

NDB LIST CLE No. 159 400 - 419.9 kHz 27 - 30 July 2012, midday-midday local time

**COMBINED RESULTS
REST OF THE WORLD**

For overall statistics, please see the covering email.

Reporters:

CAN	BC	sm	Steve McDonald, Mayne Island
CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
CAN	ON	ku	Marc Kulbacki, Windsor
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	dl	Dave Hollander, Phoenix, Arizona
USA	CA	dn	Don Tomkinson, Upland
USA	CA	pa	Phil Atchley, Merced, Central California
USA	CO	ac	Anthony Casorso, Westminster
USA	IA	fi	John Fickes, Truro
USA	IL	dt	Dave Tomasko, Galena
USA	MO	dp	Dick Palmer, Foristell
USA	NC	dw	Don Ward, Raleigh, NC
USA	NH	jc	John Collins, Charlestown
USA	NJ	ge	George Muha, Cream Ridge
USA	OR	sr	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	ch	Chuck Dobbins, Alpine
USA	TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	mu	Mark Moulding, Ogden, Northern UT
USA	WA	de	Dan Petersen, Vancouver, WA
USA	WA	gd	Gary DeBock, Puyallop
USA	WA	rt	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. 11 indicates logged between 11:00-11:59 UTC)

Any Offshore NDBs and UNIDs appear at the end of the list.

Cou	St	kHz	Call	Location	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt
ALS	-	404	GCR	Cordova	11																				
ALS	-	411	ILI	Iliamna	10																			7	
ALS	-	414	IME	Sitka	9																				
BRA	-	405	BVI	Boa Vista (RR)												7									
CAN	AB	405	2K	Camrose	9	7						8								11					6
CAN	AB	405	9G	Sundre	8															11		10			6
CAN	AB	408	Z7	Claresholm	8						5									11					6
CAN	AB	414	8M	Elk Point	9																				
CAN	BC	400	QQ	Comox	8	6			5	7	4	9		9						19	7	5	6		6
CAN	BC	414	YZK	Harper Ranch Kamloops	9															11					11
CAN	NB	404	YSL	St Leonard												7	2				8				
CAN	ON	401	YPO	Peawanuck	8		3						6	9	3	7	2				7				
CAN	ON	403	ZTO	Toronto			0							9		9									
CAN	ON	404	ZR	Sarnia			16							9	6	9									
CAN	ON	408	SN	St Catharines			6							9		3									
CAN	ON	409	YTA	Pembroke			6							9	3	9	2								
CAN	ON	413	YHD	Dryden	8	6	7				2	5		9	5	3	2		7		4	10			
CAN	QC	401	Y8	Drummondville												9	2								
CAN	QC	405	7L	La Sarre			6									8	8								
CAN	QC	407	ZHU	Montreal St Hubert			6									8	2				7				
CAN	QC	414	3U	Gatineau			6									9	2								
CAN	SK	402	L4	Nipawin							9		9									10			
CAN	SK	402	M3	Kindersley	8	6					9								6						6
CAN	SK	406	YLJ	Meadow Lake	8	7				4	6	9		9		9			11		9	5	6		6
CAN	SK	410	6Z	La Loche	9	8																			
CAN	SK	412	1W	Sandy Bay	9																				
CAN	SK	414	ZRG	Regina	8	6				10		9		10					5		10	9			9
CLM	-	400	PIE	Piedecuesta												7					5				
CYM	-	415	CBC	West End Cayman Brac.	9					9	5			9	5	10	8				9				
EQA	-	418	TLC	Tulcan												9									
MDW	-	400	MDY	Sand Is. Midway															12						
MEX	-	400	ENS	Ensenada					6	7	4														
MEX	-	402	CSL	Cabo San Lucas					5	4											6				
SMA	-	403	TUT	Pago Pago				15											12						
USA	AR	418	EL	El Dorado																	9				

USA	AZ	403	AZC	Colorado City	11			5	7	5	11					11			5			
USA	AZ	407	CHD	Chandler	11			5	8	5	9					11	10		5			
USA	AZ	410	DAO	Fort Huachuca			5	8	5	9						10	6					
USA	CA	404	MOG	Montague	8	7		9	5	7	5	9				19		10	5	6	6	6
USA	CO	407	CO	Colorado Springs					8	5	0					9		11	6	5		
USA	FL	408	SFB	Sanford												9						
USA	FL	417	EVB	New Smyrna Beach																	8	
USA	GA	400	OHY	Cordele												7					8	
USA	GA	400	UWI	Dalton											2	9					9	
USA	GA	404	BMW	Winder Barrow Co.												8						
USA	GA	407	BZ	Statesboro												9					8	
USA	GA	412	JHH	Griffin										9		10					4	
USA	GA	414	AZE	Hazlehurst												9						
USA	GA	415	DJD	Canton												9					7	
USA	GA	419	TX	Lawrenceville												8					7	
USA	IA	403	AXA	Algona										17		8					6	
USA	IA	410	EGQ	Emmetsburg							3	18		17	2	10					10	
USA	IA	411	SDA	Shenandoah										17	6	8					5	
USA	IA	414	OOA	Oskaloosa								5		17	5	3						
USA	IA	414	SU	Sioux City								18		17	6	7					10	
USA	IA	417	IY	Charles City	9					5		6		17	5	3	9		7	10	9	
USA	IL	400	SLO	Salem										23	22	9					8	
USA	IL	407	CM	Champaign										17		3						
USA	IN	401	LA	Lafayette										17								
USA	IN	410	BA	Columbus			6							17	6	8	9					
USA	IN	417	HHG	Huntington			23							17	3	8	8				9	
USA	KS	404	HU	Hutchinson							9			10							3	
USA	KS	407	HRU	Herington					8		20	18		9		7					5	
USA	KS	408	JDM	Colby					8	5	0			10	9						10	
USA	KS	410	MSB	Iola											6	10					3	
USA	KS	414	EGT	Wellington							14				6	9					8	
USA	KS	414	GL	Goodland							0											
USA	KS	414.5	RPB	Belleville					9		0	5		9	3	5			7	10	8	5
USA	KS	419	GB	Great Bend							20			10	6				7		9	
USA	KY	414	LK	Louisville												7						
USA	LA	407	OOO	Natchitoches											9	10				2	17	
USA	LA	410	DQU	De Quincy											6	10					18	
USA	LA	414	MSD	Mansfield							3				5	10				10	17	
USA	MA	402	LW	Lawrence												5	2					

USA	MD	400	NHK	Patuxent River								8					
USA	MI	400	CI	Sault Ste Marie			6					16	8	4			
USA	MI	410	SO	Marquette								10		7			
USA	MI	419	RYS	Detroit Grosse Ile			16					9	3	9	8		9
USA	MN	400	CKN	Crookston								9				7	
USA	MN	400	PPI	St Paul								17		9			
USA	MN	404	XCR	Little Falls								9		4			9
USA	MO	400	TRX	Trenton								23	2	7			5
USA	MO	404	SG	Springfield													9
USA	MO	404	ST	St Louis								11	22				
USA	MO	407	CO.	Columbia								9	23				
USA	MO	414	IEB	Lebanon								9	2	10			10
USA	MO	416	RN	Kansas City									6				10
USA	MS	413	MC	McComb													8
USA	MT	404	OLF	Wolf Point	8	7					5	11	10			4	10
USA	MT	410	GDV	Glendive	8	6				8	5	20	10	9		3	10
USA	MT	415	LO	West Yellowstone	9	8				11	5	11				11	
USA	NC	410	JU	West Jefferson										5			
USA	NC	412	CTZ	Clinton										16	9		
USA	NC	417	HQT	Coats								9		16	9		
USA	NC	417	SLP	Shelby										8	9		4
USA	NE	400	AHQ	Wahoo								20	17	17		4	
USA	NE	404	FNB	Falls City					4		9	7	18	6	8		10
USA	NE	407	PLT	Columbus									9				8
USA	NE	414	GRN	Gordon	9							0				5	
USA	NE	416	LB	North Platte								19					10
USA	NM	402	CV	Carlsbad					7		9					2	3
USA	NM	414	ATS	Artesia					9		9					11	2
USA	NY	400	FO	Westhampton Beach													2
USA	NY	400	PTD	Potsdam			6							8	2		
USA	NY	407	FR	Farmingdale										7	2	18	
USA	NY	414	OGY	New York Bridge										4	2	18	
USA	OH	407	IL	Wilmington			16					9		9	9		8
USA	OH	408	HBD	Hubbard										9	8		
USA	OK	400	AI	Ardmore											10		17
USA	OK	411	HDL	Holdenville		7			5		9	10	5	10			18
USA	OR	411	RD	Redmond	9	7			9		5	9				19	
USA	SC	400	LKR	Lancaster										4			
USA	SC	404	CKI	Kingstree										16	8		

MEX	Mexico	-				2	2	1										1							
SMA	Samoa, American	-			1													1							
USA	USA	AR																		1					
USA	USA	AZ	2			3	3	3	3									2	2	1	2				
USA	USA	CA	1	1		1	1	1	1									1	1	1	1	1	1	1	1
USA	USA	CO					1	1	1									1		1	1				
USA	USA	FL																1			1				
USA	USA	GA												1	1	8					6				
USA	USA	IA	1					1	1	4				6	5	6	1			1	1	5			
USA	USA	IL												2	1	2					1				
USA	USA	IN			2									3	2	2	2				1				
USA	USA	KS					3	1	7	2				5	5	4				2	1	7	1		
USA	USA	KY														1									
USA	USA	LA							1						3	3					2	3			
USA	USA	MA														1	1								
USA	USA	MD														1									
USA	USA	MI			2									3	2	3	1					1			
USA	USA	MN							2					3		2				1		1			
USA	USA	MO								1				4	5	2						4			
USA	USA	MS																				1			
USA	USA	MT	3	3				2	3	3				2	1					3	2	2	2	2	3
USA	USA	NC												1		4	3					2			
USA	USA	NE	1					1		4	2			3	1	2				2		4			
USA	USA	NM						2		2										1	2	2			
USA	USA	NY			1											3	4	2							
USA	USA	OH			1									1		2	2					1			
USA	USA	OK		1				1		2				1	1	2						2			
USA	USA	OR	1	1				1	1	1										1			1	1	1
USA	USA	SC														4	1								
USA	USA	SD												1											
USA	USA	TN			1									1	1	1						1			
USA	USA	TX						1		1											2	3			
USA	USA	WA	1	1				1	1	1				1						1			1	1	1
USA	USA	WI						1						3	1	3						1			
VUT	Vanuatu	-																		1					
XON	Offshore	CA	1					1	1											1				1	
XUN	UNID	-														2					1				
Cou	Country	St	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt		

LISTENING TIMES:

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

UTC (hh)	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt
00:00 - 00:59			1					5													
01:00 - 01:59																					
02:00 - 02:59								2			4		12			6					
03:00 - 03:59			1					2			6	5			1		3				
04:00 - 04:59						3	2					5			1		3				
05:00 - 05:59					6	1	14		3		6	3			2		4	10			
06:00 - 06:59		6	8		1		2		2		11	1			2		4		2	4	11
07:00 - 07:59		6	2			6			1			11			5		5			4	
08:00 - 08:59	12	2				8		1			1	15	6				13				
09:00 - 09:59	11			1		5		17		21	3	20	6				12	3			1
10:00 - 10:59	1					1				10		12				5	11	3			
11:00 - 11:59	3					1		4		1					11						2
12:00 - 12:59	1														3						
13:00 - 13:59																					
14:00 - 14:59								1													
15:00 - 15:59				1																	
16:00 - 16:59			3							1		3									
17:00 - 17:59									2	16											
18:00 - 18:59									3	1				2			5				
19:00 - 19:59								1							4						
20:00 - 20:59								4									1				
21:00 - 21:59																					
22:00 - 22:59											2										
23:00 - 23:59			1							2	1										
UTC (hh)	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt

NDB COUNTS, BY FREQUENCY:

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

NDBs	kHz	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt
20	400	1	1	2		2	2	2	4	2	9	4	13	2		4		10	1		1	1
3	401	1		1						1	2	1	2	2				1				
5	402	1	1			1	2		3		1		1	1		1	1	2	1			1
4	403	1		1	1	1	1	1	1		2		2			2		1	1			
12	404	3	2	1	1	1	2	2	5	1	7	3	6	2		2		7	1	1	2	2
5	405	2	1	1			1		2				2	1		2	1	1	1			2
1	406	1	1				1	1	1		1		1			1		1	1		1	1
12	407	1		2		1	4	2	3	1	6	3	9	3	1	2	2	7	2			
7	408	2	1	1			2	3	2		2	1	4	1		2		1	1		1	2
1	409			1							1	1	1	1								
11	410	2	2	1		1	2	2	3	1	4	5	7	1		1	1	6	1		1	1
4	411	2	2				2	1	2		2	2	2			1		2	1	1	2	1
6	412	1									2		3	1		1	1	1				
2	413	1	1	1					1	1	1	1	1	1		1		2	1			
19	414	5	1	2			2		6	2	5	6	11	2	1	4	3	7	1			2
1	414.5						1		1	1	1	1	1			1	1	1	1			
4	415	3	1				3	3	1		1	1	2	1		2		2	2			1
2	416								1			1						2				
5	417	1		1				1		1	3	2	4	4		1	1	5				
2	418												1					1				
3	419			1					1		2	2	2	1		1		3				
NDBs	kHz	CAN BC sm	CAN BC to	CAN ON ku	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA IA fi	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA de	USA WA gd	USA WA rt

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
414	GL	Goodland	KS	USA	ac	00:46
414	VEED	(UNID)	-	XUN	ch	02:58
412	BWR	Brewster Alpine	TX	USA	ch	02:12

401	LA	Lafayette	IN	USA	dt	17:12
400	MDS	Madison	SD	USA	dt	17:09
418	EL	El Dorado	AR	USA	du	09:03
417	EVB	New Smyrna Beach	FL	USA	du	08:17
404	SG	Springfield	MO	USA	du	09:14
413	MC	McComb	MS	USA	du	08:20
410	GG	Longview	TX	USA	du	17:01
400	ROB	Waco	TX	USA	du	17:05
405	BVI	Boa Vista (RR)	-	BRA	dw	07:30
418	TLC	Tulcan	-	EQA	dw	09:25
408	SFB	Sanford	FL	USA	dw	09:15
404	BMW	Winder Barrow Co.	GA	USA	dw	08:15
414	AZE	Hazlehurst	GA	USA	dw	09:00
414	LK	Louisville	KY	USA	dw	07:00
400	NHK	Patuxent River	MD	USA	dw	08:15
410	JU	West Jefferson	NC	USA	dw	05:25
400	LKR	Lancaster	SC	USA	dw	04:15
408	LQK	Lake Kiowee Pickens	SC	USA	dw	08:15
414	FDW	Winnsboro	SC	USA	dw	10:00
400	FO	Westhampton Beach	NY	USA	jc	02:22
414	IME	Sitka	-	ALS	sm	09:16
404	GCR	Cordova	-	ALS	sm	11:33
414	8M	Elk Point	AB	CAN	sm	09:10
412	1W	Sandy Bay	SK	CAN	sm	09:04
400	MDY	Sand Is. Midway	-	MDW	sr	12:21
412	SON	Santo Pekoa	-	VUT	sr	12:16
kHz	C/S	Location	St	ITU	Rptr	UTC

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE142 400 - 419.9 kHz 22 - 26 Apr 2011
NOW: CLE159 400 - 419.9 kHz 27 - 30 July 2012

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 CA pa		1419		26		18		4384

USA IA fi		428		5		11		1653
USA NJ ge		94		0		2		114
USA TX ch		740		7		10		1722
USA WA de		321		1		2		441
USA WA rt		801		11		14		1312
Averages:		634		8		10		1604

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 BC sm	1433	1438	46	40	32	28	2647	5038
CAN BC to	1140	1234	22	17	19	14	2518	2822
CAN ON ku	584	572	14	9	24	16	1426	1426
HWA mx	4040	4108	20	8	5	2	5605	4218
USA AZ dl	874	821	8	6	9	7	2092	2092
USA CA dn	1397	1540	28	38	20	25	4046	4046
USA CO ac	970	971	39	36	40	37	2226	1912
USA IL dt	760	840	33	44	43	52	2768	2768
USA MO dp	638	698	10	24	16	34	1454	2382
USA NC dw	1154	1206	92	89	80	74	3260	4101
USA NH jc	873	880	31	21	35	24	2711	2711
USA OR sr	1350	1845	46	54	34	29	4517	10107
USA TX du	700	1208	15	76	22	63	2072	3636
USA UT mu	1010	1036	20	17	20	16	1764	1764
USA WA gd	415	986	2	8	5	8	619	2514
Averages:	1156	1292	28	32	27	29	2648	3436
% Increase:		12		14		6		30

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 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, 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

There was no Transatlantic reception in either direction this time.