

NDB LIST CLE No. 167 270 - 319.9 kHz 22 - 25 Feb 2013, midday-midday local time

**COMBINED RESULTS
REST OF THE WORLD**

For overall statistics, please see the covering email.

Reporters:

AUS	TA	rw	Bob Warren, New Norfolk
CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
CAN	ON	ku	Marc Kulbacki, Windsor
CAN	ON	tw	Tony Ward, Whitby
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
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, Orlando
USA	MA	hj	Jonathan Jesse, Plymouth
USA	MA	km	Keith McGinnis, Hingham
USA	ME	fa	Frank Allen, North Waterboro
USA	MI	jb	Joe Miller, Troy
USA	MI	k2	Ken Zichi, DXpedition Site Howell/Pinckney/Brighton
USA	MN	gs	George Sherman, Apple Valley
USA	MN	gy	Gary Hinton, Ham Lake
USA	MO	dp	Dick Palmer, Foristell
USA	NC	dw	Don Ward, Raleigh
USA	NH	jc	John Collins, Charlestown
USA	NJ	ge	George Muha, Cream Ridge
USA	NJ	rs	Bill Riches, Cape May
USA	OR	sr	Steve Ratzlaff, La Grande, 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	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	AUS TA rw	CAN BC to	CAN ON ku	CAN ON tw	HWA mx	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MA km	USA ME fa	USA MI jb	USA MI k2	USA MN gs	USA MN gy	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA rt
ALS	-	281	CRN	Sparrevohn																										
ALS	-	283	DUT	Dutch Harbor Unalaska		9			8																13					
ALS	-	314	SPY	St Paul Is.				15																	12					8
ATN	-	284	PJD	St Maarten																		6								
AUS	NW	272	LHI	Lord Howe Is.	11																									
AUS	NW	281	BRW	Brewarrina	13																									
AUS	NW	287	WLE	Williamsdale	14																									
AUS	NW	290	SGT	Singleton	9																									
AUS	NW	293	COM	Cooma	3																									
AUS	NW	299	CWR	Cowra	10																									
AUS	NW	305	GTH	Griffith	10																									
AUS	NW	311	CFS	Coffs Harbour	10																									
AUS	QD	276	TVL	Townsville	13																									
AUS	QD	278	CG	Coolangatta	14																									
AUS	QD	284	GAY	Gayndah	13																									
AUS	QD	308	MK	Mackay	15																									
AUS	SA	287	LEC	Leigh Creek	10																									
AUS	SA	287	NRC	Naracoorte	14																									
AUS	SA	308	OOD	Oodnadatta	13																									
AUS	SA	311	EDN	Edinburgh	10																									
AUS	TA	281	DPO	Devonport	1																									
AUS	TA	296	FLI	Flinders Is.	1																									
AUS	TA	302	WYY	Wynyard	10																									
AUS	VI	272	MIA	Mildura	13																									
AUS	VI	275	CWS	Cowes	1																									
BRA	-	285	DOU	Dourados (MS)																										
CAN	AB	272	YLB	Lac La Biche		9				8	7	1									8	9			5	4	7	4		21
CAN	AB	274	Z5	Vulcan		9				8	9	1									11				12	4	4	8		10
CAN	AB	287	PE	Peace River		7					9														5	11	4	5		18
CAN	AB	292	ZET	Edmonton							8														6	4	7			21
CAN	AB	295	8C	Fairview		8					8														6	4	5	5		18
CAN	AB	299	TV	Turner Valley		8		12			5	1						11			7				6		6	5		21
CAN	AB	300	Q5	Grande Cache																					6			5		18
CAN	AB	304	FH	Whitecourt McLeod		8					8														6			7		5
CAN	AB	305	Z1	Three Hills		8						1													6		8	7		10
CAN	AB	307	M5	Manning		8					8														6					18
CAN	AB	308	ZZD	Edmonton							8										7				6		6	9		21
CAN	AB	311	9Y	Pincher Creek		8					5	1													6	4	12	7		21
CAN	BC	272	XS	Prince George		7			11	7	4														5	9		6		18
CAN	BC	284	2U	Mackenzie		8																			5					18
CAN	BC	285	J7	108 Mile Airport																					7					

CAN BC	290	YYF	Penticton		7		11		11	4	1					6		11	7				22	9	7	5	18		
CAN BC	293	MB	Mill Bay		7					5																7	7	18	
CAN BC	302	6K	Vernon																				6				9	5	
CAN BC	312	UNT	Naramata Penticton		8					5													6	9	9	7	9		
CAN MB	275	AV	Winnipeg St Andrews				3									7	2	8	6				12	11	3				
CAN MB	276	ZTH	Thompson						9									8					12		6				
CAN MB	280	4B	Little Grand Rapids				11									5		7		10			6	11	5				
CAN MB	280	4T	Shamattawa				11								5	12		11								4			
CAN MB	284	QD	The Pas		7	4	4	8	10	4	1				2	3	3	7	6				5	11	7	5	21		
CAN MB	287	ZWG	Winnipeg				11									6	3	7	6				6	4	7				
CAN MB	300	YIV	Island Lake			6	12			8	1					5	3	1	11				6	11	7		5		
CAN MB	305	YQ	Churchill			12	2			6	1				5	3	3	1	7	10			6	4	8	7			
CAN NB	304	ZQM	Riverview Moncton			7							2	2					4	3									
CAN NL	270	ZNF	St John's									1	23						3	10									
CAN NL	280	QX	Gander			4	4					2	1		2				8	1	2	9				1			
CAN NL	281	CA	Cartwright			4	23					2	1						8	4	2					3			
CAN NT	274	FR	Fort Resolution		9				8										8				5	4	4	8	5		
CAN NU	277	YLC	Kimmirut				3					1							8	7	10		6		5				
CAN NU	284	RT	Rankin Inlet				12					2	1						3	11	10				3				
CAN NU	290	YYH	Taloyoak																										
CAN ON	272	YQA	Muskoka			4	22		7	5	5	6	1	0	5	12	16	3	2	18	17	19	17	4	7	4	7	8	
CAN ON	274	YPM	Pikangikum			11	3		6	7	5				2	5	3	3	8	8	6		12	4	7	8			
CAN ON	276	YEL	Elliot Lake			4	3				11		3	1		12	16	3	2	18	0	10	5	7	4	1			
CAN ON	283	PT	Pelee Is.			3	11					2	1		12	16	6	2	18	5	10		7		1				
CAN ON	300	YOG	Ogoki Post			3	20					2	2			5	3	3	18	6	3	7			4	8			
CAN ON	317	ZZR	Trenton Severn			23	4																			2			
CAN QC	272	ZMR	Montreal Mirabel			7	13					1	0	6				4	11	9	19				11	2			
CAN QC	273	ZV	Sept Iles			4	3					1	0	5	2			2	18	17	20	9	4	8	11	2			
CAN QC	275	R1	Theftord Mines				3					1	0	6						0	20					4			
CAN QC	276	YHR	Chevery				3		8			1	1							0	20	7			4	1	6		
CAN QC	278	NM	Matagami			4	3		9	6	1		1	1	6	23	2	3	3	18	18	20	10	4	5	4	1	8	
CAN QC	285	UHA	Quaqtaq									10																	
CAN QC	289	YLQ	La Tuque			4	12					2	2	0	1	5	4		1	0	20	9	5	6	3	2			
CAN QC	291	9Q	Amos			4	12			8		2	2			2	6	4	1	7	3	7	5		3	8			
CAN QC	303	YPP	Parent			4	14			8		2	2	6		2	6	3	1	8	20	10	5			1			
CAN QC	317	ZMX	Montreal Mirabel			6	4					2	1	5		5				2	20					3			
CAN SK	277	V2	Humboldt								11													5		4		5	
CAN SK	278	N1	Assiniboia																										
CAN SK	287	YSF	Stony Rapids																			10				4		10	
CAN SK	290	QR	Regina		8	5	11			7	15						6	4	7					6	11	7	5	10	
CAN SK	302	QW	North Battleford		8		11			8	1						7		12					6	11	8	5	5	
CAN SK	317	VC	La Ronge		8		11	9	6	5	1		2				3	4	7	6	10			6	11	8	7	9	
CLM -	309	GPI	Guapi								9	4	2									1				2			
CUB -	278	URC	Nueva Gerona																			5				6			
CUB -	283	UZG	Zaragoza				2				5	9	1	3		5			1	3					2	6			
CUB -	296	UVT	Tunas Hermanos Ameijeiras										1													3			
CUB -	300	UGT	Guantanamo																			10				3	5		
CUB -	315	UBR	Cayo las Brujas																							2			
DMA -	273	DOM	Marigot Melville Hall																			6	6			3			

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 BC to	CAN ON ku	CAN ON tw	HWA mx	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MA km	USA ME fa	USA MI jb	USA MI k2	USA MN gs	USA MN gy	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA rt
ALS	Alaska (US State)	-		1			2																	2			1	
ATN	Netherlands Antilles	-																		1								
AUS	Australia	NW	8																									
AUS	Australia	QD	4																									
AUS	Australia	SA	4																									
AUS	Australia	TA	3																									
AUS	Australia	VI	2																									
BRA	Brasil	-																									1	
CAN	Canada	AB		9		1		1	10	5							1		4	1				12	6	9	10	12
CAN	Canada	BC		5		1	1	2	4	1							1		1	1				6	3	3	5	6
CAN	Canada	MB		1	3	7	1	2	3	7						3	7	5	8	5	2			7	6	8	2	2
CAN	Canada	NB			1							1	1							1	1							
CAN	Canada	NL			2	2						3	3		1				2	3	3		1			2		
CAN	Canada	NT		1				1											1					1	1	1	1	1
CAN	Canada	NU				2				1		2	1					1	2	2	2			1		2		
CAN	Canada	ON			6	6		2	2	3	1	4	4	1	4	5	5	5	5	6	5	2	3	4	4	6	2	
CAN	Canada	QC			7	9		2	3	1		10	9	7	3	5	4	5	6	9	9	6	5	3	6	9	2	
CAN	Canada	SK		3	1	3	1	1	3	4		1					3	2	4	1	2			6	3	5	3	5
CLM	Colombia	-									1	1	1							1							1	
CUB	Cuba	-				1				1	1	2	1			1			1	4					2	5		
DMA	Dominica	-																		1	1		1			1		
FJI	Fiji	-					1																			1		
GRL	Greenland	-				2						2								1	2							
MHL	Marshall Is.	-					1																					
NZL	New Zealand	-	3																									
SMO	Samoa, Western	-					1	1															1			1	1	
USA	USA	AL																	1	1					1	1	1	
USA	USA	AR			1														1	1				1	3	3		
USA	USA	CA						1	1															1		1	1	
USA	USA	CO								1														1				
USA	USA	FL									1									2						2	2	
USA	USA	GA			1						1								1	5	1		1			3		
USA	USA	IL																								3	1	
USA	USA	IN			2	1				1					2	2	1		2	2			1	1	1	2		
USA	USA	KS																		1						1	1	1
USA	USA	KY			1					1									2	2						2	2	
USA	USA	LA						1		3							1		3	3			1		3	3		
USA	USA	MA										2	2								1	2						
USA	USA	MD				1						1								1	1		1					
USA	USA	ME				1						2	1							1	2							
USA	USA	MI			2	2						1	1		2	2	1		2	2	2		1	1	1	2		
USA	USA	MN			1	2		1		4		1					4	4	4	4	3			4	5	5	1	
USA	USA	MO			1			1	1	1		1				1			1	1	1			1	3	1	1	
USA	USA	MS								1																1	1	
USA	USA	MT		1				1	2	1													1		1	1	1	1
USA	USA	NC			1							2								6	2				1	3		
USA	USA	ND				1				1							1	1	1				2	2	1			

UTC (hh)	AUS TA rw	CAN BC to	CAN ON ku	CAN ON tw	HWA mx	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MA km	USA ME fa	USA MI jb	USA MI k2	USA MN gs	USA MN gy	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA rt
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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 to	CAN ON ku	CAN ON tw	HWA mx	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MA km	USA ME fa	USA MI jb	USA MI k2	USA MN gs	USA MN gy	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA WA rt
3	270			1		1					1	1							2	2			1		2	1	
1	271										1								1	1					1		
19	272	2	2	6	6	1	4	4	5	1	3	3	2	3	3	3	4	9	12	5	1	2	7	9	13	3	2
3	273			2	1				1		1	1	1	1			1	2	3	2	1	1	2	2	3		
8	274		3	2	2		4	2	3		1	1		1	1	2	2	4	4	4			5	4	5	4	3
18	275	1	3	2	2		3	3	4	1	3	1	1			1	1	8	14	4			6	14	11	3	2
5	276	1		1	2		2		2		2	2		1	1	1	1	2	3	2	1	1	2	2	3	1	
4	277				1				1		1							2	2	1			2	1	4		1
19	278	2		4	5		3	2	5	1	5	3	1	3	3	4	2	7	11	6	1	2	7	8	12	2	
2	279				1						2	1							2	2							
5	280			1	3		1	1	2	1	1	1		1	1	2		4	2	3		1	2	2	5	1	
8	281	2		2	1		2	2	2		2	1			1			3	4	3			2	2	4	2	
3	282			1	1		1	1	1		2	1		1	1	1	1	2	2	2			3	2	3	1	
3	283		1	1	2	1			1	1	2	2		1	2	1	1	2	2	1		1	2	1	2	1	
12	284	1	3	2	2	1	1	2	5		3	2			2	3	2	6	9	3			3	6	8	2	3
3	285										1														1		
2	286	1	1				1	1	1														1		1	1	1
7	287	3	1		1			1	1							1	1	2	2	1			3	3	4	1	2
1	289			1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
5	290	1	2	1	2		1	2	3							2	1	2	1				2	2	3	2	2
1	291			1	1			1			1	1			1	1	1	1	1	1	1	1		1	1		
1	292							1															1		1	1	1
5	293	1	1					1	2									2						1	3	1	1
1	294																							1			
1	295		1					1															1	1	1	1	1
4	296	1									1												1	1	2	1	1
0	297																										
1	298				1						1										1						
4	299	1	1	1	1			1	1						1	1		1	2				1	1	2	1	1
4	300			2	2			1	1		1	1			1	2	2	2	3	1	1		2	3	3	1	2
0	301																										
5	302	1	1		1			1	2							1		1					3	2	1	2	2
1	303			1	1			1			1	1	1		1	1	1	1	1	1	1	1			1		
2	304		1	1				1			1	1							1	1			1			1	1
6	305	1	2	1	1		1	3	4						1	2	1	2	1	1			5	3	4	4	2
0	306																										
2	307		1			1		1															1		1		1
5	308	2		1				1						1	1			2	1				1	1	2	1	1

2	309								1	1	1								2									1				
1	310	1																														
5	311	2	1					1	1										1								1	3	3	1	1	
1	312		1					1																			1	1	1	1	1	
0	313																															
3	314					1																										
3	315					1			1																				2	2		
2	316					1																							2	2		
5	317		1	2	4	1	1	1	1		3	1	1		1	1	1	1	5	3		1				1	1	3	1	1	1	
0	318																															
0	319																															
NDBs	kHz	AUS TA rw	CAN BC to	CAN ON ku	CAN ON tw	HWA mx	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MA km	USA ME fa	USA MI jb	USA MI k2	USA MN gs	USA MN gy	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	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)

For Bob's from Tasmania, please see the main list.

kHz	C/S	Location	St	ITU	Rptr	UTC
290	YYH	Taloyoak	NU	CAN	ac	11:42
302	CWS	Conway	AR	USA	ch	02:38
275	DY	Kansas City	MO	USA	ch	10:08
278	FD	Poplar Bluff	MO	USA	ch	11:09
308	UTS	Huntsville	TX	USA	ch	03:10
294	BMC	Brigham City	UT	USA	ch	03:44
272	LS	La Crosse	WI	USA	dn	07:16
293	UI	Quincy	IL	USA	dp	18:53
285	DOU	Dourados (MS)	-	BRA	du	07:37
290	TYV	Jacksonville	AR	USA	du	02:56
272	RU	San Marcos	TX	USA	du	18:18
278	IL	Killeen	TX	USA	du	18:18
281	CX	Conroe	TX	USA	du	18:22
272	RH	Rhineland Arsha	WI	USA	du	03:32
284	PJD	St Maarten	-	ATN	dw	06:51
316	FF	Peachtree City	GA	USA	dw	10:49
309	EEX	Swainsboro	GA	USA	dw	23:36
276	IS	Kinston	NC	USA	dw	17:00
281	IL	Wilmington	NC	USA	dw	17:12
317	IN	Winston Salem	NC	USA	dw	23:48
274	DLC	Dillon	SC	USA	dw	17:00
299	TR	Bristol	TN	USA	dw	01:54
275	EZT	Elizabethton	TN	USA	dw	03:39
285	UHA	Quaqtaq	QC	CAN	hj	10:56
278	MS	Massena	NY	USA	jc	10:59
315	AT	Dayton	OH	USA	k2	16:22
314	SPY	St Paul Is.	-	ALS	mx	15:25
316	MAJ	Majuro Atoll	-	MHL	mx	16:27
272	MLK	Malta	MT	USA	pa	05:56
kHz	C/S	Location	St	ITU	Rptr	UTC

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE148 270 - 319.9 kHz 28 - 31 Oct 2011
 NOW: CLE167 270 - 319.9 kHz 22 - 25 Feb 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
CAN ON tw		1312		59		45		3123
USA CA pa		1976		75		38		3870
USA FL cg		1100		7		6		2913
USA MA hj		1305		55		42		4440
USA MA km		1099		30		27		4466
USA ME fa		541		4		8		860
USA MI jb		697		10		14		2305
USA MI k2		806		19		24		2182
USA MN gy		957		22		23		2086
USA NJ ge		1114		9		8		1631
USA NJ rs		966		12		12		1943
Averages:		1079		27		22		2711

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	1049	1332	20	32	19	24	2016	2618
CAN BC to	1149	1038	47	28	41	27	2860	2860
CAN ON ku	852	907	32	34	38	37	2314	2314
HWA mx	4937	4606	84	41	17	9	7469	5946
USA CA dn	2314	2389	69	62	30	26	8124	7840
USA CO ac	1316	1327	100	66	76	50	2699	3375
USA MN gs	810	979	22	30	27	31	1708	2052
USA MO dp	880	1303	36	94	41	72	2316	3078
USA NC dw	1542	1378	179	136	116	99	6876	3689
USA NH jc	959	1242	39	65	41	52	3259	3259
USA OR sr	1868	1786	157	129	84	72	9514	8529
USA TX ch	1401	1976	29	162	21	82	3706	4265
USA TX du	1372	2038	62	245	45	120	3674	10731
USA UT mu	1497	1665	57	68	38	41	8683	8683
USA WA rt	1333	916	64	30	48	33	8439	2097
Averages:	1552	1659	67	81	45	52	4910	4756
% Increase:		7		22		14		-3

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 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 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 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.

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	DEU je	ENG bk	ENG hh	ENG me	ENG px	HOL rb
276	YHR	Chevery, QC	CAN	05		03	02	02	23	04
280	QX	Gander, NL	CAN	05		04	02	02		01
281	CA	Cartwright, NL	CAN	05			02	01		03
305	LT	Alert, NU	CAN	01	01			00		01
305	YQ	Churchill, MB	CAN	04				04		04