

NDB LIST CLE No. 197 240 - 259.9 and 420 - 439.9 kHz 21 - 24 August 2015, midday-midday local time

**COMBINED RESULTS
REST OF THE WORLD**

For overall statistics, please see the covering email.

Reporters:

AUS	TA	et	Edgar Twining, Moonah
CAN	BC	sm	Steve McDonald, Mayne Island
CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
CAN	QC	gp	Guillaume Perron, Montreal
TWN		hf	Hans Fong, Longtan
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	FL	cg	Craig Cook, Oviedo
USA	IL	dt	Dave Tomasko, Galena
USA	MO	dp	Dick Palmer, Foristell
USA	NJ	ge	George Muha, Cream Ridge
USA	OR	sr	Steve Ratzlaff, La Grande, NE Oregon
USA	TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	mu	Mark Moulding, Ogden, Northern UT
USA	VT	j3	John Collins, while at Springfield
USA	WA	so	Steven O'Kelley, The Dungeon, Nr 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 (ndbcle'at'gmail.com - replace the 'at' by an '@' 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. 12 indicates logged between 12:00-12:59 UTC)

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

Cou	St	kHz	Call	Location	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so
ALS	-	245	HNS	Haines		12																
ALS	-	251	OSE	Bethel		12																
ALS	-	429	BTS	Dillingham		12																
AUS	NW	242	PKS	Parkes	10																	
AUS	NW	251	DU	Dubbo	10																	
AUS	NW	257	RUG	Rugby	11																	
AUS	NW	424	ORG	Orange	8																	
AUS	NW	428	GLF	Glenfield	11																	
AUS	QD	248	MYB	Maryborough	10																	
AUS	TA	242	LT	Launceston	10																	
AUS	TA	248	SMI	Smithton	10																	
AUS	TA	257	SRN	Strahan	10																	
AUS	VI	245	BDG	Bendigo	10																	
AUS	VI	254	MNG	Mangalore	10																	
CAN	AB	241	YLL	Lloydminster		10					5						8		10			6
CAN	AB	248	QL	Lethbridge		9	7				5	6		10			4	8	9			5
CAN	AB	254	SM	Fort Smith		9											7					
CAN	AB	254	ZYC	Calgary		9					5			10			9					5
CAN	AB	256	EB	Edmonton		12											7					
CAN	BC	242	XC	Cranbrook		10	7				7	4	8		10			5	7	5		12
CAN	BC	242	ZT	Port Hardy		12	7					4			11			4		11		12
CAN	BC	246	ZXJ	Fort Saint John		9												6				
CAN	BC	248	ZZP	Sandspit Dead Tree		9	7					4						4		11		6
CAN	BC	250	2J	Grand Forks		12						5						7				7
CAN	BC	251	YCD	Nanaimo		9	6				9	4	7		10	8		20	8	5		12
CAN	BC	257	LW	Kelowna		9	7				8	4			10			5		9		13

CAN	MB	244	TH	Thompson		10					7	5		17	8		6	10			
CAN	MB	250	FO	Flin Flon		9					4	8		13	8		4	8	9		6
CAN	NU	245	CB	Cambridge Bay		5											8				
CAN	ON	241	HF	Hearst				8							7						2
CAN	ON	245	YZE	Gore Bay Barrie Is		7		6			6			17	17	2		8			1
CAN	ON	247	YLH	Landsdowne House				5			6	7			7						1
CAN	ON	257	YXR	Earlton				5						0	8	2					2
CAN	ON	258	ZSJ	Sandy Lake		9						6		10	8						
CAN	PE	254	5B	Summerside				5							8	1					1
CAN	QC	243	YVB	Bonaventure				5							7	8					1
CAN	QC	244	DG	Chute de Passes				6							8						1
CAN	QC	248	UL	Montreal				5			6		9	0	17	2		8			1
CAN	QC	250	UAC	Poste Montagnais				8													1
CAN	SK	257	XE	Saskatoon		9	8				5	8		10			5	10	9		5
CAN	YT	248	QH	Watson Lake		9															
CUB	-	250	UBP	Playa Baracoa									4								
NZL	-	242	PP	Paraparaumu	10																
NZL	-	254	AS	Ashburton	8																
NZL	-	254	WI	Waiuku	10																
TWN	-	250	AP	Anpu					4												
USA	AL	426	FTP	Fort Payne									4	10	7			2			
USA	AZ	245	AVQ	Marana Tucson		12				5	6	5					9		9		
USA	CA	253	UR	Burbank Vinee						9	19	5									
USA	DE	248	IL	Hadin Wilmington												18					
USA	FL	257	SQT	Melbourne									8	10		8					
USA	GA	242	LKG	Americus									7								
USA	GA	245	JYL	Sylvania									9								2
USA	GA	424	RVJ	Reidsville									9		7	6		2			
USA	GA	426	IZS	Montezuma									9	10	7			8			
USA	IA	257	PEA	Pella										17	17						
USA	IA	426	EN.	Council Bluffs										18				10			
USA	IA	428	POH	Pocahontas		9					6	6		18	19		8	2			
USA	IA	434	SLB	Storm Lake		9								18	19		8	2			
USA	IL	240	CJ	Springfield										17	18						
USA	IL	251	JZY	Macomb										17	17			2			

USA IL	254	BOZ	Sterling Rockfalls									17	17						
USA IL	257	FWC	Fairfield									17	17				1		
USA IN	245	HU	Terre Haute									17	17						
USA IN	254	HLB	Batesville									17	17						
USA KS	256	TQK	Scott City	11						8		17	17			8	2		
USA KS	420	PK	Olathe										19				1		
USA KY	242	LE	Lexington									17	8						
USA LA	245	PTN	Patterson														0		
USA LA	247	VED	Leesville														23		
USA MA	251	SKR	Bedford Shaker Hill																2
USA ME	240	LE	Auburn Lewiston																1
USA MI	243	OZW	Howell									17	17				10		
USA MI	254	MB	Manistee									17							
USA MI	257	MB	Saginaw									17							
USA MN	251	BR	Brainerd									17							
USA MN	253	GB	Marshall	8								17	17			7			
USA MN	253	JA	Range (Chisholm Hibbing)									10							
USA MN	257	SAZ	Staples	9								17							
USA MN	420	FQ	Fairmont	8						7		17	18			8	2		
USA MO	248	CG	Cape Girardeau									17	17						
USA MS	420	TU	Tupelo									10	7				1		
USA MS	426	UV	Oxford									10	7				2		
USA MT	245	CRR	Circle	10								17				5			
USA MT	251	PWD	Plentywood	9						4		17				5			6
USA NC	254	LLW	Elizabeth City																1
USA NC	257	ETC	Tarboro																2
USA NC	423	SIF	Reidsville										7	2					
USA NC	432	IZN	Lincolnton			6					9	10	7	2					
USA NE	257	JYR	York							12		17	17				1		
USA NE	422	EA	Kearney Anoke														10		
USA NJ	254	CAT	Chatham													18			
USA NM	251	SV	Silver City						9										
USA NY	257	GTB	Fort Drum			6													
USA OH	245	PWF	Batavia									17	17						
USA OH	250	UGS	Athens Albany									17					10		

USA	OH	253	DD	Columbus										17	17			10				
USA	OK	255	SW	Stillwater											8			23				
USA	OK	425	PFL	Fort Sill											7			23				
USA	PA	258	ORJ	Corry																2		
USA	SC	245	UDG	Darlington																2		
USA	SC	248	FRT	Spartanburg								4	10	8						2		
USA	SC	257	CEU	Clemson							4											
USA	SC	420	CFY	Lake City							9			7								
USA	SD	245	FS	Sioux Falls		9								12	17	17		6	2			
USA	TN	242	MMI	Athens												7			10			
USA	TN	255	FYE	Somerville											17	17			10			
USA	TX	242	EL	El Paso						9	6											
USA	TX	245	ARM	Wharton															23			
USA	TX	248	PQF	Mesquite										7					23			
USA	TX	251	AM	Amarillo		11				9	6	6	8		10	8		7	23			
USA	TX	253	OC	Nacogdoches															23			
USA	TX	255	BS	Austin															23			
USA	TX	257	DT	Denton															23			
USA	TX	421	VLY	McKinney							8		6		10	7		9	23			
USA	TX	428	SYW	Greenville							7											
USA	VA	245	LUA	Luray													2					
USA	WA	240	BVS	Burlington Mt Vernon		6	7					5						8		11	12	
USA	WA	256	LSO	Kelso		12																
Cou	St	kHz	Call	Location	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so

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 et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so
ALS	Alaska (US State)	-		3																
AUS	Australia	NW	5																	
AUS	Australia	QD	1																	
AUS	Australia	TA	3																	
AUS	Australia	VI	2																	
CAN	Canada	AB		5	1												5	1	2	3
CAN	Canada	BC		7	5												7	2	5	6
CAN	Canada	MB		2													2	2	1	1
CAN	Canada	NU		1													1			
CAN	Canada	ON		2		4												1		4
CAN	Canada	PE				1														1
CAN	Canada	QC				4						1	1	2	3			1		4
CAN	Canada	SK		1	1								1				1	1	1	1
CAN	Canada	YT		1																
CUB	Cuba	-										1								
NZL	New Zealand	-	3																	
TWN	Taiwan (ROC)	-					1													
USA	USA	AL										1	1	1				1		
USA	USA	AZ		1				1	1	1							1		1	
USA	USA	CA						1	1	1										
USA	USA	DE													1					
USA	USA	FL										1	1		1					
USA	USA	GA										4	1	2	1			2		1
USA	USA	IA		2						1	1		4	3			2	3		
USA	USA	IL											4	4			2			
USA	USA	IN											2	2						
USA	USA	KS		1							1		1	2			1	2		
USA	USA	KY											1	1						
USA	USA	LA															2			
USA	USA	MA																		1
USA	USA	ME																		1
USA	USA	MI											3	1			1			

USA	USA	MN		3					1				5	2		2	1			
USA	USA	MO											1	1						
USA	USA	MS											2	2			2			
USA	USA	MT		2					1				2			2				1
USA	USA	NC				1					1		1	2	2				2	
USA	USA	NE								1			1	1			2			
USA	USA	NJ													1					
USA	USA	NM						1												
USA	USA	NY				1														
USA	USA	OH											3	2			2			
USA	USA	OK												2			2			
USA	USA	PA																	1	
USA	USA	SC																	2	
USA	USA	SD		1						1				1	1		1	1		
USA	USA	TN												1	2		2			
USA	USA	TX		1					2	4	1	3		2	2		2	7		
USA	USA	VA														1				
USA	USA	WA		2	1						1						1	1		1
Cou	Country	St	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so

LISTENING TIMES:

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

UTC (hh)	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so
00:00 - 00:59											2				1			
01:00 - 01:59													1		4		9	
02:00 - 02:59													6		9		8	
03:00 - 03:59																		
04:00 - 04:59					1			7		4				4				
05:00 - 05:59		1		5		1		8	1					5		2		3
06:00 - 06:59		1	1	4			3	4	5				1	3				4
07:00 - 07:59		1	6				3	1	3	1		14		5	1			1
08:00 - 08:59	2	2	1	2			2		5	1		10	3	7	6			
09:00 - 09:59		16				4	1			6				3		5		
10:00 - 10:59	10	4									17				9	1		
11:00 - 11:59	2	2									1					3		
12:00 - 12:59		8							2									4
13:00 - 13:59											1							1
14:00 - 14:59																		
15:00 - 15:59																		
16:00 - 16:59																		
17:00 - 17:59											27	17						
18:00 - 18:59											3	2	2					
19:00 - 19:59							1					3						
20:00 - 20:59														1				
23:00 - 23:59															10			
UTC (hh)	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so
Totals:	14	35	8	11	1	5	10	20	16	12	51	46	13	28	40	11	17	13

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 et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so
3	240		1	1					1			1	1		1	1	1	1	1
2	241		1		1										1		1	1	1
9	242	3	2	2			1	2	2	1	1	3	2		2	2	2		2
2	243				1							1	2	1		1		1	
2	244		1		1				1	1		1	1	1	1	1		1	
14	245	1	6		1		1	1	2	1	1	5	4	2	4	4	1	3	
1	246		1												1				
2	247				1				1	1			1			1		1	
10	248	2	3	2	1				2	3	2	4	3	2	2	3	2	2	2
6	250		2		1	1			2	1	1	2	1		2	2	1	1	2
9	251	1	4	1			2	2	3	2		5	3		3	3	1	1	2
5	253		1				1	1	1			3	2		1	2			
11	254	3	2		1				1			4	3	2	2			2	1
3	255											1	2			3			
3	256		3							1		1	1		2	1			
15	257	2	3	2	2			1	2	2	2	9	4	2	2	4	2	2	2
2	258		1							1		1	1					1	
4	420		1					1			1	2	4		1	3			
1	421							1		1		1	1		1	1			
1	422															1			
1	423												1	1					
2	424	1									1		1	1		1			
1	425											1				1			
4	426										2	4	3			4			
3	428	1	1					1	1	1		1	1		1	1			
1	429		1																
1	432				1						1	1	1	1					
1	434		1									1	1		1	1			
NDBs	kHz	AUS TA et	CAN BC sm	CAN BC to	CAN QC gp	TWN hf	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MO dp	USA NJ ge	USA OR sr	USA TX du	USA UT mu	USA VT j3	USA WA so

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)
Edgar's entries are better seen from the main 'Beacons Heard' list.

kHz	C/S	Location	St	ITU	Rptr	UTC
250	UBP	Playa Baracoa	-	CUB	cg	04:09
242	LKG	Americus	GA	USA	cg	07:07
257	CEU	Clemson	SC	USA	cg	04:21
251	SV	Silver City	NM	USA	dl	09:22
428	SYW	Greenville	TX	USA	dn	07:45
254	MB	Manistee	MI	USA	dt	17:50
257	MB	Saginaw	MI	USA	dt	17:57
253	JA	Range (Chisholm Hibbing)	MN	USA	dt	10:25
251	BR	Brainerd	MN	USA	dt	17:45
245	PTN	Patterson	LA	USA	du	00:27
247	VED	Leesville	LA	USA	du	23:36
422	EA	Kearney Anoke	NE	USA	du	10:54
245	ARM	Wharton	TX	USA	du	23:36
253	OC	Nacogdoches	TX	USA	du	23:43
255	BS	Austin	TX	USA	du	23:46
257	DT	Denton	TX	USA	du	23:47
248	IL	Hadin Wilmington	DE	USA	ge	18:03
254	CAT	Chatham	NJ	USA	ge	18:05
245	LUA	Luray	VA	USA	ge	02:29
257	GTB	Fort Drum	NY	USA	gp	06:52
250	AP	Anpu	-	TWN	hf	04:00
251	SKR	Bedford Shaker Hill	MA	USA	j3	02:10
240	LE	Auburn Lewiston	ME	USA	j3	01:57
254	LLW	Elizabeth City	NC	USA	j3	01:52
257	ETC	Tarboro	NC	USA	j3	02:01
258	ORJ	Corry	PA	USA	j3	02:15
245	UDG	Darlington	SC	USA	j3	02:05
245	HNS	Haines	-	ALS	sm	12:00
429	BTS	Dillingham	-	ALS	sm	12:00
251	OSE	Bethel	-	ALS	sm	12:30
256	LSO	Kelso	WA	USA	sm	12:30
248	QH	Watson Lake	YT	CAN	sm	09:00

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE182 240-259.9 & 420-439.9 kHz 23 - 26 May 2014
NOW: CLE197 240-259.9 & 420-439.9 kHz 21 - 24 Aug 2015

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 et		1147		16		14		2412
CAN QC gp		707		8		11		1279
TWN hf		47		0		1		47
USA AZ dl		529		3		5		956
USA FL cg		667		8		12		1975
USA NJ ge		795		10		13		1452
USA VT j3		847		14		17		1520
Averages:		677		8		10		1377

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	1293	1464	36	51	28	35	3042	3042
CAN BC to	976	548	16	4	16	8	2206	1296
USA CA dn	1656	1471	15	15	9	10	2850	2267
USA CA pa	1916	1795	36	36	19	20	4545	3259
USA CO ac	947	1316	10	21	11	16	1672	2611
USA IL dt	930	983	46	50	49	51	2951	2951
USA MO dp	859	906	21	42	25	46	1953	2846
USA OR sr	1169	1305	26	37	22	28	2729	2739
USA TX du	579	1126	9	45	15	40	1969	3028
USA UT mu	1320	1309	17	14	13	11	2087	2013
USA WA so	1054	749	17	10	16	13	2134	1641

Averages:	1155	1179	23	30	20	25	2558	2518
% Increase:		2		30		25		-2

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 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.

TABs

Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic
There was NO Trans-Atlantic fun in either direction this time!

CLE197a5.xls
bk 26 August 2015