

**NDB LIST CLE No. 169 335 - 349.9 kHz 26 - 29 Apr 2013, midday-midday local time**

**COMBINED RESULTS  
REST OF THE WORLD**

For overall statistics, please see the covering email.

**Reporters:**

AUS	TA	<b>rw</b>	Bob Warren, New Norfolk
CAN	BC	<b>sm</b>	Steve McDonald, Mayne Island
CAN	BC	<b>to</b>	Tom Mitchell, Comox, Vancouver Island
CAN	ON	<b>ku</b>	Marc Kulbacki, Windsor
HWA		<b>mx</b>	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	<b>bc</b>	Bob Coomler, Tucson
USA	CA	<b>dn</b>	Don Tomkinson, Upland
USA	CA	<b>gm</b>	Marc Goldman, Seaside
USA	CA	<b>pa</b>	Phil Atchley, Merced, Central California
USA	CO	<b>ac</b>	Anthony Casorso, Westminster
USA	FL	<b>cg</b>	Craig Cook, Oviedo
USA	IL	<b>dt</b>	Dave Tomasko, Galena
USA	IL	<b>gh</b>	Garry Hess, Elgin
USA	MA	<b>hj</b>	Jonathan Jesse, Plymouth
USA	MI	<b>jb</b>	Joe Miller, Troy
USA	MN	<b>gs</b>	George Sherman, Apple Valley
USA	MO	<b>dp</b>	Dick Palmer, Foristell
USA	NC	<b>dw</b>	Don Ward, Raleigh
USA	NE	<b>ru</b>	Rick Dau, Ralston, Omaha
USA	NH	<b>jc</b>	John Collins, Charlestown
USA	NJ	<b>ge</b>	George Muha, Cream Ridge
USA	NJ	<b>rs</b>	Bill Riches, Cape May
USA	OR	<b>mc</b>	Mark McCarthy, Portland
USA	OR	<b>sr</b>	Steve Ratzlaff, La Grande, NE Oregon
USA	TX	<b>ch</b>	Chuck Dobbins, Alpine
USA	TX	<b>du</b>	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	<b>mu</b>	Mark Moulding, Ogden, Northern UT
USA	WA	<b>gd</b>	Gary DeBock, Puyallop
USA	WA	<b>rt</b>	Tom Rothlisberger, Brier

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 'at' symbol )

**BEACONS HEARD:**

**Beacons are shown in kHz order within each Country and State/Province**

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.  
(e.g. 08 indicates logged between 08:00-08:59 UTC)  
Any Offshore NDBs and UNIDs appear at the end of the list.



USA FL	335	LEE	Leesburg								07				05																																		
USA FL	336	RS	Fort Meyers												03							05																											
USA FL	341	FM	Fort Myers												03																																		
USA FL	344	JA	Jacksonville				02				09	08	09	06	07		05			17	02	08	03			10	09																						
USA FL	349	AAF	Apalachicola									08		06	05							02							04																				
USA GA	335	AWS	Columbus									07	09	05															05																				
USA GA	335	SV	Savannah									03																	01																				
USA GA	338	CYR	Cairo									09																	04																				
USA GA	339	OP	Thomaston				09							07	05														04																				
USA GA	340	JES	Jesup									03			05														04																				
USA GA	341	AA	Cedar																										07																				
USA GA	344	FT	Atlanta																										00																				
USA GA	344	IWJ	Blakely				05					08		20															05																				
USA GA	347	AJR	Cornelia									03		09												00		09	05																				
USA IA	338	SHL	Sheldon								09		17	10			10	10	07	00							10	05																					
USA IA	341	DB.	Dubique																										08																				
USA IA	341	FO	Fort Dodge														06	17	08	00									09																				
USA IA	344	DS	Des Moines																00	07	00							11																					
USA IA	345	PUF	Estherville																										06																				
USA IA	348	MC	Mason City														10		07										09																				
USA ID	347	LEN	Leeny		06	08																					09	04			06																		
USA IL	347	MT	Mattoon Charleston										18	18				17	07												06																		
USA IN	338	UMP	Indianapolis				23					09		17	17		00	17	03		08								09																				
USA IN	341	SB	South Bend				06																							08																			
USA IN	349	FV	Indianapolis				23													01		08								09																			
USA KS	338	HIL	Great Bend																											09																			
USA KS	338	JZ	Lawrence									09		05																09																			
USA KS	341	OIN	Oberlin		10					05							10	10	02	00							03	06	10	09	04																		
USA KS	347	GC	Garden City																											09																			
USA KY	340	GN	Lexington				02																							05																			
USA LA	335	OPL	Opelousas															10	08										10	17																			
USA LA	338	MS	New Orleans																										04																				
USA LA	344	TKH	Vicksburg				09				09		09	20					05	03									10	19																			
USA LA	347	MKV	Marksville				09				09		09	01					03										10	19																			
USA MA	342	HY	Hyannis Bogey																																														
USA MA	346	LI	Boston																																														
USA MD	349	APG	Aberdeen Proving Grnds																																														
USA ME	348	BUP	Pittsfield																																														
USA MI	336	MA	Cadillac										09	17																06																			
USA MI	338	DE	Detroit				23						00	17	07	00						08								06			08																
USA MI	341	LDM	Ludington				07							18	18														01		08																		
USA MI	344	ES	Escahaba											10																06																			
USA MN	335	COQ	Cloquet																														09																
USA MN	337	FF	Fergus Falls		05																													09															
USA MN	341	DXX	Dawson Madison																											10																			
USA MN	342	PFT	Pinecreek		05						09		09	06																09																			
USA MN	342	ST	St Cloud																										06																				
USA MN	346	GHW	Glenwood																										10																				
USA MO	338	LM	St Louis											17	17																			05															
USA MO	344	JL	Joplin																																05														
USA MO	344	MK	Kansas City																																														
USA MS	346	THJ	Laurel				09						08		09															05	01				09														
USA MS	349	GW	Greenwood				09				09	07	09	03																05	04				08	09													
USA MT	335	CVP	Helena		06	07			08		04			09	10	10														10				08	02	10	06	04	07	06									
USA MT	339	MKR	Glasgow Milk River		06	07					09		09	07																10	10	06				08	04	09	05	04	06	06							
USA MT	344	BKU	Baker		06	07	09				09		09	06																10	06					09	04	10	09	04	06	06							
USA MT	347	SBX	Shelby																																														
USA NC	336	MCZ	Williamston																											03		05	07					17		08	08	06			05				







**NDB COUNTS, BY FREQUENCY:**

The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

NDBs	kHz	AUS TA rw	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ bc	USA CA dn	USA CA gm	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL gh	USA MA hj	USA MI jb	USA MN gs	USA MO dp	USA NC dw	USA NE ru	USA NH jc	USA NJ ge	USA NJ rs	USA OR mc	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA gd	USA WA rt
20	335	1	3	1	4		2	3	1	3	6	3	10	7	4	1	3	4	12	1	4	2	1	2	3	8	9	2	1	3
6	336	1			1					1	1	1	2	4	3			1	5		3	1	1		1	1	1	3		1
2	337		2								2		2	2			1		1						1					1
24	338	2	3	2	4		1	1		2	9	2	9	14	6	3	2	4	14	1	6		1	3	4	8	16	1	1	3
6	339		1	1	1	1				1	1	1	2	3	2		1	1	3		1			1	1	1	2	1		1
6	340				2						1	1	2	2	4	1	1	1	6		1	1	1			1	5			
26	341	3	3	1	6	2	2	1		2	9		11	9	5	1	4	8	18	3	5	1	1	2	6	6	11	2	1	2
3	342		1								1		2	1	1		1		2		1			1	1	1				
5	343			1		1				1	2		3	2	1			1	2		1			1	1	1	3	1	1	1
23	344		4	5	5	2	1	4	2	5	7	3	10	14	5		2	7	18	1	5	1	3	6	6	10	12	5	3	5
2	345		1								2		2	1				1						1	1					
8	346		2	2	2						1	1	2	2	4	1	2	2	5		3	1	1	2	2	1	3	1		1
16	347	2	3	2	2			1		1	5	2	7	7	1		2	2	9	1	1			2	3	4	9	1	1	2
5	348		2	1						1	1		2	2	2		1		3		2			1	2	1	3	1	1	1
5	349				2						2	2	2	3	4			1	4		2	1	1			1	3			

**MOBs**

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

kHz	C/S	Location	St	ITU	Rptr	UTC
338	HIL	Great Bend	KS	USA	ch	09:58
344	ML	Mc Alester	OK	USA	du	19:09
347	HLR	Killeen Fort Hood	TX	USA	du	19:23
340	OIA	Oiapoque (AP)	-	BRA	dw	04:00
339	UJM	Havana	-	CUB	dw	03:30
338	GGY	Gragg-Wade Clanton	AL	USA	dw	07:10
341	FM	Fort Myers	FL	USA	dw	03:30
344	FT	Atlanta	GA	USA	dw	00:45
341	AA	Cedar	GA	USA	dw	07:15
338	YN	Youngstown Warren	OH	USA	dw	05:10
335	FL	Florence	SC	USA	dw	17:26
335	MK	Marion	VA	USA	dw	00:30
346	LW	Lewisburg	WV	USA	dw	00:45
349	1E	Black Tickle	NL	CAN	hj	00:22
346	1D	Charlottetown	NL	CAN	hj	07:02
335	FK	Deer Lake / Junction	NL	CAN	hj	07:37
341	YCS	Chesterfield Inlet	NU	CAN	hj	07:40
339	BSF	Camp Pohakuloa	-	HWA	mx	22:00
343	ML	Minami Tori Shima	-	MTS	mx	13:32
347	SBX	Shelby	MT	USA	pa	04:06
335	YAS	Yass	NW	AUS	rw	08:26
341	ECH	Echuca	NW	AUS	rw	08:29
347	RIC	Richmond	NW	AUS	rw	08:30
341	TW	Tamworth	NW	AUS	rw	08:49
338	MA	Mount Isa	QD	AUS	rw	18:34
341	CBP	Coober Pedy	SA	AUS	rw	09:48
338	ROC	Rockdale	VI	AUS	rw	08:28
347	NSM	Norseman	WE	AUS	rw	18:40
kHz	C/S	Location	St	ITU	Rptr	UTC

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE149 335 - 349.9 kHz 25 - 28 Nov 2010  
 NOW: CLE169 335 - 349.9 kHz 26 - 29 Apr 2013

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
USA AZ bc		758		5		6		1249
USA CA gm		572		2		3		1380
USA CA pa		1571		27		17		3312
USA FL cg		561		8		15		1046
USA IL gh		1080		79		73		2814
USA MA hj		1122		47		42		2719
USA MI jb		526		4		7		1334
USA NE ru		383		3		7		1236
USA NJ ge		959		8		8		1751
USA NJ rs		1122		11		10		2291
<b>Averages:</b>		<b>865</b>		<b>19</b>		<b>19</b>		<b>1913</b>

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
AUS TA rw	1027	1455	7	12	7	8	1886	2558
CAN BC sm	2063	1442	101	39	49	27	6719	2918
CAN BC to	1810	1037	65	17	36	16	5117	2347
CAN ON ku	904	876	53	25	59	29	2561	1742
HWA mx	4122	3682	41	22	10	6	5141	4928
USA CA dn	2178	1266	46	13	21	10	8390	1997
USA CO ac	1398	1233	117	62	84	50	4962	3317
USA IL dt	1152	934	131	64	114	68	4467	2583
USA MN gs	842	760	34	15	40	20	1946	1946
USA MO dp	1040	966	96	31	92	32	2972	2547
USA NC dw	1400	1254	175	129	125	103	4637	4493
USA NH jc	1260	899	59	31	47	35	4939	2795
USA OR mc	1722	1216	50	24	29	20	7611	2997
USA OR sr	2177	1369	174	44	80	32	10136	3299
USA TX ch	1551	1578	51	71	33	45	3843	4296
USA TX du	1507	1315	185	105	123	80	4496	3746
USA UT mu	1343	1041	32	16	24	15	3488	1837
USA WA gd	1076	906	16	8	15	9	2250	1881
USA WA rt	1405	1217	38	26	27	21	2895	2879
<b>Averages:</b>	<b>1578</b>	<b>1287</b>	<b>78</b>	<b>40</b>	<b>53</b>	<b>33</b>	<b>4656</b>	<b>2900</b>
<b>% Increase:</b>		<b>-18</b>		<b>-49</b>		<b>-38</b>		<b>-38</b>

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 they 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 table shows statistics for all the 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.

**TAB's Trans-Atlantic Beacons**

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

kHz	C/S	Location	ITU	DEU hw	ENG bk	HOL rb
339	YFT	Makkovik, NL	CAN			00
340	YY	Mont Joli, QC	CAN	03	04	02