

NDB LIST CLE No. 203 350 - 369.9 kHz 22 - 25 Jan 2016, 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	NS	vm	Vernon Matheson, Truro
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	bc	Bob Coomler, Tucson
USA	AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA	CA	c9	Christoph Mayer, using remote Perseus at Stanford, CA
USA	CA	dn	Don Tomkinson, Upland
USA	CA	ir	Iden 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	MA	hj	Jonathan Jesse, Plymouth
USA	MN	gs	George Sherman, Apple Valley
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	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
USA	WA	wo	Waldo "Skip" Magnuson, Spokane

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 et	AUS TA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA cdn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA TX mu	USA WA rt	USA WA wo
ALS	-	350	VTR	Takotna River.			11		13						08														
ALS	-	355	AUB	King Salmon			14																						
ATG	-	369	ZDX	Coolidge St Johns				03		06	04		03		05	02		01		03		03			03	05			
AUS	NW	359	NWA	Nowra	11	16																							
AUS	NW	365	WLM	Williamtown	09	17																							
AUS	QD	353	LRE	Longreach	10	16																							
AUS	QD	356	HID	Horn Island	17	04																							
AUS	QD	359	AMB	Amberley	09	17																							
AUS	QD	364	CS	Cairns	18																								
AUS	SA	353	MTP	Mount Hope	11	17																							
AUS	TA	362	HB	Hobart Barilla Bay	04	09																							
AUS	VI	350	ESL	East Sale	04	09																							
AUS	VI	356	EN	Essendon	11	10																							
AUS	VI	362	BOL	Bolinda	04	09																							
AZR	-	360	HT	Horta														05											
BRA	-	350	STM	Santarem (PA)				04																			06		
BRA	-	360	JAC	Jacare a Canga (PA)				07			05					06											02		
CAN	AB	353	5F	Fox Creek			08					09																	
CAN	AB	361	E3	Wabasca			08									11													
CAN	AB	362	6T	Foremost			08																		02	04	04	10	
CAN	BC	350	NY	Enderby			05		08	04	00	09	04	04	02	02			09	07	10			04	04	03	08	18	
CAN	BC	356	ON	Penticton Okanagan			08				04	10	07	04	03										07	05	08		
CAN	BC	359	YAZ	Tofino			05	08			03	09	05	05	03	07									08	07	10		
CAN	BC	359	YQZ	Quesnel			05	08		06	04	09	05	04	03	07					12	11		04	02	04	06		
CAN	BC	364	4D	Helmet			10																						
CAN	BC	368	SX	Skookum Cranbrook			08			05	01	10	05	05	04	02								04	08	04	08		
CAN	BC	368	ZP	Sandspit			08	08			04	10	07	04	04	07					12	12		04	04	04	06	18	
CAN	MB	353	PG	Portage La Prairie			04			05	04	10			05	03			01	03	11			04	01	05			
CAN	MB	367	R5	Pukatawagan			11																						
CAN	NB	363	1F	Bathurst				18										03							05				
CAN	NB	366	ZMN	Moncton Lewisville				18										11											
CAN	NL	350	DF	Deer Lake				18								10		11		02		17	07		01				
CAN	NL	356	AY	St Anthony				03										03		06		17	08		04				
CAN	NL	358	NL	St John's Signal Hill				02										21				10							
CAN	NL	364	2B	Springdale				21										21				03							
CAN	NS	364	ZHZ	Halifax				18										21				04				05			
CAN	NT	356	ZF	Yellowknife			08				07	09		03	03	03					04	11			04	01	12	08	
CAN	NT	361	HI	Holman Is.			13																						
CAN	NU	350	RB	Resolute Bay			10											11			04					05			
CAN	NU	362	YZS	Coral Harbour			10													10	01				04	01			
CAN	ON	350	D7	Kincardine				02										11				10							
CAN	ON	353	F7	Georgian Bay														11				10			04				

Cou	Country	St	AUS TA et	AUS TA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA UT mu	USA WA rt	USA WA wo
ALS	Alaska (US State)	-			2		1						1														
ATG	Antigua and Barbuda	-				1		1	1		1		1	1		1		1					1	1			
AUS	Australia	NW	2	2																							
AUS	Australia	QD	4	3																							
AUS	Australia	SA	1	1																							
AUS	Australia	TA	1	1																							
AUS	Australia	VI	3	3																							
AZR	Azores	-														1											
BRA	Brasil	-				2			1					1											2		
CAN	Canada	AB			3				1	2	1	1	1	2				1	3				1	1	1	1	
CAN	Canada	BC			7		4	3	6	6	6	6	6	5				1	3	6			4	6	6	6	2
CAN	Canada	MB			2			1	1	1			1	1				1	1	1			1	1	1		
CAN	Canada	NB				2										2					1						
CAN	Canada	NL				4								1		4		2				2					
CAN	Canada	NS				1										1					1						
CAN	Canada	NT			2				1	1		1	1	1				1	1				1	1	1	1	
CAN	Canada	NU			2											1	1	2					1	2			
CAN	Canada	ON			1	5		2	3	2	1	1	3	4	3	6		4	4		6	2	3	4	4		
CAN	Canada	QC			3	6		2	2	1		2	2	3	3	5		2	4	2	5	2	3	4	5		
CAN	Canada	SK			2				2	1	1		2	2			1	2	2				2	2		1	
CAN	Canada	YT			2					1														1		1	
CHL	Chile	-																									1
CKS	Cook Is.(Southern)	-	1		1		1			1	1		1														
CUB	Cuba	-													1								1	1			
EQA	Ecuador	-			1	1		1	1	1	1		1	1		1		1			1		1	1			
FJI	Fiji	-	1																								
FSM	Micronesia	-			1		1		1	1	1		1														
GRD	Grenada	-				1												1						1			
HWA	Hawaii (US State)	-			1		1	1	1	1	1	1	1	1				1	1				1	1	1	1	
MHL	Marshall Is.	-					1			1																	
NCL	New Caledonia	-	1																								
NRU	Nauru	-	1				1																				
NZL	New Zealand	-	6	1																							
PNG	Papua New Guinea	-	1																								
PRU	Peru	-							1															1	1		
USA	USA	AL												1	2				3				2	3			
USA	USA	AR						3	3	1	3		2	3	2	1	1	3					3	3			
USA	USA	CT				1									1						1	1					
USA	USA	FL												1	2			2					1	2			
USA	USA	GA				1			2					2	8	2		7		4	1	2		2	7		
USA	USA	IA			3	1		1	4		3		2	3	1	2	5	6	4	2			2	6			
USA	USA	ID			2		1	2	2	2	2	2	2	2				1	2				1	2	2	2	1
USA	USA	IL							2					3		1	1	3		1			1	3			
USA	USA	IN				1								2	1	1	1	2		2		1		2			
USA	USA	KS			1			2	2	2	2	1	2	2			1	2	2				2	2	1	1	

VRG	Virgin Is.(Br)	-				1								1									1				
VUT	Vanuatu	-	1																								
XON	Offshore	NL				1									1												
XUA	UNID	-						1																			
Cou	Country	St	AUS TA et	AUS TA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA UT mu	USA WA rt	USA WA wo

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 NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA UT mu	USA WA rt	USA WA wo
00:00 - 00:59							7					22								2		2			
01:00 - 01:59		1		3			13					7		3	5	25						14			
02:00 - 02:59				13			8				4	18		1	1	2				3	1	30	33		
03:00 - 03:59				9			8		1	1	10	18		11	4	14		16				13	6		
04:00 - 04:59	3	1	1	1		9	15		13	20	12		1	6	5	19		4				15	18	5	
05:00 - 05:59			15			12	4		11	3	10			2									8	6	
06:00 - 06:59			1			12	1		5	2	5	3			4	1							3	1	2
07:00 - 07:59			2	2		3	6		4		3	6	2		1	4					3		2	1	
08:00 - 08:59			14		7		3	2	5		3	1	8			11					4		4		9
09:00 - 09:59	3	3	3		2				21	2	2		14		1	2		13	3	1	2	5		8	
10:00 - 10:59	1	1	7	5					18			1	3		1		7	6		1	9	2		4	
11:00 - 11:59	9		8					1				2	7	15	2		22			1					
12:00 - 12:59																3	10						2		
13:00 - 13:59	2		3		5		1																		
14:00 - 14:59			1																						
15:00 - 15:59	1																								
16:00 - 16:59		2																							
17:00 - 17:59	2	3																13							
18:00 - 18:59	3			5																4					5
19:00 - 19:59																17					2			2	
20:00 - 20:59																									
21:00 - 21:59				1										14	11										
22:00 - 22:59					1									1									8		
23:00 - 23:59																							3		
Totals:	24	11	55	39	15	36	66	42	41	27	49	78	35	53	35	98	41	52	10	15	69	113	21	25	5

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 NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA UT mu	USA WA rt	USA WA wo
19	350	3	1	7	4	2	4	8	4	6	4	7	9	2	7	4	10	5	3		1	6	12	3	4	1
4	351			2	2		2	2	2	1	2	2	3	2	3	2	4	2	3	1	2	2	4			
3	352	1		1		1	1	1	1	2		1	1	1			2					2	2			
19	353	2	2	9	1	1	6	8	8	3	4	8	8	5	5	4	10	8	4		2	10	11	4	3	1
1	354	1																								
6	355	1		2	1	1		1	1			1	1	1	2	1	3		2	1	1	1	4			
22	356	2	2	6	5		5	12	6	5	4	9	8	1	5	6	12	8	7	1	1	9	13	4	4	
1	357															1							1			
5	358	2		1	3										2				2				1			
18	359	2	2	5	1	4	5	8	5	7	4	6	9	1	3	4	11	5	3		1	9	12	4	4	1
10	360	1		1	3	1		3	1				4	2	2	1	4		1		1	5	8			
4	361	1		2									1	1	1		1	1	1				1			
21	362	2	2	5	6	1	3	7	5	5	4	5	10	5	5	5	14	3	5	4	1	10	14	2	3	
3	363			2	1		1		1				1	1	2		1		2	1	1	1	2			
5	364	2		1	2										2				2				1			
15	365	1	1	5	2	1	4	5	5	4	2	4	9	5	7	3	11	3	7		1	5	11	2	4	1
8	366	2	1	3	4	1	2	3	1	2	1	2	2	3	4	2	3	2	3	1	1	2	3			
1	367			1																						
14	368	1		4	2	1	2	6	2	5	2	3	10	4	2	3	9	4	5	1	1	6	11	2	3	1
2	369			1			1	2		1		1	2	1	1		2		2		1	1	2			
NDBs	kHz	AUS TA et	AUS TA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ bc	USA AZ sr	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA MA hj	USA MN gs	USA MO dp	USA MT sf	USA NH jc	USA NJ ge	USA NJ rs	USA TX ch	USA TX du	USA UT mu	USA WA rt	USA WA wo

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
353	UGH	Holguin	-	CUB	cg	08:03
368	SA	Savannah	GA	USA	cg	11:12
356	SJ	San Angelo Woole	TX	USA	ch	10:44
362	CD	Chadron	NE	USA	dn	04:46
355	SNO	Santo Domingo	-	CHL	du	02:26
364	MI	Momi Viti Levu Is.	-	FJI	et	13:05
354	FND	La Tontouta Noumea.	-	NCL	et	13:57
350	SY	Surrey	-	NZL	et	09:35
350	KI	Kaikoura	-	NZL	et	11:08
358	MI	Mosgjel Dunedin	-	NZL	et	11:16
366	TU	Timaru	-	NZL	et	11:37
358	NL	Newlands	-	NZL	et	11:41
368	PY	Port Moresby	-	PNG	et	18:09
361	BA	Bauerfield	-	VUT	et	11:09
364	CS	Cairns	QD	AUS	et	18:08
360	HT	Horta	-	AZR	hj	05:25
362	FM	Falmouth	MA	USA	hj	21:30
363	LA	(UNID) TWN?	-	XUA	mx	13:33
359	AMT	West Union	OH	USA	rs	08:00
355	AUB	King Salmon	-	ALS	sm	14:30
364	4D	Helmet	BC	CAN	sm	10:00
367	R5	Pukatawagan	MB	CAN	sm	11:30
361	HI	Holman Is.	NT	CAN	sm	13:00
353	ZXY	Klondike Whitehorse	YT	CAN	sm	10:00

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE186 350 - 369.9 kHz 26 - 29 Sept 2014
NOW: CLE203 350 - 369.9 kHz 22 - 25 Jan 2016

Listener	Av km	Av km	Total	Total	NDBs	NDBs	Max	Max
	THEN	NOW	km x 1000 THEN	km x 1000 NOW	THEN	NOW	km THEN	km NOW
HWA mx		4476		63		14		6189
USA AZ sr		2307		152		66		9664
USA CA c9		2634		111		42		8901
USA CA ir		1593		43		27		3980
USA FL cg		1099		38		35		2544
USA MT sf		1173		48		41		4835
USA NJ ge		516		5		10		1231
USA WA wo		439		2		5		1178
Averages:		1780		58		30		4815

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	2806	2540	81	61	29	24	9086	7549
AUS TA rw	1791	1392	29	15	16	11	3962	3620
CAN BC sm	1532	1983	66	109	43	55	4321	8596
CAN NS vm	914	1579	17	62	19	39	3143	5769
USA AZ bc	1464	2004	9	72	6	36	2150	5184
USA CA dn	2297	2385	53	98	23	41	7601	9041
USA CA pa	1901	2409	49	118	26	49	6058	8773
USA CO ac	1323	1658	60	129	45	78	5318	7048
USA MA hj	1247	1219	56	65	45	53	7952	4979
USA MN gs	553	750	11	26	19	35	1356	2247
USA MO dp	1098	1309	78	128	71	98	4688	6543
USA NH jc	931	1068	34	56	36	52	3678	5091
USA NJ rs	834	937	11	14	13	15	1813	1996
USA TX ch	795	1950	13	135	16	69	1326	5402
USA TX du	1421	1831	129	207	91	113	4146	7739
USA UT mu	1276	1309	20	27	16	21	4789	4789
USA WA rt	1058	1019	30	25	28	25	4319	4319
USA WA rt	929	1317	36	70	39	53	2257	3964
Averages:	1367	1608	44	79	32	48	4453	5805
% Increase:		18		81		50		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 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 me	ENG re	FRA ea	FRA jj	HOL rb
369	ZDX	Coolidge Saint Johns	ATG	00			07	06	04
350	STM	Santarem (PA)	BRA				04		
350	DF	Deer Lake, NL	CAN	06	06	02	00		02
350	RB	Resolute Bay, NU	CAN						02
356	AY	St. Anthony, NL	CAN	23			03		07
364	2B	Springdale, NL	CAN						03
362	GND	Grand Anse Port Salines	GR D				01		