.0		2	5	2	3	3		2	1	2	2	3	2	4	2	1	2	3	3	1	3	3	4	2	2	1	6	
1	328.5			1																									1
11	329.0		6	7	5	6	7		6	1	5	3	6	5	5	5	4	6	7	7	1	5	7	8	4	5	5	11	
5	330.0			4	1		1		1						2	1	1	1	1	1	1	2	2	3				5	
3	331.0			3	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1			3	
18	332.0	1	5	10	6	7	9	3	9	4	5	6	10	9	8	9	5	10	7	10	4	7	12	14	5	7	7	18	
1	333.5			1																									1
3	334.0		1	3	2	2	2		2	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	3	
NDBs	QRG	AUS SA rw	CAN BC sm	CAN NS vm	CAN ON cl	CAN ON sn	CAN ON tw	HWA mx	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA OH ra	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA rt	USA WA so	USA WI zi	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
326.0	VV	Wiaraton	ON	CAN	dn	0615
327.0	VYI	"Valley Island" Kahului	HI	HWA	mx	0813
332.0	BHI	Broken Hill	NW	AUS	rw	0211
324.0	EML	Emerald	QD	AUS	rw	1335
323.0	CAR	Carnarvon	WE	AUS	rw	1330
326.0	ESP	Esperance	WE	AUS	rw	1713
320.0	JPS	Joao Pessoa (PB)		BRA	vm	0219
321.0	ABY	Albert / Bray		FRA	vm	2332
321.0	STM	Scilly Isles / St Mary		ENG	vm	0015
321.0	TL	Tarbes / Ossun / Lourdes		FRA	vm	2332
321.0	VO	Vojens / Skrydstrup		DNK	vm	0144
322.0	COC	Coca		EQA	vm	0632
322.0	RL	La Rochelle / Ile De Re		FRA	vm	0152
322.0	TLN	Hyerres / Le Palyvestre		FRA	vm	2332
323.0	AB	Albi / Le Sequestre		FRA	vm	2332
324.0	ON	Norrkoping		SWE	vm	2332
325.0	AST	Asturias		ESP	vm	0500
325.0	RCA	Reggio di Calabria (RC)		ITA	vm	2332
327.0	FXC	Cayenne		GUF	vm	0349
327.0	LNZ	Linz / Horsching		AUT	vm	0217
327.0	MVC	Merville / Calonne		FRA	vm	0158
328.5	EGT	Londonderry / Eglinton		NIR	vm	0215
328.0	HIG	San Sebastian		ESP	vm	0220
329.0	NMS	Namsos		NOR	vm	0258
330.0	KN	UNID		XUF	vm	2332
330.0	RPR	Ribeirão Preto (SP)		BRA	vm	0143
331.0	GLW	Glasgow		SCT	vm	0015
331.0	SC	Santa Cruz Das Flores		AZR	vm	2332
332.0	SBI	Rabat / Sale		MRC	vm	2332
333.5	VOG	Voghera (PV)		ITA	vm	0228
334.0	DX	Dax / Seyresse		FRA	vm	0231

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE247 - 320-334.9 kHz - 23.08.2019 - 26.08.2019
 NOW CLE264 - 320-334.9 kHz - 22.01.2021 - 25.01.2021

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
AUS, SA rw	1558	1534	9	6	6	4	2640	2640
CAN, BC sm	1732	1965	28	41	16	21	4499	4499
CAN, NS vm	1838	3371	24	196	13	59	3803	7534
CAN, ON sn	1052	1142	19	33	18	29	2195	4009
USA, AZ sr	3667	2700	44	78	12	29	10707	5630
USA, CA ha	2468	2737	25	55	10	20	4158	7473
USA, CA od	2396	2925	7	59	3	20	3972	7334
USA, CO ac	1293	1995	16	68	12	34	2387	5377
USA, IL dt	920	1257	20	35	22	28	2127	4487
USA, IL fy	920	1358	24	46	26	34	2189	4303
USA, MO dp	913	1168	13	23	14	20	2106	2484
USA, NE dn	1284	1769	24	53	19	30	2489	5677
USA, NH jc	1184	1483	28	43	24	29	2448	3732
USA, OH ra	2609	1236	8	46	3	37	3738	3738
USA, TX ch	1576	2450	20	93	13	38	2840	5291
USA, TX du	1508	2254	35	110	23	49	3206	6073
USA, WA rt	1563	1735	25	31	16	18	4298	4387
USA, WA so	1437	1983	14	42	10	21	4280	4376
Averages:	1662	1948	21	59	14	29	3560	4947
% Increase:		17		176		100		39

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CAN, ON cl		1315		34		26		4126
CAN, ON tw		1355		47		35		4025
HWA mx		3242		19		6		5565
USA, CA em		2591		29		11		3880
USA, KS gu		1650		48		29		4689
USA, OR de		1384		14		10		3987
USA, PA el		1036		27		26		3522
USA, WI zi		1146		28		24		2176
Averages:		1715		31		21		3996
% 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.