

**NDB LIST CLE No. 221 370 - 384.9 kHz Friday 28 July - Monday 31 July, 2017**

**COMBINED RESULTS**  
**RWW**

For overall statistics, please see the covering email.

**Reporters:**

**AUS** et Edgar Twining, Moonah  
**AUS** rw Bob Warren, Blakeview  
**CAN** bt Brian Butler, Hazelton  
**CAN** co Dan Collier, Vancouver - while at Univ. ARC  
**CAN** sm Steve McDonald, Mayne Island  
**CAN** vm Vernon Matheson, Truro  
**HWA** mx Mike Tuggle, Kaneohe, Hawaii  
**USA** so Steven O'Kelley, The Dungeon, Nr Seattle  
**USA** ac Anthony Casorso, Westminster  
**USA** c9 Christoph Mayer, using remote Perseus at Stanford  
**USA** cg Craig Cook, Oviedo  
**USA** ch Chuck Dobbins, Alpine  
**USA** dn Don Tomkinson, Upland  
**USA** dp Dick Palmer, Foristell  
**USA** dt Dave Tomasko, Galena  
**USA** du Douglas Springfield, New Chapel Hill, NE Texas  
**USA** fy Joe Farley, Downers Grove  
**USA** ge George Muha, Cream Ridge  
**USA** jc John Collins, Charlestown  
**USA** pa Phil Atchley, Merced, Central California  
**USA** sr Steve Ratzlaff, Near Sahuarita, SE Arizona

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 et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr
ALS	379.0	IWW	Wildwood' Kenai					10					11											
ALS	382.0	JNR	North River' Unalakleet							12			11											
AUS	371.0	HUG	Hughenden	11	10					12														
AUS	371.0	WHA	Whyalla	11	10																			
AUS	372.0	GIG	Gingin	11	10																			
AUS	374.0	BML	Bromelton	11	10					12														
AUS	374.0	WLG	Walgett	11	10																			
AUS	377.0	LEO	Leonora	11	10																			
AUS	377.0	ROM	Roma	11	10					12														
AUS	377.0	WP	Weipa	11																				
AUS	380.0	COR	Corowa	11	10																			
AUS	380.0	SU	Sunshine Coast	11	10					12														
AUS	383.0	BTH	Bathurst	11	10																			
AUS	383.0	SGE	St. George		10																			
AUS	383.0	WLU	Wiluna	11	10																			
AZR	380.0	FIL	Horta / Faial Island						02															
CAN	370.0	YBV	Berens River					10			08	04			09	07		09	09	04		08		
CAN	371.0	GW	Jarpik Kuujuarapik					09	03		08		06					02		04	07	01		



USA	380.0 OEL	Oakley									06				09	07			10	09	05			10
USA	380.0 UMB	Culvr' Milledgeville													09					10	09			
USA	381.0 MNI	Manning																				05		
USA	381.5 SJX	St James' Beaver Island																		17		18	02	
USA	382.0 AW	Waton' Arlington			05	11	10			08			12											
USA	382.0 BT	Herro' Burlington							08														01	
USA	382.0 IRS	Sturgis							02						09			03	17	09	18		09	
USA	382.0 MW	Jonny' Marion														03	10	08	10	08	04			
USA	383.0 CNP	Chappell					10				02	07		09	07	03	10	09	03					10
USA	383.0 LB	Panck' Liberal																						
USA	383.0 PI	Tyhee' Pocatello					08			08	07	06			07		10	09				04		11
ITU	QRG	ID	Name	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr

**COUNTRIES HEARD:**

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

ITU	ITU Name	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr	
ALS	Alaska, AK					1		1			2												
AUS	Australia, NW	3	3																				
AUS	Australia, QD	5	5					4															
AUS	Australia, SA	1	1																				
AUS	Australia, WE	3	3																				
AZR	Azores,						1																
CAN	Canada, AB			1	1	1			1	1	1						1						
CAN	Canada, BC			4	4	3			4	4	4			4			1				3		3
CAN	Canada, MB					1			1	1	1		1	2		2	1	1		1			
CAN	Canada, NL						1																
CAN	Canada, NT			1	1	1			1														
CAN	Canada, NU					1					1												
CAN	Canada, ON					1	5			1			3		1	6	2	6	1	7			
CAN	Canada, QC					1	5		1		1					5		4	3	5			
CAN	Canada, SK					1			1		1					1							
CAN	Canada, YT					1					1												
GRL	Greenland,						1																
HWA	Hawaii, HI							1															
INS	Indonesia,		1																				
MEX	Mexico,													1	1								1
NZL	New Zealand,	2																					
OCE	Society Islands (Tahiti),										1												2
TUA	Tuamotu Archipelago,																						1
USA	USA, AR																1						
USA	USA, CA					1					1			1							1		1
USA	USA, GA											1	2			1	3	2	1				
USA	USA, ID					1			1	1	1			1		1	1			1			1
USA	USA, IL														3	3	2	3					
USA	USA, KS									2	1		2	2		2	3	2					2
USA	USA, LA												2	2		2	3	2					2
USA	USA, MI						1						1		2	4	1	4		3			
USA	USA, MN					2							1		1	4	2	3		3			
USA	USA, MT			1	1	1			1	1	1			1	1	1	1			1			1
USA	USA, NC											1			1	1	1	1	1		1		1
USA	USA, NE					1				1	1			1	1	1	1	1		1			1
USA	USA, OH						2								1	2	2	2			2		
USA	USA, OR			1	2	2			1		2			2								2	2
USA	USA, PA																				1		
USA	USA, SC																						
USA	USA, TN												1		1	1	1	1					
USA	USA, TX										1		2	1	1		2						1
USA	USA, VA						1														1		
USA	USA, VT						1														1		
USA	USA, WA			2	2	2			2		2												1
USA	USA, WI														1	1		1			1		

USA	USA, WY					2				1	2			2	1	1	1	1			1	2
ITU	ITU_Name	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr

**LISTENING TIMES:**

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

UTC (hh)	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr
01:00 - 01:59						8									6		3	1	12		
02:00 - 02:59			1			2			1						4				2		
03:00 - 03:59						3		3						12			4				
04:00 - 04:59									2								6			6	
05:00 - 05:59			8			1			1				1	2			13			3	
06:00 - 06:59			1			1			3	15			4								
07:00 - 07:59				2	2				2	3			5			1					
08:00 - 08:59				4	4	3		11		3	2	2	1	3		2		6	2	4	
09:00 - 09:59					3							16	2		6	19			6		
10:00 - 10:59		12			10								5		16	1					5
11:00 - 11:59	14			5	4					3							1				13
12:00 - 12:59							5			1					1						3
17:00 - 17:59															8	3					
18:00 - 18:59																	7				
19:00 - 19:59																	1				
20:00 - 20:59		1																			
22:00 - 22:59							1														
23:00 - 23:59					1																
UTC (hh)	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr
Totals	14	13	10	11	24	18	6	14	9	25	2	18	18	17	41	28	35	7	26	9	21

**NDB COUNTS, BY FREQUENCY:**

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

QRG	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr
370.0					1			1	1			1	1		1	1	1		1		
371.0	2	2	2	2	3	1	1	3	1	3		2	1	4	6	3	4	1	3	1	3
372.0	1	1			2	1		1		1	1				1	1	1		2		
373.0				1	1	2	1						1		2	2	2	1	2	1	1
374.0	2	2	1	1	2	2	1	1		2			2		2	2	1		1	2	2
375.0		1	1	1	2	2		1		3		3	2	3	5	5	4	1	2		2
376.0			1	1	1	1		1	1	1		1		1	4	2	3	1	2		1
377.0	3	2				1	1		1	1		1	1		2	1	2		1		1
377.5										1											1
378.0	1		2	2	3	2		2		3			2		1		1	1	1	2	1
379.0					3	2				1	1	4		4	6	6	6	1	4		1
380.0	2	2			1	1	1		2	2		2	3	1	2	3	2		1		2
381.0																	1				
381.5															1		1		1		
382.0	1		3	3	3	4	1	3	1	4		3	3	3	5	3	5	1	5	1	3
383.0	2	3			2			1	2	2		1	2	1	2	3	1			1	2
384.0						1									1				1		1
QRG	AUS et	AUS rw	CAN bt	CAN co	CAN sm	CAN vm	HWA mx	USA so	USA ac	USA c9	USA cg	USA ch	USA dn	USA dp	USA dt	USA du	USA fy	USA ge	USA jc	USA pa	USA sr

**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)



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 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 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.