

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	co	Dan Collier, Vancouver - while at Univ. ARC
CAN, BC	sm	Steve McDonald, Mayne Island
CAN, NS	vm	Vernon Matheson, Truro
CAN, ON	sn	Shaun Boland, Hamilton
CAN, QC	ky	Richard Katezansky, Main, Montreal
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
USA, AZ	kw	Kirk Wines, Tucson
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	ir	Iden Rogers, Nr Grass Valley, 50 mi NNE of Sacramento
USA, CA	pa	Phil Atchley, Merced, Central California
USA, CO	ac	Anthony Casorso, Westminster
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, IN	lm	Loren Melton, Claypool
USA, MA	hj	Jonathan Jesse, Plymouth
USA, MI	ct	Carl Schmidt, Rochester
USA, MO	dp	Dick Palmer, Wentzville
USA, MT	sf	Steve Flood, Turah
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, NJ	rs	Bill Riches, Cape May
USA, NV	p7	Dan Petersen (WA), via Kiwi SDR at Pahrump
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, VA	mb	Mike Trowbridge, Catlett
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
(ndbcleat@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 co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ kw	USA AZ sr	USA CA ha	USA CA ir	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MA hj	USA MI ct	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA NV p7	USA TX du	USA VA mb	USA WA rt	USA WA so	USA WI zi
ALS, AK	403.0	AMF	Ambler		11																														
ALS, AK	404.0	GCR	"Glacier River" Cordova		00	05	06																										04	06	
ALS, AK	411.0	ILI	Iliamna		01	04	06				07		04																			04	05		
ALS, AK	414.0	IME	"Mount Edgecumbe" Sitka		20	05	06				08			09	05	06																04	10		
AUS, NN	401.0	MGD	Maningrida	13																															
AUS, NN	407.0	GTE	Groote Eylandt	16																															
AUS, NW	401.0	ARM	Armidale	13																															
AUS, NW	407.0	GDH	Gunnedah	13																															
AUS, NW	407.0	GLB	Gouldburn	17																															
AUS, NW	413.0	NBR	Narrabri	13																															
AUS, QD	404.0	COE	Coen	13																															
AUS, QD	407.0	WDH	WINDORAH, Australia	13																															
AUS, QD	413.0	BDV	Birdsville	13																															
AUS, SA	416.0	PF	Parafield	01																															
AUS, VI	407.0	SWH	Swan Hill	13																															
AUS, WE	404.0	KA	Karratha	13																															
CAN, AB	405.0	2K	Camrose		00	04	14					10	02		04	04	00	01	04				01	12						04		04	04		
CAN, AB	405.0	9G	Sundre		23	04	14					09	01		03		01	02	04				08	13						08		05	04	04	
CAN, AB	406.0	2S	High Prairie		08												05															05			

UTC (hh)	AUS SA rw	CAN BC bt	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ kw	USA AZ sr	USA CA ha	USA CA ir	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MA hj	USA MI ct	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA NV p7	USA TX du	USA VA mb	USA WA rt	USA WA so	USA WA zi		
00:00 - 00:59		8			20									16	14	19		1		13		11	4	10	5			6						
01:00 - 01:59	1	1			3		14			24		7		4	8	15						4	1	3	4			19						
02:00 - 02:59		4			3		8			11		2	9	2	3	2	6						3	4	4			19			2			
03:00 - 03:59					5		2			18		5	5	3									3	4	4			6			7			
04:00 - 04:59		1	15	6	4		1		3	13		9	4	2		3		6					1	5			20			5				
05:00 - 05:59		4	13	8	1			5	4	1		4	3	3		2							1	5			16		12	21	5			
06:00 - 06:59		7	2	28	1	19		1		1		3	4			1							1			8	1	11	7	3				
07:00 - 07:59		1				5		1		1														5		8	1	7	2	5				
08:00 - 08:59		5		4	2	6		1						1										1		8	1	2	1					
09:00 - 09:59		1		1	1				13		16																							
10:00 - 10:59				1				1	5											21			1	4										
11:00 - 11:59		3		1					1	1					3				6			6	11	1			6			2				
12:00 - 12:59		1		2					2						2																			
13:00 - 13:59	9			1																														
14:00 - 14:59				2																														
15:00 - 15:59				2				1																										
16:00 - 16:59	1																																	
17:00 - 17:59	1																																	
18:00 - 18:59																																		
19:00 - 19:59																																		
20:00 - 20:59		3																																
21:00 - 21:59																																		
22:00 - 22:59					1									6	1	7																		11
23:00 - 23:59		3												21	29	14		6	19														7	
UTC (hh)	AUS SA rw	CAN BC bt	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ kw	USA AZ sr	USA CA ha	USA CA ir	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MA hj	USA MI ct	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA NV p7	USA TX du	USA VA mb	USA WA rt	USA WA so	USA WA zi		
NDBs	12	42	30	54	41	30	25	10	28	68	16	23	32	58	73	70	8	36	32	70	21	27	23	53	15	18	16	73	57	35	28	47		

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS SA rw	CAN BC bt	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ kw	USA AZ sr	USA CA ha	USA CA ir	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MA hj	USA MI ct	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA NV p7	USA TX du	USA VA mb	USA WA rt	USA WA so	USA WA zi	NDBs	
15	400.0		6	4	7	4	6	4	1	4	11	1	1	6	11	12	12		6	4	12	3	2	6	9	3	1	3	12	9	5	4	8	15	
5	401.0	2	1	1	2	3	1	2	1	1	3	1	1	1	3	3	3	1	2	2	2	1	1	1	3	2	1	1	3	3	1	1	2	5	
4	402.0		2	1	2	2	1	1	1	2		1	1	1	2	3	3		2		3	1	1	2	1	1	1	3	2	1	1	2	4		
4	403.0		3	1	2	1	1	1	1	2		1	1	1	2	2	2		1	1	1	1	1	1	1	1	1	2	1	1	1	1	4		
10	404.0	2	2	2	4	3	3	1	1	2	4	1	1	1	4	5	5		3	2	6	1	1	5	1	1	1	5	6	2	2	3	10		
4	405.0		2	2	2	1				2	3		2	1	2	3	3			1	3	2	1	1	1	1	1	4	1	2	2	1	4		
2	406.0		2	1	1	1	1		1	1	1	1	1	1	2	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
16	407.0	5	4	1	7	5	5	4		2	8		2	2	7	11	8	2	5	4	9	2	5	2	6	2	3	8	8	3	2	7	16		
4	408.0		3	3	4	2	1	1	1	2	4	3	3	3	4	4	4		2	1	4	3	1	1	1	1	1	4	3	3	3	4	4		
1	409.0			1	1	1	1	1		1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6	410.0		2	1	3	4	1	4		1	5		1	1	4	4	6	1	3	4	5		2	1	4	1	2	1	6	5	1	1	4	6	
2	411.0		1	1	1				1	1				1	1																			2	
2	412.0				1	2	2	1		1	2				2	2	2		2	2	2		1	1	2	1	1	2	2	2	2	2	2	2	
4	413.0	2	1	1	1	1	1	1	1	2		1	1	1	1	2	2	1	1	1	2	1	1	1	1		1	2	1	1	1	1	4		
12	414.0		8	7	9	5	1	1	1	5	8	5	7	7	6	9	8		2	2	9	4	2	3	6		5	8	6	7	6	4	12		
4	415.0		1	1	2	2	2	1	1	3		1	1	1	2	2	2		1	2	2		2		3	1	1	3	2	1	1	2	4		
2	416.0	1	1	1	1					1	1			1	1	1	1				1			1	1	1	1	1	1	1	1	1	2	2	
3	417.0		1	1	2	3	3	2		1	3	1	1	1	2	3	3	1	3	3	3	1	2	1	3	1	3	3	3	1	1	3	3	3	
2	418.0									2					1	1																			2
3	419.0		2	1	2	1	1	1		1	2			2	2	3	3	1	1	1	3		2	3	3	1		3	3	1			2	3	
NDBs	QRG	AUS SA rw	CAN BC bt	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ kw	USA AZ sr	USA CA ha	USA CA ir	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MA hj	USA MI ct	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA NV p7	USA TX du	USA VA mb	USA WA rt	USA WA so	USA WA 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	SP	ITU	Rptr	UTC
403.0	AMF	Ambler	AK	ALS	bt	1134
411.0	SDA	Shenandoah	IA	USA	dt	1913
405.0	CON	Concepcion	PRG	du		0504
400.0	FO	"Squir" Westhampton Beach	NY	USA	ge	0100
401.0	MGD	Maningrida	NN	AUS	rw	1312
407.0	GTE	Groote Eylandt	NN	AUS	rw	1615
401.0	ARM	Armidale	NW	AUS	rw	1311

407.0 GDH	Gunnedah	NW	AUS	rw	1319
407.0 GLB	Gouldburn	NW	AUS	rw	1738
413.0 NBR	Narrabri	NW	AUS	rw	1322
404.0 COE	Coen	QD	AUS	rw	1315
407.0 WDH	WINDORAH, Australia	QD	AUS	rw	1320
413.0 BDV	Birdsville	QD	AUS	rw	1322
416.0 PF	Parafield	SA	AUS	rw	0156
407.0 SWH	Swan Hill	VI	AUS	rw	1319
404.0 KA	Karratha	WE	AUS	rw	1315
404.0 LRD	Lerida	ESP	vm		1930
415.0 SLU	Castries (Saint Lucia)	LCA	vm		0802

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE223 - 400 - 419.9 kHz - 22.09.2017 - 25.09.2017
NOW CLE238 - 400 - 419.9 kHz - 23.11.2018 - 26.11.2018

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, SA rw	1335	1417	13	17	10	12	2547	2651
CAN, BC co	1138	1751	24	53	21	30	2633	5055
CAN, BC sm	1815	2279	69	123	38	54	5112	5036
CAN, NS vm	1440	2172	33	89	23	41	3234	5051
CAN, QC ky	500	1056	6	26	11	25	1512	2921
HWA mx	4617	5248	37	52	8	10	8036	8036
USA, AZ sr	1511	2235	32	152	21	68	3399	4940
USA, CA pa	2096	2028	57	65	27	32	7757	4390
USA, CO ac	996	1391	22	81	22	58	2227	3280
USA, IL dt	1126	1125	70	82	62	73	5026	2776
USA, IL fy	839	1136	30	80	36	70	2972	2972
USA, MO dp	1031	1100	54	77	52	70	4657	2945
USA, NC ws	758	973	9	26	12	27	1761	3121
USA, NE dn	1529	990	21	23	14	23	4047	2166
USA, NH jc	961	1571	28	83	29	53	2706	5106
USA, NJ ge	827	760	15	11	18	15	2324	2324
USA, NJ rs	868	769	11	14	13	18	2201	2201
USA, TX du	1329	1591	73	116	55	73	4099	7357
USA, WA rt	1178	1792	25	63	21	35	2649	4921
USA, WA so	819	1601	9	45	11	28	1382	4907
Averages:	1336	1649	32	64	25	41	3514	4108
% Increase:		23		101		62		17

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CAN, BC bt		2364		99		42		8714
CAN, ON sn		1092		33		30		3473
USA, AZ kw		1678		47		28		3399
USA, CA ha		1793		29		16		3290
USA, CA ir		1766		41		23		4497
USA, IN lm		746		6		8		1538
USA, MA hj		1531		55		36		4238
USA, MI ct		915		29		32		3278
USA, MT sf		1012		21		21		2173
USA, NV p7		1809		29		16		3962
USA, VA mb		1256		72		57		3912
USA, WI zi		1048		49		47		2904
Averages:		1417		42		30		3782
% 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 aerals, 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 aerals, 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.