

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
CAN, BC	co	Dan Collier, Vancouver - while at Univ. ARC
CAN, QC	ky	Richard Katezansky, Main, Montreal
CAN, BC	sm	Steve McDonald, Mayne Island
CAN, NS	vm	Vernon Matheson, Truro
CHN	h2	Hubert Ott, using remote rx at Shenzhen
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
USA, WA	so	Steven O'Kelley, The Dungeon, Nr Seattle
USA, CO	ac	Anthony Casorso, Westminster
USA, FL	cg	Craig Cook, Oviedo
USA, CA	dn	Don Tomkinson, Upland
USA, MO	dp	Dick Palmer, Foristell
USA, IL	dt	Dave Tomasko, Galena
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, IL	fy	Joe Farley, Downers Grove
USA, NJ	ge	George Muha, Cream Ridge
USA, NH	jc	John Collins, Charlestown
USA, UT	m1	Mark Moulding, Portable, while at Manila
USA, CA	pa	Phil Atchley, Merced, Central California
USA, NJ	rs	Bill Riches, Cape May
USA, WA	rt	Tom Rothlisberger, Brier
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, NC	ws	Bill Stewart, Smithfield, 30 miles SE of Raleigh

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).

ITU	QRG	ID	Name	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws
ALS	404.0	GCR	Glacier River' Cordova				13																			
ALS	411.0	ILI	Iliamna				13																			
ALS	414.0	IME	Mount Edgecumbe' Sitka		13		13			07	13													07		
AUS	401.0	ARM	Armidale	11																						
AUS	401.0	MGD	Maningrida	12																						
AUS	404.0	COE	Coen	11																						
AUS	407.0	GDH	Gunnedah	11																						
AUS	407.0	GTE	Groote Eylandt	11																						
AUS	407.0	SWH	Swan Hill	04																						
AUS	407.0	WDH	WINDORAH, Australia	11																						
AUS	413.0	BDV	Birdsville	10																						
AUS	413.0	NBR	Narrabri	11																						
AUS	416.0	PF	Parafield	04																						
CAN	400.0	1L	Fort MacKay/Firebag		08		01				05													08	12	
CAN	400.0	QQ	Comox		08		10			07	05	09		07	11	11					05	10		08	12	
CAN	401.0	Y8	Drummondville			19		01																20		
CAN	401.0	YPO	Peawanuck		08		10	06				06			08	01	08		00	06			08		07	
CAN	402.0	L4	Nipawin		08		11					06				09							11		08	
CAN	402.0	M3	Kindersley		08		11				12	07				11								06		
CAN	403.0	ZTO	Woodhill / Brampton (Toronto)			03		09							07	10	06		01	07	01					
CAN	404.0	YSL	St Leonard			00		06								01	07		06	01			06			
CAN	404.0	ZR	Sarnia												07	10	06									
CAN	405.0	2K	Camrose		08		06				06					10							11		07	
CAN	405.0	9G	Sundre		08		12				05													08		
CAN	406.0	2S	High Prairie		09		12																			
CAN	406.0	YLJ	Meadow Lake		08		05			11	05	08			06	10	06		10				05		07	
CAN	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)			19	10	06							08	10	06		01	01	01		06			10
CAN	408.0	SN	St. Catharines' Saint Catharines					01								10			01	06	09					
CAN	408.0	Z7	Claresholm		08		07				06												11		08	12
CAN	409.0	YTA	Pembroke			00	10	06							07	01	07		00	01	01		08			

USA	418.0 CW	Mossy Lake Charles													01	02	17									
USA	419.0 GB	Babsy' Great Bend													11	06		23								
USA	419.0 RYS	Grosse Ile' Detroit / Grosse Ile					09								08	23	08			07		01		05		
VTN	414.0 CR	Camranh						17																		
XOC	410.0 V7YE8	Rowan Resolute												07			07									
ITU	QRG	ID	Name	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws

COUNTRIES HEARD:

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

ITU	ITU Name	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws		
ALS	Alaska, AK				3																					
AUS	Australia, NN	2						1	1																	
AUS	Australia, NW	3																								
AUS	Australia, QD	3																								
AUS	Australia, SA	1																								
AUS	Australia, VI	1																								
CAN	Canada, AB		6		6				4					2							3		5		2	
CAN	Canada, BC		2		2			1	1	1		1	1	1		1			1	1	1	2		1		
CAN	Canada, NB			1		1								1	1		1	1			1		1			
CAN	Canada, ON		2		3					2			5	6	5	6	5	5			3		2			
CAN	Canada, QC			3		1							2	3	1	2	3				1					
CAN	Canada, SK		4		4				1	2	3		1	3	1	1					2		4			
CHN	China,						5																			
CUB	Cuba,																									
CYM	Cayman Islands,				1	1		1			1	1	1	1	1	1	1	1	1		1	1		1	1	
EQA	Ecuador,													1	1											
MDW	Midway Island,				1			1																		
SMA	Samoa, American,							1													1					
SPM	St Pierre Et Miquelon,					1																				
THA	Thailand,						2																			
TWN	Taiwan,						1																			
USA	USA, AZ				2					2					2					1	2		2		2	
USA	USA, CA		1		1			1	1	1		1	1	1	1	1			1	1	1	1		1	1	
USA	USA, CO				2					2			2	1	1	2			2	2	2		2		2	
USA	USA, GA										1		4	4	4	4										2
USA	USA, IA		1		1	1				1			4	4	4	4			2		1	1	1	1	1	
USA	USA, IL												2	2	2	1	2									
USA	USA, IN			1		2							2	2	2	2	2		1			1				1
USA	USA, KS				2								2	3	4	4	1				2					
USA	USA, LA									1			3	2	3	2					3		2		1	
USA	USA, MA			1		1																				
USA	USA, MD																				1					
USA	USA, MI			1	1	3							3	3	1	3	2				2		1			
USA	USA, MN				3								3	4	1	3					1					
USA	USA, MO												2	2	2	1	2									
USA	USA, MS												1	1	1	1										
USA	USA, MT		2		2				1	1		1	1	1	1				1		2		2		2	
USA	USA, NC													2	2	2										
USA	USA, NE		1		1						3	1	2	3	4	2	1	1	2		3		2		1	3
USA	USA, NM				1						2	2	2	2	2	2					2				2	
USA	USA, NY			1		3								1	1											
USA	USA, OH					1							1	2	1	1					3	3		1		
USA	USA, OK												1	1	1	1									1	
USA	USA, SC													1	2	2					1					2
USA	USA, TX												2	2	2	2									1	1
USA	USA, WA		1		1			1	1	1		1		1	1						1		1		1	
USA	USA, WI					1							2	2	2	2										
VTN	Vietnam,						1																			
XOC	Int Waters: C.America / Carribean,												1		1											1

LISTENING TIMES:

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

UTC (hh)	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws		
00:00 - 00:59			2		4							3	13	1	5					1					6
01:00 - 01:59				1	2							5	6												
02:00 - 02:59			1		1													1					1		
03:00 - 03:59			2											1	1										
04:00 - 04:59	2																	3							
05:00 - 05:59				1	1			6			2							2		3					

06:00 - 06:59				2	6			2	6			5		26		6			2	8			
07:00 - 07:59				1	1			4	1			7		12		6			1	1	6		
08:00 - 08:59		13		2	2				1	2		4		8					2	2	5		
09:00 - 09:59		5	2						1			1		1					7	2			
10:00 - 10:59	1				15			3	9					13		9			4	1		1	
11:00 - 11:59	6				8			1	1					2		3			5				
12:00 - 12:59	1				3				4					10					1				
13:00 - 13:59		1			4				1										4				
14:00 - 14:59					1				1										5				
16:00 - 16:59							1						7									18	
17:00 - 17:59							7							14									
18:00 - 18:59														1		6	2						
19:00 - 19:59				4									1										
20:00 - 20:59							1							1						2			
23:00 - 23:59													1		2								
UTC (hh)	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws
Totals	10	21	11	38	23	9	8	11	22	2	14	52	62	55	36	18	29	6	27	13	21	21	12

NDB COUNTS, BY FREQUENCY:

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

QRG	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws
400.0		2	2	7	3		2	2	3		2	12	11	9	6	3	4	2	4	2	2	5	2
401.0	2	1	1	1	2				1			1	2	1	1	2	2		1	1	1		
402.0		2	1	2	2	2		1	3		1	1	3	1	1	1	1		2	2	1	1	1
403.0			1	1	1		1	1	1		1	1	1	2	1	1	1	1	1	1	1	1	1
404.0	1	1	1	3	1		1	1	1		1	4	7	5	3	1	2	1	1	1	1	1	1
405.0		2		2		1		2					1	1					1	2	2		
406.0		2		2			1	1	1			1	1	1	1				1	1	1		
407.0	4		1	4	4				2		3	7	8	9	6	4	5	1	2	2	1	2	2
408.0		2		3	1		1	2	2		2	1	3	2	2	1	1		3	2	2	3	
409.0			1	1	1							1	1	1	1	1	1		1	1			
410.0		2		3	2	1			1		1	6	4	4	4	1	3	1	1	1	2	1	2
411.0				1								1	1	1	1	1			1	1	2		
412.0												1	2	2	1		2						1
413.0	2	1	1	1	1				1			2	1	2	1	1	1		1	1	1		
414.0		5	1	6	1	2	1	2	4	1	2	6	8	6	4	1	2		4	1	4	5	
415.0				1	1	2	1			1	1	2	2	2	1	1	1		1	1		1	1
416.0	1					1			1				1	1					1	1			
417.0		1	1		2				1			3	3	3	2		2		1	2	1	1	2
418.0												1	1	1									
419.0					1							1	2	2	1	1	1			1			
QRG	AUS rw	CAN co	CAN ky	CAN sm	CAN vm	CHN h2	HWA mx	USA so	USA ac	USA cg	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA m1	USA pa	USA rs	USA rt	USA sr	USA ws

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	ITU	Reporter	UTC
414.0	CSS	Court House' Washington Court House	USA	USA dt	0056
402.0	P	Haikou	CHN	CHN h2	1659
402.0	RQ	Ningshan	CHN	CHN h2	1703
405.0	D	Quanzhou - Jinjang	CHN	CHN h2	2045
415.0	H	Ganzhou	CHN	CHN h2	1706
416.0	Q	Shenzhen/Baoan	CHN	CHN h2	1707
410.0	SK	Songkhla	THA	CHN h2	1703
414.0	UP	Rayong/U-Taphao Int.	THA	CHN h2	1704
415.0	KW	Hengchun	TWN	CHN h2	1709
414.0	CR	Camranh	VTN	CHN h2	1704
401.0	ARM	Armidale	AUS	AUS rw	1150
401.0	MGD	Maningrida	AUS	AUS rw	1257
404.0	COE	Coen	AUS	AUS rw	1147
407.0	GDH	Gunnedah	AUS	AUS rw	1137
407.0	GTE	Groote Eylandt	AUS	AUS rw	1144
407.0	SWH	Swan Hill	AUS	AUS rw	0422
407.0	WDH	WINDORAH, Australia	AUS	AUS rw	1140
413.0	BDV	Birdsville	AUS	AUS rw	1039
413.0	NBR	Narrabri	AUS	AUS rw	1127
416.0	PF	Parafield	AUS	AUS rw	0423
404.0	GCR	Glacier River' Cordova	ALS	CAN sm	1330
411.0	ILI	Iliamna	ALS	CAN sm	1330
402.0	MQ	Miquelon (Grande Miquelon)	SPM	CAN vm	0120

402.0 UIA	Camaguey	CUB	USA	ws	0940
400.0 LKR	Lancaster	USA	USA	ws	0024

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE208 - 400 - 419,9 kHz - 01.07.- 04.07.2016
 NOW CLE223 - 400 - 419,9 kHz - 22.09. - 25.09.2017

Listener	Av km	Av km	Total km	Total km	NDBs	NDBs	Max km	Max km
	THEN	NOW	x 1000	x 1000	THEN	NOW	THEN	NOW
CAN, BC sm	1631	1815	46	69	28	38	5038	5112
CAN, QC ky	404	500	4	6	10	11	1126	1512
HWA mx	3442	4617	10	37	3	8	4218	8036
USA, AZ sr	585	1511	4	32	7	21	1481	3399
USA, CA dn	1094	1529	11	21	10	14	1841	4047
USA, CO ac	1023	996	20	22	20	22	1912	2227
USA, FL cg	632	694	4	1	6	2	1010	1006
USA, IL dt	829	1126	29	70	35	62	2710	5026
USA, IL fy	716	839	24	30	33	36	170	2972
USA, MO dp	759	1031	25	54	33	52	2382	4657
USA, NH jc	985	961	30	28	30	29	2881	2706
USA, NJ ge	775	827	12	15	16	18	1841	2324
USA, TX du	771	1329	14	73	18	55	2072	4099
Averages:	1050	1367	18	35	19	28	2206	3625
% Increase:		30		96		48		64

Listener	Av km	Av km	Total km	Total km	NDBs	NDBs	Max km	Max km
	THEN	NOW	x 1000	x 1000	THEN	NOW	THEN	NOW
AUS, SA rw		1335		13		10		2547
CAN, BC co		1138		24		21		2633
CAN, NS vm		1440		33		23		3234
CHN h2		936		8		9		2224
USA, CA pa		2096		57		27		7757
USA, NC ws		758		9		12		1761
USA, NJ rs		868		11		13		2201
USA, UT m1		806		5		6		1538
USA, WA rt		1178		25		21		2649
USA, WA so		819		9		11		1382
Averages:		1137		19		15		2793
% 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 aeriels, 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 lower 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 aeriels, 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.