

**NDB LIST CLE No. 188 370 - 384.9 kHz 21 - 24 Nov 2014, 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
AUS	TA	rw	Bob Warren, Moonah
CAN	BC	sm	Steve McDonald, Mayne Island
CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
CAN	NS	vm	Vernon Matheson, Truro
CAN	ON	gr	Graham Collins, Embrun, near Ottawa
CAN	ON	ku	Marc Kulbacki, Windsor
CAN	ON	tw	Tony Ward, Whitby, Nr Toronto
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
TWN		hf	Hans Fong, Longtan
USA	AZ	dl	Dave Hollander, Phoenix, Arizona
USA	CA	dn	Don Tomkinson, Upland
USA	CA	ir	Ilden Rogers, Nr Grass Valley, 50 mi NNE of Sacramento
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	MA	hj	Jonathan Jesse, Plymouth
USA	MO	dp	Dick Palmer, Foristell
USA	MT	sf	Steve Flood, Turah
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	VA	mb	Mike Trowbridge, Catlett
USA	WA	rt	Tom Rothlisberger, Brier
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. 5 indicates logged between 05:00-05:59 UTC)

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

Cou	St	kHHz	Call	Location	AUS TA et	AUS TA rw	CAN BC sm	CAN BC to	CAN NS vm	CAN ON gr	CAN ON ku	CAN ON tw	HWA mx	TWN hf	USA AZ dl	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA VA mb	USA WA rt	USA WA so
ALS	-	372	FPN	Petersburg Fredericks Pt			5	8																									13	
ALS	-	376	PVQ	Deadhorse			13																											
ALS	-	379	IWW	Kenai			12	9																										10
ALS	-	382	JNR	Unalakleet			12						14																					
AUS	NW	371	TRE	Taree	9	13																												
AUS	NW	374	WJS	Wee Jasper	13	13																												
AUS	NW	374	WLG	Walgett	9	16																												
AUS	NW	380	COR	Corowa	9	9																												
AUS	NW	383	BTH	Bathurst	11	16																												
AUS	QD	371	HUG	Hughenden	14																													
AUS	QD	374	BML	Bromelton	9																													
AUS	QD	377	ROM	Roma	9	9																												
AUS	QD	380	SU	Sunshine Coast	10																													
AUS	QD	383	SGE	St George	9																													
AUS	SA	371	WHA	Whyalla	13	13																												
AUS	SA	377	MBY	Modbury	11	13																												
AUS	SA	383	PAG	Port Augusta	10	13																												
AUS	TA	374	TTR	Tea Tree	4	20																												
AUS	VI	377	EPP	Epping Melbourne	4	20																												
AUS	VI	383	WON	Wonthaggi	4	20																												
AUS	WE	372	GIG	Gingin	11	13																												
AUS	WE	377	LEO	Leonora	13																													
AUS	WE	383	WLU	Wiluna	13																													
AZR	-	380	FIL	Horta Faial Is.																		1												
BAH	-	376	ZIN	Matthew Town Gt Inagua Is			7	8	2	2	1	22	8			6		5	4	9	0	1	0		3	0	1	6	4	3		5	7	
CAN	AB	379	ZEG	Edmonton			10	8										6	9	12		12	12					0						6
CAN	BC	374	EX	Kelowna Rutland			5	7				8				1	2	8		12		12	22				0	10	8	1		7		6
CAN	BC	378	AP	Active Pass Mayne Is.				8								1	2						10				1			2		19		6
CAN	BC	382	YE	Fort Nelson			5	8				14				9	2	9		12			11				0	10	4	9		6		6
CAN	BC	382	YPW	Powell River			5	8				8				1	3						11				1	3		2		19		7
CAN	MB	370	YBV	Berens River			5	7		3	3	22				7	6	4		0	11	22	3				1	10	7			7		
CAN	MB	375	BM	Balmoral													4					12												
CAN	NL	373	1A	Williams Harbour					2																									
CAN	NL	378	HO	Hopedale					19	0		2										0												
CAN	NT	375	FS	Fort Simpson			5	7					14						10									2					6	
CAN	NU	372	YCO	Kugluktuk (Coppermine)			5	8				4					3	8		11		12					5					5		
CAN	NU	378	UX	Hall Beach						0		11					4	6		11		8					7							
CAN	ON	375	7B	St Thomas					20	23	21	19						5		0	0	22		3	3	3	3	3			2			
CAN	ON	376	YAG	Fort Frances			7					1					5	5		18		22	3				6	4	3				6	
CAN	ON	377	YRR	Ottawa Greely					2	23	2	19					3			0	0	0		3	3	1						1		
CAN	ON	379	YPQ	Peterborough					2	0	6	19								0	0	0		3	0	5		2			1			
CAN	ON	382	7P	Iroquois Falls					3	1										0	0	11		3	0	22								
CAN	ON	382	XU	London					2		21									11	3	22	3											
CAN	ON	382	YPL	Pickle Lake					3	0	6				4	9	3	5	10	18	0	22		3	9	20		4	8		5			
CAN	QC	371	GW	Kuujuarapik (Jarpic)			5		2	0	3	17			6		6	5		11	0	22		2	0	23		9	7		1			





**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	AUS TA rw	CAN BC sm	CAN BC to	CAN NS vm	CAN ON gr	CAN ON ku	CAN ON tw	HWA mx	TWN hf	USA AZ dl	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA VA mb	USA WA rt	USA WA so	
ALS	Alaska (US State)	-			4	2					1																					2	
AUS	Australia	NW	5	5																													
AUS	Australia	QD	5	1																													
AUS	Australia	SA	3	3																													
AUS	Australia	TA	1	1																													
AUS	Australia	VI	2	2																													
AUS	Australia	WE	3	1																													
AZR	Azores	-																															
BAH	Bahamas	-			1	1	1	1	1	1	1			1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CAN	Canada	AB			1	1										1	1	1	1		1	1				1						1	
CAN	Canada	BC			3	4					3			1	3	4	2	2	2		1	4				4	3	2	4	4	4	4	
CAN	Canada	MB			1	1		1	1	1					1	2	1	2	2	1	2	1				1	1	2			1		
CAN	Canada	NL					2	1		1										1													
CAN	Canada	NT			1	1					1											1										1	
CAN	Canada	NU			1	1		1		2						2	2	2	2													1	
CAN	Canada	ON			1	6		5	5	4			1	1		3	2	1	7	6	2	7	1	6	5	5	1	4	4	4	4	1	
CAN	Canada	QC			1	5		5	4	4			1			2	1	5	5	5	5		5	5	4	2	5		4				
CAN	Canada	SK			4	2										2	2	3	3		1	3				3	2	1	1	2	2		
CAN	Canada	YT			1	1																				1					1		
CUB	Cuba	-								1						1	1	1		1			1				1	1					
GRL	Greenland	-					2													2													
HWA	Hawaii (US State)	-									1																						
MEX	Mexico	-			1										1	1										1	1	1	1	1			
NZL	New Zealand	-	2	1																													
PLW	Palau	-	1																														
TRD	Trinidad & Tobago	-														1							1										
TWN	Taiwan (ROC)	-										1																					
USA	USA	AL							1										1	1							1	1					
USA	USA	AR																										3	2				
USA	USA	CA			1	1								3	3	3	1		2			1				3	2		1	1		1	
USA	USA	CO			1								1	1	1	1	1		1		1	1		4	2	1	1	1	1	1			
USA	USA	GA							2	2								4	4	2			1	4	2	1	4		2				
USA	USA	ID			1	1							1	1	1	1	1	1	1	1	1	1		4	2	1	1	1	1	1	1	1	
USA	USA	IL					1		2	1							3	1	4	3	4		2			1	3		1				
USA	USA	KS			2	1				1			2	3		4	4	3	3		4	3			4	3	4	2		1			
USA	USA	LA															3	2	3		3					2	3						
USA	USA	MI					1	1	2	2							2	4	2	3	3		3			2	3		1				
USA	USA	MN			1					3							3		4	1	4	2	2			2	1	3					
USA	USA	MO			1			1		1							1	1	1	1	1	1	1			1	1	1	1	1	1	1	
USA	USA	MT			1	1							1	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	
USA	USA	NC						3	1	1							1	2	3	3	3		3	3	2	2	2	2	2	2	2	2	
USA	USA	ND			1	1										1	1	1	1		1	1				1	1	1	1	1	1	1	
USA	USA	NE			1	1							1	1	1	2	3	3	3		2	2	1			2	2	2	1	1	1	1	
USA	USA	NH					1	1		1										1				1			2	2	2		1	1	
USA	USA	OH					1	1	3	3						1	1	1	3	2	3		2	1		1	3		1				
USA	USA	OK			2	1			1	1			2	2	2	2	2	1	2		2	2				2	2	2	1	2	2	2	



UTC (hh)	AUS TA et	AUS TA rw	CAN BC sm	CAN BC to	CAN NS vm	CAN ON gr	CAN ON ku	CAN ON tw	HWA mx	TWN hf	USA AZ dl	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA VA mb	USA WA rt	USA WA so
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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 et	AUS TA rw	CAN BC sm	CAN BC to	CAN NS vm	CAN ON gr	CAN ON ku	CAN ON tw	HWA mx	TWN hf	USA AZ dl	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA OR sr	USA TX ch	USA TX du	USA UT mu	USA VA mb	USA WA rt	USA WA so
7	370			2	2		2	2	4		1	1	2	3	3	3	2	4	3	4	2	2	1	1	3	3	4	1	1	2	
15	371	4	2	4	2	2	3	3	6			2	2	3	4	4	2	7	3	8	2	4	2	1	3	6	9	2	3	2	3
8	372	1	1	3	3	2	1	2	4						3	2	1	5	3	5	1	2	2		2	2	3			3	
7	373			2	1	3	3	2	3	1		1	1	2	3	2	1	4	3	4	2	3	3	2	2	2	4	2	2	2	1
11	374	4	3	4	3			2	1				1	2	4	5		4		4	5	1			5	4	5	3		3	1
13	375			5	2	1	1	1	4	1		1	1	1	4	9	2	11	3	8	4	3	2	2	5	6	8	2	2	4	
5	376			3	1	2	2	3	4	1			1		2	3	3	4	3	4	1	2	3	2	2	3	4		2	2	
7	377	4	3	1		1	1	1	1			1	1		3	2		3	1	3	2	1	1	1	2	2	2	1	1	1	
7	378	1		2	3	2	3	1	3	1			1	2	3	2		2	2	2	2	1	1	1	4	3	2	1	3		2
14	379			3	2	2	3	4	4		1				1	5	2	9	5	9	2	4	4	2	2	6	5		4	2	
10	380	2	1	2	2			1			1	2	3	1	4	3	1	4	2	3	2	1	1	1	3	4	4	2	1	1	
1	381															1	1	1	1	1			1			1					
1	381.5															1		1	1	1		1			1	1					
16	382	1	1	5	3	5	3	5		3		1	2	3	6	5	3	9	6	7	3	7	2	2	4	5	9	4	2	3	3
10	383	5	3	2	2						1	2	3	2	3	3		2		3	2	1	3	3	3	3	2		2	1	
3	384			1		1	2										1	3	2	2	1	2	2	1	1	2					

**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
374	FLZ	Fort Rucker	AL	USA	ch	10:24
383	PGR	Paragould	AR	USA	ch	04:57
374	T	(UNID)	-	XUN	du	05:37
378	HL	Henley Dunedin	-	NZL	et	14:18
371	ROR	Koror Babelthuap Is.	-	PLW	et	16:36
383	SGE	St George	QD	AUS	et	09:47
374	BML	Bromelton	QD	AUS	et	09:52
380	SU	Sunshine Coast	QD	AUS	et	10:12
371	HUG	Hughenden	QD	AUS	et	14:12
377	LEO	Leonora	WE	AUS	et	13:29
383	WLU	Wiluna	WE	AUS	et	13:59
379	ML	Milledgeville	GA	USA	ge	00:37
380	YU	Hualien	-	TWN	hf	14:18

370	LM	(UNID) (or LM 380?)	-	XUA	hf	14:18
379	XD	(UNID)	-	XUA	hf	14:18
383	FZ	(UNID)	-	XUA	hf	14:20
380	FIL	Horta Faial Is.	-	AZR	hj	01:42
373	HHI	Wahiawa	-	HWA	mx	22:00
376	PVQ	Deadhorse	-	ALS	sm	13:59
373	1A	Williams Harbour	NL	CAN	vm	02:43

### FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE173 370 - 384.9 kHz 23 - 26 Aug 2013  
NOW: CLE188 370 - 384.9 kHz 21 - 24 Nov 2014

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		1766		39		22		5734
CAN NS vm		1449		30		21		2878
CAN ON gr		953		23		24		2708
CAN ON tw		1159		41		35		3391
TWN hf		102		0		1		102
USA CA ir		1147		22		19		2351
USA FL cg		1008		19		19		2641
USA MA hj		1356		52		38		3543
USA MT sf		1078		33		31		1896
USA TX ch		1788		86		48		3476
USA VA mb		986		19		19		2004
USA WA so		548		6		11		1257
<b>Averages:</b>		1112		31		24		2665

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	1459	1264	23	18	16	14	3038	3038
CAN BC sm	1337	1722	37	67	28	39	2812	5353
CAN BC to	1107	1413	19	37	17	26	2961	5493
CAN ON ku	712	793	16	20	23	25	1534	2527
HWA mx	3432	4564	17	37	5	8	4732	8603
USA AZ dl	1248	1566	7	17	6	11	1538	3579
USA CA dn	1463	1665	28	30	19	18	2924	4536
USA CA pa	1430	2112	23	91	16	43	4842	6577
USA CO ac	1035	1400	30	69	29	49	1726	3638
USA IL dt	840	1190	31	87	37	73	1812	4514

USA MO dp	878	1136	24	77	27	68	2583	3547
USA NH jc	820	1176	16	41	19	35	2483	3786
USA NJ ge	861	917	12	23	14	25	2134	2134
USA NJ rs	902	963	9	15	10	16	2021	2021
USA OR sr	1043	1473	24	60	23	41	1962	4852
USA TX du	1125	1497	47	99	42	66	2635	4217
USA UT mu	1034	1005	19	21	18	21	1587	2096
USA WA rt	782	1422	12	43	15	30	1747	5246
<b>Averages:</b>	1195	1515	22	47	20	34	2504	4209
<b>% Increase:</b>		27		116		67		68

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

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 hh	ENG me	ENG re	FIN jt	HOL rb
376	PVQ	Deadhorse	ALS					04	
372	YCO	Kugluktuk (Coppermine), NU	CAN					04	
378	HO	Hopedale, NL	CAN	22	03	23	23		03

378	UX	Hall Beach, NU	CAN						04
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CLE188a5.xls  
bk 26 Nov 2014