

NDB LIST CLE No. 180 270 - 319.9 kHz 28 - 31 March 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, New Norfolk
CAN	BC	sm	Steve McDonald, Mayne Island
CAN	ON	ku	Marc Kulbacki, Windsor
CAN	ON	tw	Tony Ward, Whitby, Nr Toronto
CAN	QC	g1	Guillaume Perron, while at Brownsburg
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	FL	cg	Craig Cook, Oviedo
USA	NC	dw	Don Ward, Raleigh
USA	NH	jc	John Collins, Charlestown
USA	NJ	rs	Bill Riches, Cape May
USA	OR	mc	Mark McCarthy, Portland
USA	OR	sr	Steve Ratzlaff, La Grande, NE Oregon
USA	TN	g4	George Muha, while at Waverly
USA	TX	d0	Douglas Springfield, While at Tyler State Park
USA	UT	mu	Mark Moulding, Ogden, Northern UT
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. 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 et	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	USA WA so
ALS	-	275	CZF	Cape Romanzof			11																			
ALS	-	277	ACE	Homer Kachemak			12													12					11	
ALS	-	281	CRN	Sparrevohn Cairn Mtn			8													12	12				11	
ALS	-	283	DUT	Dutch Harbor Unalaska			11				12									12	11				11	
ALS	-	314	SPY	St Paul Is.							16															
AUS	NW	272	LHI	Lord Howe Is.	9	9																				
AUS	NW	281	BRW	Brewarrina	12																					
AUS	NW	287	WLE	Williamsdale	9	15																				
AUS	NW	290	SGT	Singleton	9	15																				
AUS	NW	293	COM	Cooma	9	1																				
AUS	NW	296	PLO	Point Lookout	10	15																				
AUS	NW	299	CWR	Cowra	9	9																				
AUS	NW	305	GTH	Griffith	9	9																				
AUS	NW	311	CFS	Coffs Harbour	9	15																				
AUS	QD	276	TVL	Townsville	11	16																				
AUS	QD	278	CG	Coolangatta	9	15																				
AUS	QD	284	GAY	Gayndah	11	15																				
AUS	QD	302	BUD	Bundaberg	11																					
AUS	QD	308	MK	Mackay	10	15																				
AUS	QD	311	NTN	Normanton	11																					
AUS	SA	287	LEC	Leigh Creek	9	15																				
AUS	SA	287	NRC	Naracoorte	9	9																				
AUS	SA	293	CDU	Ceduna	9	15																				
AUS	SA	308	OOD	Oodnadatta	9	15																				
AUS	SA	311	EDN	Edinburgh	9	9																				
AUS	TA	281	DPO	Devonport	9	1																				
AUS	TA	296	FLI	Flinders Is.	9	1																				
AUS	TA	302	WYY	Wynyard	9	9																				
AUS	VI	272	MIA	Mildura	9	15																				
AUS	VI	275	CWS	Cowes	9	1																				
AUS	WE	278	PBO	Paraburdoo	12																					
AUS	WE	287	KG	Kalgoorlie		15																				
AUS	WE	293	CUN	Cunderdin		16																				
CAN	AB	272	YLB	Lac La Biche			6						4	4						8	3		7	2	10	
CAN	AB	287	PE	Peace River			6						4							6	3		7		4	5
CAN	AB	292	ZET	Edmonton			8													11	5				9	
CAN	AB	295	8C	Fairview			6													6	5				9	

CAN	AB	299	TV	Turner Valley		6					7	2					2	3			8	6		
CAN	AB	304	FH	Whitecourt McLeod		6											9	4				7		
CAN	AB	305	Z1	Three Hills		8						4					6	4			7	7		
CAN	AB	307	M5	Manning		6											7	5				9		
CAN	AB	308	ZZD	Edmonton		6						8					7	5				7		
CAN	AB	311	9Y	Pincher Creek		6						4					7	3			8	7		
CAN	BC	272	XS	Prince George		6			12		10						2	3			8	18	5	
CAN	BC	280	V6	Salmon Arm		11																		
CAN	BC	290	YYF	Penticton		6				7	5	3	3				3	23			8	18	4	
CAN	BC	293	MB	Mill Bay		6											6	3				18	3	
CAN	BC	302	6K	Vernon													7					9		
CAN	BC	312	UNT	Naramata Penticton		6					8	8					7	23			8	7		
CAN	MB	275	AV	Winnipeg St Andrews		8		3				3					6	3		7		11		
CAN	MB	276	ZTH	Thompson Headframe		11		3				3						3				9		
CAN	MB	280	4B	Little Grand Rapids				2										11						
CAN	MB	280	4T	Shamattawa				3										11						
CAN	MB	284	QD	The Pas		6	10	2	4	12		7	6	1		6		3	23	6	7	8	9	4
CAN	MB	287	ZWG	Winnipeg Medicine Rock		8		3					3					11			9		9	
CAN	MB	300	YIV	Island Lake		8	10	16	2			9		2		10	8	9	3		9		7	
CAN	MB	305	YQ	Churchill Eastern Creek		6	3	16	2			8	5	1		6	1	6	3	7	7	7	7	
CAN	NB	304	ZQM	Riverview Moncton					3								1							
CAN	NL	270	ZNF	St John's													9							
CAN	NL	280	QX	Gander				2	3						1		1		5					
CAN	NL	281	CA	Cartwright				2	2						5	1								
CAN	NT	274	FR	Fort Resolution		6												7	3				10	
CAN	NU	277	YLC	Kimmirut					1								9							
CAN	NU	284	RT	Rankin Inlet				17	0					3	8	8	1				7			
CAN	ON	272	YQA	Muskoka		5	21	16	2				4	2	7	6	1	10		6	6	7		
CAN	ON	274	YPM	Pikangikum		8		16	2				4	2		5	9	9	3		7	8	9	
CAN	ON	276	YEL	Elliot Lake		9	18	16	2					3		6	10	10	10	4	6	7		8
CAN	ON	283	PT	Pelee Is.				16	3					3	8	6	8	3			6	7		
CAN	ON	300	YOG	Ogoki Post				16								10	8							
CAN	ON	317	ZZR	Trenton Severn				15	2							3	1							
CAN	QC	272	ZMR	Montreal Mirabel				17	2							6	16							
CAN	QC	273	ZV	Sept Iles				8	2						7	6	16	23		5				
CAN	QC	275	R1	Thetford Mines				3	2							6	16							
CAN	QC	276	YHR	Chevery				3	3							6	10	9						
CAN	QC	278	NM	Matagami		8	3	17	2				4	2		6	16	7	8	3	2	7		7
CAN	QC	285	UHA	Quaqtaq				3																
CAN	QC	289	YLQ	La Tuque				8	2				4			6	16	3						

USA TX	281	UVA	Uvalde								7	7	5	3	8				6			8				
USA TX	308	UTS	Huntsville																			7				
USA VA	274	AKQ	Wakefield													6	9									
USA VA	284	PTB	Petersburg													16	9	4								
USA WA	274	CAN	Bremerton Carney			8							4						12	11			17	3		
USA WA	284	FHR	Friday Harbor			8							5						6	3			18	3		
USA WV	284	RQY	Elkins					4							2											
USA WY	275	GEY	Greybull			8					6	6	5	3					7	3			7	8	6	
USA WY	280	GYZ	Guernsey			11					7		4	1					5	11			2			
USA WY	293	TOR	Torrington											1												
WAL -	315	HO	Hihifo Wallis Is							16																
Cou	St	kHz	Call	Location	AUS TA et	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	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	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	USA WA so	
ALS	Alaska (US State)	-			4				2									3	2					3	
AUS	Australia	NW	9	8																					
AUS	Australia	QD	6	4																					
AUS	Australia	SA	5	5																					
AUS	Australia	TA	3	3																					
AUS	Australia	VI	2	2																					
AUS	Australia	WE	1	2																					
CAN	Canada	AB			10							4	5					10	10			2	4	10	1
CAN	Canada	BC			5				1	1	3	3	1					5	4			3	5	3	
CAN	Canada	MB			6	3	8	3	1		3	2	6		3	2		4	8	2		5	2	6	1
CAN	Canada	NB						1								1									
CAN	Canada	NL					2	2							2	3	1		1						
CAN	Canada	NT			1													1	1					1	
CAN	Canada	NU					1	2					1	1	1	2						1			
CAN	Canada	ON			3	4	6	5				2	4	2	6	6	3	2	3	3	3	4	1	2	
CAN	Canada	QC			1	4	8	8				2	1	1	8	8	5	1	2	1	2	1	2	1	
CAN	Canada	SK			7		2		1		3	3	4		1			5	6	1	3	3	3	6	
CLM	Colombia	-									1				1							1			
CUB	Cuba	-												2	1							1			
DMA	Dominica	-					1							1		1									
GAL	Galapagos Is.	-									1		1		1							1			

LISTENING TIMES:

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

UTC (hh)	AUS TA et	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	USA WA so	
00:00 - 00:59						1							2										
01:00 - 01:59		4				2					7		2	8	1			1					
02:00 - 02:59					4	16					8		2			5		3		2			
03:00 - 03:59				2	9	8				1	15		1		3	2	21						3
04:00 - 04:59					6	3				13	10		4		1		6					3	2
05:00 - 05:59			2		3	2			1	11			6			1	7						2
06:00 - 06:59			20			2	1	3	5	2	1		28			10	3	9				2	
07:00 - 07:59								4	4	1		11	3		1	10		4	38	3	11		
08:00 - 08:59			19	3					5	1	2	9	3	7		4			5	15	1		
09:00 - 09:59	21	7	1						4		2		2	12	1	5			2	2	13		
10:00 - 10:59	2			2					3				2	2	2	3						4	
11:00 - 11:59	5		8													1	8					4	
12:00 - 12:59	2		1				4									4	5						
13:00 - 13:59																							
14:00 - 14:59																							
15:00 - 15:59		13		3																			
16:00 - 16:59		2			7		3						2	10									
17:00 - 17:59					5													1				1	
18:00 - 18:59				4	2																	4	
19:00 - 19:59					3																		
20:00 - 20:59																							
21:00 - 21:59				1																			
22:00 - 22:59																							
23:00 - 23:59															1		5						
UTC (hh)	AUS TA et	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	USA WA so	

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 ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	USA WA so
3	270	1					1	1					1	1	2								
17	272	2	2	4	2	6	4	1		4	4	5	2	10	3	1	3	4	2	5	3	3	1
3	273				1	2	1						3	2	2	1	1	1	1	1			
6	274			3		2	2				2	2		3	3		3	4		2	1	3	1
12	275	1	1	6		3	1		2	3	3	5	2	3	2		4	5	1	5	3	4	
5	276	1	1	2	1	3	2					2		3	2	2	1	2	1	1		2	
4	277			2			1				1				1		2	1				2	
15	278	3	2	2	2	4	4			1	2	4	5	6	5	1	2	4	2	5	1	1	
2	279						1								2								
6	280			2		4	2		1		1	1	1	2	2	1	1	4	1	1	1		
8	281	2	1	2		1	2		1	2	1	2	1	2	1		2	1	1	3		1	
2	282				1		1					1		1	1				2				
4	283			2	1	1	1	1				1	2	2	1	1	2	2	1	2		1	
9	284	1	1	2	1	2	3	1		1	2	3	3	5	2	1	2	2	3	3	1	2	2
1	285					1																	
1	286			1					1	1	1	1					1	1			1	1	
8	287	3	4	3		1					1	2			1		2	3		3		3	1
1	289				1	1	1				1			1	1	1							
3	290	1	1	2		1			1	2	2	2					2	2		1	2	2	1
1	292			1													1	1				1	
5	293	2	3	1								1					1	1				1	1
1	295			1													1	1				1	
3	296	2	2	1													1	1			1	1	
1	298														1								
4	299	1	1	1	1	1					1	1		2			1	1	1	1	1	1	1
2	300			1	1	2	1			1		1		2	2		1	1		1		1	
5	302	2	1	1		1				1	1	2					2	2		1	1	2	
1	303				1	1	1							1	1	1				1			
2	304			1			1								1		1	1				1	
6	305	1	1	4	1	1	1		1	3	3	5		1	1		4	5	1	3	3	3	
1	307			1													1	1				1	
4	308	2	2	1								1					1	1		1		1	
2	309									1				2						1			
2	310	1	1	1																		1	
5	311	3	2	1							1	1		1			1	1			1	1	
1	312			1						1	1						1	1			1	1	
4	314	1						1				1		1						2			

1	315							1																
2	316							1					1								1			
5	317			1	1	1	3	1		1	1	1		5	3		1	1	1	1	1	1	1	
NDBs	kHz	AUS TA et	AUS TA rw	CAN BC sm	CAN ON ku	CAN ON tw	CAN QC g1	HWA mx	USA AZ dl	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA NC dw	USA NH jc	USA NJ rs	USA OR mc	USA OR sr	USA TN g4	USA TX d0	USA UT mu	USA WA rt	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)

kHz	C/S	Location	St	ITU	Rptr	UTC
293	TOR	Torrington	WY	USA	ac	01:27
278	URC	Nueva Gerona	-	CUB	cg	07:53
287	HUA	Huntsville	AL	USA	d0	07:49
308	UTS	Huntsville	TX	USA	d0	07:04
278	GPQ	Carrollton	GA	USA	dw	04:06
309	EEX	Swainsboro	GA	USA	dw	06:42
272	IK	Kankakee	IL	USA	dw	05:26
311	DVK	Danville	KY	USA	dw	09:05
317	IN	Winston Salem	NC	USA	dw	00:34
276	IS	Kinston	NC	USA	dw	06:06
281	IL	Wilmington	NC	USA	dw	16:12
274	DLC	Dillon	SC	USA	dw	06:06
299	TR	Bristol	TN	USA	dw	07:40
314	RD	Miranda	-	NZL	et	09:37
281	BRW	Brewarrina	NW	AUS	et	12:11
302	BUD	Bundaberg	QD	AUS	et	11:22
311	NTN	Normanton	QD	AUS	et	11:23
278	PBO	Paraburdoo	WE	AUS	et	12:10
284	BT	Baton Rouge	LA	USA	g4	06:49
298	KU	Kook Islands	-	GRL	jc	08:50
279	CQX	Chatham	MA	USA	jc	16:50
278	PQ	Presque Isle	ME	USA	jc	08:16
270	ZNF	St John's	NL	CAN	jc	09:17
275	BBN	Babylon	NY	USA	jc	08:13
314	SPY	St Paul Is.	-	ALS	mx	16:00
316	MAJ	Majuro Atoll	-	MHL	mx	16:28
315	HO	Hihifo Wallis Is	-	WAL	mx	16:03
277	OT	Worthington	MN	USA	pa	05:55

287	KG	Kalgoorlie	WE	AUS	rw	15:35
293	CUN	Cunderdin	WE	AUS	rw	16:47
275	CZF	Cape Romanzof	-	ALS	sm	11:59
280	V6	Salmon Arm	BC	CAN	sm	11:00
272	GP	Grand Rapids	MN	USA	tw	04:30
285	UHA	Quaqtaq	QC	CAN	tw	03:33
kHz	C/S	Location	St	ITU	Rptr	UTC

FREQUENCIES REVISITED - Progress Statistics (Please see the explanation below)

THEN: CLE167 280 - 319.9 kHz 22 - 25 Feb. 2013
NOW: CLE180 280 - 319.9 kHz 28 - 31 Mar. 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		1631		49		30		5049
CAN BC sm		1426		73		51		3321
CAN QC g1		1017		35		34		2455
USA AZ dl		1228		9		7		1879
USA OR mc		1487		67		45		3357
USA TN g4		1006		18		18		2561
USA TX d0		1610		72		45		3791
USA WA so		571		4		7		1651
Averages:		1247		41		30		3008

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	1332	1421	32	37	24	26	2618	2898
CAN ON ku	907	810	34	12	37	15	2314	1984
CAN ON tw	1312	1254	59	49	45	39	3123	3568
HWA mx	4606	4546	41	36	9	8	5946	5946
USA CA dn	2389	2173	62	48	26	22	7840	5406

USA CA pa	1976	1947	75	56	38	29	3870	4011
USA CO ac	1327	1377	66	62	50	45	3375	4723
USA FL cg	1098	1284	7	26	6	20	2926	3878
USA NC dw	1378	1204	136	69	99	57	3689	4197
USA NH jc	1242	1134	65	44	52	39	3258	3258
USA NJ rs	966	1103	12	11	12	10	1943	1943
USA OR sr	1786	1503	129	83	72	55	8529	4665
USA UT mu	1665	1127	68	25	41	22	8683	2322
USA WA rt	916	1302	30	56	33	43	2097	3223
Averages:	1636	1585	58	44	39	31	4301	3716
% Increase:		-3		-25		-21		-14

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.

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 hh	ENG me	HOL rb
276	YHR	Chevery, QC	CAN	02	04	04	05	03
280	QX	Gander, NL	CAN	04	04	04	05	05
281	CA	Cartwright, NL	CAN	04		05	05	
305	LT	Alert, NU	CAN	01				

CLE180a5.xls
bk 2 April 2014