

**NDB LIST CLE No. 109 400 - 419.9 kHz 26 - 29 Sept. 2008 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	NS	<b>vm</b>	Vernon Matheson, Greenfield, Truro
KOR		<b>fm</b>	Fred Mooney, Seoul, Korea
USA	AZ	<b>dp</b>	Dick Palmer, Green Valley
USA	CA	<b>bc</b>	Bob Coomler, Cloverdale
USA	CA	<b>dn</b>	Don Tomkinson, Upland
USA	CA	<b>mh</b>	Mark Harms, San Jose
USA	CA	<b>pa</b>	Phil Atchley, Merced, Central California
USA	GA	<b>jx</b>	Jim McClanahan, Bowdon Junction (west of Atlanta)
USA	IL	<b>dt</b>	Dave Tomasko, Galena
USA	MN	<b>pf</b>	Paul LaFreniere, Grand Marais
USA	NC	<b>dw</b>	Don Ward, Raleigh, NC
USA	NE	<b>bh</b>	Bill Hohnstein, Nr.Lincoln
(NB: CLE receptions made before 0330z on 27Sept2008 were made from EN10nf, near Beatrice, NE).			
USA	OR	<b>jw</b>	Jack Woods, Waldport, Oregon coast
USA	OR	<b>sr</b>	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	<b>al</b>	Al Burzynski, San Antonio
USA	TX	<b>du</b>	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	<b>mu</b>	Mark Moulding, Ogden
USA	WA	<b>kv</b>	Kevin Schanilec, Bainbridge Island, near Seattle

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 ( cle'at'beaconworld.org.uk  
- replace the 'at' by an '@' symbol)

**BEACONS HEARD:** Beacons are shown in kHz order within each Country and State/Province  
UNIDs appear at the end of the list.









USA	OK	400	AI	Ardmore				7					11		9	1			11	17				
USA	OK	406	OK	Tulakes Tuloo				8					11		7	22				11	18			
USA	OK	411	HDL	Holdenville				8	10			4	11		6	22			3	11	18	10		
USA	OR	411	RD	Redmond				8	11	12	6	3		10				12	3		6	3	2	
USA	PA	407	RV	Reedsville											6									
USA	PA	410	CYE	Wilkes Barre											1									
USA	SC	404	CKI	Kingstree									1		0									
USA	SC	408	LQK	Lake Kiowee Pickens											0									
USA	SC	414	FDW	Winnsboro											1									
USA	SD	400	MDS	Madison				7					17	1	11	22			4		9			
USA	SD	407	RVB	Mobridge				12					10			5			3		11			
USA	TN	403	BPO	Oneida Piney Grove									2		6						9			
USA	TN	404	BAV	Bolivar											1						4			
USA	TN	410	TIQ	Paris									12		1						11			
USA	TN	414	JUE	Lebanon								0	11		1	4			4		2			
USA	TX	400	ROB	Waco											11	3				17	17			
USA	TX	403	MFS	Marble Falls				12								4				17	2			
USA	TX	404	ABG	Big Sandy												2					18			
USA	TX	405	LR	Laredo				12							7	7				17	2			
USA	TX	410	GG	Longview											8						18			
USA	TX	410	OIP	Eastland																17	18			
USA	TX	412	BWR	Brewster				1				4								10	2			
USA	TX	413	CBC	Anahuac																11				
USA	TX	414	DUX	Dumas				12								4								
USA	WA	408	MW	Moses Lake				12	11	12	5	3		10	7	6		13	3		6	3	2	
USA	WI	400	MS	Madison										17	2						9			
USA	WI	407	AQ	Appleton		8								17	6	4					9			
USA	WI	410	MK	Milwaukee										17	8	2								
USA	WI	412	CMY	Sparta				9						18	8	2					10			
VUT	-	412	SON	Santo Pekoia														12	12					
XUA	-	409	CL	(UNID)				14																
XUA	-	414	TU	(UNID)				14																
XUU	-	402	C.	(UNID)				1			5													
<b>Cou</b>	<b>St</b>	<b>kHz</b>	<b>Call</b>	<b>Location</b>	<b>AUS</b>	<b>CAN</b>	<b>KOR</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>
					<b>TA</b>	<b>NS</b>	<b>fm</b>	<b>AZ</b>	<b>CA</b>	<b>CA</b>	<b>CA</b>	<b>CA</b>	<b>GA</b>	<b>IL</b>	<b>MN</b>	<b>NC</b>	<b>NE</b>	<b>OR</b>	<b>OR</b>	<b>TX</b>	<b>TX</b>	<b>UT</b>	<b>WA</b>	
					<b>rw</b>	<b>vm</b>		<b>dp</b>	<b>bc</b>	<b>dn</b>	<b>mh</b>	<b>pa</b>	<b>jx</b>	<b>dt</b>	<b>pf</b>	<b>dw</b>	<b>bh</b>	<b>jw</b>	<b>sr</b>	<b>al</b>	<b>du</b>	<b>mu</b>	<b>kv</b>	

**COUNTRIES and STATES / PROVINCES HEARD:**

Shows the number of NDBs in each radio country that were logged by each reporter.

Cou	Country	St	AUS TA rw	CAN NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv
ALS	Alaska (US State)	-					3									3	3				
AUS	Australia	NW	6																		
AUS	Australia	QD	3																		
AUS	Australia	SA	1																		
AUS	Australia	VI	2																		
AUS	Australia	WE	1																		
BRA	Brazil	-												1							
CAN	Canada	AB				3	4		2	4		3		1	3	1	4		1	1	3
CAN	Canada	BC				1	1	1	1	1		1		1	1	1	1	1	1	1	1
CAN	Canada	NB		1								1		1	1		1		1		
CAN	Canada	ON		4		3	2		1	3		7	4	7	7		6		6	1	2
CAN	Canada	QC		4								3	1	4	2		1		1		
CAN	Canada	SK				2	3		2	1		4	1	3	5	1	5		1	2	3
CHN	China (PRC)	-			6																
CLM	Colombia	-												2					1		
CUB	Cuba	-												1					1		
CYM	Cayman Is.	-		1		1	1				1	1		1	1		1	1	1		
JPN	Japan	-			1																
MDW	Midway Is.	-															1				
MEX	Mexico	-				1	1		1	1										1	
RSE	Russia (East)	-			1																
SMA	Samoa, American	-														1	1			1	
SPM	St Pierre et Miquelon	-		1																	
TWN	Taiwan (ROC)	-			1																
USA	USA	AL												1					1		
USA	USA	AR										1		1	1				1		
USA	USA	AZ				3	3	3	1	3					1	1	3	1	2	3	
USA	USA	CA				1	1	1	1	1		1		1	1	1	1	1	1	1	1
USA	USA	CO				3	3			3		2		2	3	1	3	2	3	3	
USA	USA	FL												2					1		
USA	USA	GA									2	5		8					6		
USA	USA	IA		1		2				1		6	1	5	6		3		5	1	
USA	USA	IL										2		2							
USA	USA	IN		2							2	3	1	3	2		2		2		
USA	USA	KS		1		5	2			2		4		6	7		4	6	6	2	

USA	USA	KY										1		2	1				1			
USA	USA	LA				4					1	3		5	5			3	4	5		
USA	USA	MA		2										2								
USA	USA	MD												2								
USA	USA	MI		2							1	3	3	3	2			1		1		
USA	USA	MN										2	2	2	2			1				
USA	USA	MO										4		3	3						4	
USA	USA	MS										1		1	1						1	
USA	USA	MT		1		4	4			2	4	2	1	1	4	1	4		2	3	3	
USA	USA	NC		1							1	3		5				1		1		
USA	USA	ND													1							
USA	USA	NE				4	1					5		5	5			4	1	5		
USA	USA	NM				3	2				2	1		1	3			3	3	3	2	
USA	USA	NY		3										5						1		
USA	USA	OH		3							2	4		4	3					4		
USA	USA	OK				3	1				1	3		3	3			1	3	3	1	
USA	USA	OR				1	1	1	1	1		1				1	1		1	1	1	1
USA	USA	PA												2								
USA	USA	SC										1		3								
USA	USA	SD				2						2	1	1	2			2		2		
USA	USA	TN									1	3		4	1			1		4		
USA	USA	TX				4					1			3	5			6		7		
USA	USA	WA				1	1	1	1	1		1		1	1	1	1	1		1	1	1
USA	USA	WI		1		1						4		4	3					3		
VUT	Vanuatu	-															1	1				
XUA	(UNID)	-			2																	
XUU	(UNID)	-			1					1												
Cou	Country	St	AUS TA rw	CAN NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv	

**LISTENING TIMES:**

Shows the number of NDBs logged by each reporter during the time periods shown.

UTC (hh)	AUS TA rw	CAN NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv	
00:00 - 00:59									2	3		14	3							
01:00 - 01:59		2		5						17	4	18	9				4			



02:00 - 02:59				3				7		4	2	4	12		11		15		8
03:00 - 03:59				3				11				8	5		28		3	13	4
04:00 - 04:59								7				5	6		10		18	1	2
05:00 - 05:59							7	5			1	6	9		4				
06:00 - 06:59							3	1			2	24	17		4		9		1
07:00 - 07:59				7			1					8	3		1		5		
08:00 - 08:59		11		17		2	1				6	8					2		
09:00 - 09:59		4		4		2	2		3			6					17	4	
10:00 - 10:59					9				4	28		6				5	2	5	
11:00 - 11:59				2	18				1	14		4		4		19	6	2	
12:00 - 12:59				12	7	3				1			2	5	5	1			
13:00 - 13:59														5	1				
14:00 - 14:59			10																
15:00 - 15:59			1																
16:00 - 16:59												4							
17:00 - 17:59	2									13						4	2		
18:00 - 18:59	6									8							8		
19:00 - 19:59	5																		
20:00 - 20:59																			
21:00 - 21:59																			
22:00 - 22:59														16					
23:00 - 23:59		11											4						
<b>UTC (hh)</b>	AUS TA rw	CAN NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv

**NDBs HEARD, 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 NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv
23	400		3	1	7	4	1	2	4		10	3	17	11	1	6	5	12	4	1
6	401	2	2		1	1		1	1		3	1	4	2		1		2		1
8	402		2		3			1			2		4	3		4	2	3		
7	403			1	2	1	1		1		3		3	3	2	2	1	5	2	
18	404	3	1		3	3	1	1	2		10	2	11	9	2	7	1	9	1	1

5	405		1	1	2	1			2		2		2	3	1	1	1	2		1
4	406				2	2		1	2		3	1	2	3	1	2	1	2	1	2
20	407	3	3		4	3	1	1	3		13	1	14	10	1	7	4	12	3	
7	408		2		3	3	1	2	3		5		7	5	1	4	1	4	3	2
3	409		1	2	1				1		1	1	1	1						
17	410		2		4	3	1	1	2	1	7	2	14	8		6	3	9	2	2
5	411		1	1	2	3	1	1	2	1	3		2	2	2	3	1	3	2	1
5	412				2				1	1	2		3	1	1	1	1	3		
6	413	2	1	1	1	1			1		2	1	2	2		1	1	2	1	1
22	414		2	2	9	6		3	2	2	8		13	13	2	8	4	8	3	2
1	414.5		1		1	1			1		1		1	1		1	1	1	1	
5	415		2	1	2	2			1	2	3		3	2		3	1	3	1	1
5	416	3			1						1		1	2		1		2		
7	417		3	1	1				1	2	4	2	6	2		2		3	1	
2	418				1				1		2		2	1		1	1	2		
3	419		1		1					1	3	1	3	2		2	1	3		
NDBs	<b>kHz</b>	AUS TA rw	CAN NS vm	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA mh	USA CA pa	USA GA jx	USA IL dt	USA MN pf	USA NC dw	USA NE bh	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA kv

### MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Please see the main table for Bob's 'TA' and Fred's 'KOR' loggings)

kHz	C/S	Location	St	ITU	Rptr	UTC
414	RPB	Republican	KS	USA	al	11:55
413	CBC	Anahuac	TX	USA	al	11:02
400	EWP	Newport	AR	USA	bh	03:14
400	AFD	Watford City	ND	USA	bh	06:13
406	D5	McArthur River Mine	SK	CAN	bh	06:37
404	ST	St Louis	MO	USA	dt	01:48
410	PEL	Ponta Pelada Manaus	-	BRA	dw	03:30
410	ECB	El Cabo	-	CLM	dw	07:00
417	EVB	New Smyrna Beach	FL	USA	dw	01:15
404	BMW	Winder Barrow Co.	GA	USA	dw	01:00
414	AZE	Hazlehurst	GA	USA	dw	01:15
414	LK	Louisville	KY	USA	dw	04:45
400	NHK	Patuxent River	MD	USA	dw	01:00
407	OX	Ocean City	MD	USA	dw	06:00

410	JU	West Jefferson	NC	USA	dw	16:00
412	CTZ	Clinton	NC	USA	dw	16:12
414	OGY	New York	NY	USA	dw	03:45
400	RO	Rochester	NY	USA	dw	09:00
410	CYE	Wilkes Barre	PA	USA	dw	01:15
407	RV	Reedsville	PA	USA	dw	06:00
408	LQK	Lake Kiowee Pickens	SC	USA	dw	00:00
414	FDW	Winnsboro	SC	USA	dw	01:15
405	9G	Sundre	AB	CAN	pa	05:59
400	MDY	Midway	-	MD	sr	12:59
402	MQ	Miquelon	-	SPM	vm	23:13
kHz	C/S	Location	St	ITU	Rptr	UTC

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE 90 400 - 419.9 kHz 6 - 10 Apr. 2007

**NOW:** CLE109 400 - 419.9 kHz 26 - 29 Sept. 2008

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
CAN NS vm	2343	1539	73	43	31	28	7675	3242
USA AZ dp	1883	1573	128	82	68	52	4811	3386
USA CA bc	1802	1828	38	62	21	34	4642	4642
USA CA dn	1611	1032	19	7	12	7	4046	1841
USA CA mh	1543	1523	19	20	12	13	2705	3374
USA CA pa	1853	1664	72	52	39	31	4384	3675
USA IL dt	1003	999	115	88	115	88	2769	2769
USA MN pf	770	754	11	11	14	15	1451	1451
USA OR jw	2042	2317	37	32	18	14	9612	9612
USA OR sr	2174	2118	185	136	85	64	10107	10107
USA UT mu	1089	1322	25	33	23	25	1762	8633
<b>Averages:</b>	1646	1515	66	51	40	34	4906	4794

% Increase:	-8	-22	-15	-2
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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

**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 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 aerials, time available for listening 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
401	YPO	Peawanuck, ON	CAN			05
404	YSL	St. Leonard, NB	CAN	05	05	05

CLE109a5.xls  
bk 1 Oct.2008