

NDB LIST CLE No. 200 335 - 349.9 kHz 27 - 30 Nov. 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	NS	vm	Vernon Matheson, Truro
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	bc	Bob Coomler, Tucson
USA	AZ	dl	Dave Hollander, Phoenix, 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	IL	dt	Dave Tomasko, Galena
USA	MA	hj	Jonathan Jesse, Plymouth
USA	MD	ri	Rich Dalton, 3m NW of Newark, DE
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	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 '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. 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 NS vm	HWA mx	USA AZ bc	USA AZ dl	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MD ri	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 so
ALS	-	338	CMQ	Ted Stevens Anchorage		12																									
ALS	-	341	ELF	Cold Bay		13			12		12																				
ALS	-	346	OLT	Soldotna		08																									
ALS	-	347	DJN	Delta Junction		13																									
ALS	-	347	TNC	Tin City		15			15																						
AUS	NN	335	AS	Alice Springs	17																										
AUS	NW	335	YAS	Yass	10																										
AUS	NW	341	ECH	Echuca	10																										
AUS	NW	341	TW	Tamworth	09																										
AUS	NW	347	RIC	Richmond	09																										
AUS	QD	338	MA	Mount Isa	10																										
AUS	SA	341	CBP	Coober Pedy	11																										
AUS	VI	338	MCO	Mallacoota	08																										
AUS	VI	338	ROC	Rockdale	08																										
AUS	WE	340	PEA	Pearce	17																										
AUS	WE	347	NSM	Norseman	11																										
CAN	AB	338	ZU	Whitcourt		09	07				10				07	06		12				12	12				03	07		20	04
CAN	AB	343	YZH	Slave Lake		09	08				10	09			09	21		12			09	12	12				02	07		20	04
CAN	AB	344	YC	Calgary			08			05	10		03		10	21		17			05	08	12			04	06		09	06	
CAN	AB	344	YOP	Rainbow Lake		09	08				10					07							11							06	05
CAN	BC	344	XX	Abbotsford		09	08		12	05	10	04	03		07			12				07	12				10	06	05	20	23
CAN	MB	336	LF	La Salle		09									08	06		16			05	03	13				02	07			
CAN	MB	339	6X	York Landing		10									08	05		11				12					03				
CAN	MB	343	YGO	Gods Lake Narrows													17					03						07			
CAN	NL	339	YFT	Makkovik				03											22					09							
CAN	NL	340	ZJT	Stephenville				03											22									06			
CAN	NL	346	1D	Charlottetown				03											10												
CAN	NS	338	5Y	Trenton				03											23												
CAN	NS	341	GF	Aylesford Greenwood				03											22					02							
CAN	NU	335	YUT	Repulse Bay		08																	11								
CAN	NU	341	YCS	Chesterfield Inlet																		12									
CAN	ON	335	YLD	Chapleau		06		03		05		10	09		07	21	09	16	21	02	22	20	10	02	21	01	11	00		09	06
CAN	ON	335	ZKF	Kitchener				03								06		18	02	01		00		02			04	07			06
CAN	ON	341	YYU	Kapuskasing		06		03		05		11			10	22	10	17	22	02	22	20	11	18	21	22	10	01			
CAN	ON	341	ZLP	Toronto														11	22			07		02			10	08			
CAN	ON	344	ZSB	Sudbury Noranda														18	22			03					03	07			
CAN	ON	346	YXL	Sioux Lookout		09		03		05		11	09	04	08	21		17	22	03	05	20	12	02	09	08	03	06		08	05
CAN	QC	336	BV	Quebec Champlain				03									16	21				07		18	01		02	07			
CAN	QC	338	YPX	Puvirnitug		12		06							10	06		17	03		04	07		10			03	06			
CAN	QC	338	ZEM	Eastmain													17	10	23	05	00		02	09	10		04	07			
CAN	QC	340	YY	Mont Joli		06		03		05					08	06		17	22	01	05	00		18	02	22	04	01			
CAN	QC	343	ZBM	Bromont				03									03	22				01		18							
CAN	QC	344	YGV	Havre St Pierre				03									00	22				07		18			03	07			
CAN	SK	337	7D	Hudson Bay		09										06		12				11	11				03				05

CAN	SK	347	PA	Prince Albert		09	08					10			07	21		16			06	10	12				03	06		08	05
CAN	YT	341	DB	Burwash		09	07		11			10	09		07								13				10			13	05
CUB	-	339	UJM	Havana																											
CYM	-	344	ZIY	George Town Gr.Cayman				03		05			09		10	06	10			23	03		01		03		03	04	06		
GRL	-	341	SM	Sisimiut																					21						
HWA	-	339	BSF	Camp Pohakuloa					05																						
MDR	-	338	PST	Porto Santo															00												
MTS	-	343	ML	Minami Tori Shima	17							10																			
NCL	-	338	AV	La Tontouta	12																										
NCL	-	342	BL	Ile Art Is.	16																										
NIU	-	345	NU	Niue	16																										
NZL	-	346	MO	Manapouri	11																										
NZL	-	346	TG	Tauranga	10																										
SLM	-	348	HN	Honiara	12																										
TUV	-	340	FU	Funafuti	14																										
USA	AR	335	BV	Batesville						05						02		12		02		20					10	00			
USA	AR	338	TT	Stuttgart						05					08	02	10	11			05	00					11	00			
USA	AZ	338	RYN	Tucson Ryan Field		12			11	04	03	10	03	03	05	21	12					07	12				04	00	05	07	06
USA	CA	335	CC	Concord Kanan		09						10	03	00	05	05							12				12		05	07	05
USA	CA	344	FCH	Fresno Chandler.		09	07		07	05	03	10	03	00	05	02		12				12	12				12	01	05	07	05
USA	CO	335	IHS	Fort Carson						05						21		11									12	07			
USA	FL	335	LEE	Leesburg												09															
USA	FL	344	JA	Jacksonville				03		05		06				05	10	11	02	02	05	01		02		05	03	01			
USA	FL	349	AAF	Apalachicola						05						05	10	00				01					03	07			
USA	GA	335	AWS	Columbus																		03					02	00			
USA	GA	335	SV	Savannah													15					06									
USA	GA	338	CYR	Cairo												09	11					10						00			
USA	GA	339	OP	Thomaston													11					00						00			
USA	GA	340	JES	Jesup															03									01			
USA	GA	344	FT	Atlanta																		09					02	01			
USA	GA	344	IWJ	Blakely												10	00					01						06			
USA	IA	338	SHL	Sheldon		08										02		16			19	20					03	08			
USA	IA	341	DB.	Dubique													17					20					12	08			
USA	IA	341	FO	Fort Dodge												02		17			19	20					03	01			
USA	IA	344	DS	Des Moines													17				08	20					02	06			
USA	IA	345	PUF	Estherville												02		17				20					10	06			
USA	IA	348	MC	Mason City		08									11	09	16				05	20					11	07			
USA	ID	347	LEN	Leeny		06						11	08										12							07	07
USA	IL	347	MT	Mattoon Charleston													17					20					03	08			
USA	IN	338	UMP	Indianapolis				03								02	16	23	03	07	20		03		06		00				
USA	IN	341	SB	South Bend													17					07					10	06			
USA	IN	347	ANQ	Angola				03										22													
USA	IN	347.5	ANQ	Angola													16					01		09			04	07			
USA	IN	349	FV	Indianapolis																				10							
USA	KS	341	OIN	Oberlin		10				05	09	10	03		07	21	17					20	12				04	01	05		
USA	KS	347	GC	Garden City											11	21	15					04					04	06			
USA	KY	340	GN	Lexington													21	02				09		09			02	01			
USA	KY	341	OW	Owensboro																		20					03	01			

USA	LA	344	TKH	Vicksburg	Vicksburg								03		11				01						03	01									
USA	MA	342	HY	Hyannis	Bogey.											22					01														
USA	MD	349	APG	Aberdeen Proving Grnds			08								03	22	02			04		02	17	19		10	08								
USA	ME	348	BUP	Pittsfield			03									22						02													
USA	MI	336	MA	Cadillac											16	11				07						10									
USA	MI	338	DE	Detroit			03								12	21				07		10				04	07								
USA	MI	344	ES	Escanaba											17																				
USA	MN	335	COQ	Cloquet											16					19	03					12	07								
USA	MN	337	FF	Fergus Falls		13							02		16					19	20	11				12	07					07			
USA	MN	341	ORB	Orr											03																				
USA	MN	342	PFT	Pinecreek		09							22		00					08	03	12				12	08					06			
USA	MN	342	ST	St Cloud								04			17					19	01						07								
USA	MN	346	GHW	Glenwood																22															
USA	MO	338	LM	St Louis											16																				
USA	MO	344	JL	Joplin											03						01						03	01							
USA	MS	346	THJ	Laurel						05					07						01						11	06							
USA	MS	349	GW	Greenwood						05					11	02					01						04	07							
USA	MT	335	CVP	Helena		09	07			05	10	10	03	03	07	21					07	12				04	07	05		07	03				
USA	MT	339	MKR	Glasgow Milk River		10						10	08	03	07	21					12	12				04		05		06	05				
USA	MT	344	BKU	Baker		09	08			05	10	10	07	03	08	21					18			19	20	12		04	08	05	07	05			
USA	MT	347	SBX	Shelby		15	08			05	10	10	07	04	05	21						12	12				12	06	05		07	06			
USA	NC	338	POB	Fayetteville	Pope																11	02	02												
USA	NC	346	VU	Albemarle																	03	02	02												
USA	ND	345	GF	Grand Forks																															
USA	ND	345	GF	Grand Forks												06					17			08	12	12		04	08						
USA	NM	335	CV	Clovis						05						03					11				09		12	00							
USA	NM	341	SG	Santa Fe							09				09											10									
USA	NY	335	SW	Newburgh																	03	23													
USA	NY	344	AVN	Rochester			01														03	23	03												
USA	OH	335	LUK	Cincinnati			08														18	23			00		02	00							
USA	OH	338	YN	Youngstown	Warren																	03													
USA	OH	341	CCJ	Springfield																	18	02	02		00		02	01							
USA	OK	338	TU	Tulsa		07				05						04					11				03			02	00						
USA	OK	341	EI	Enid																							10	01							
USA	OK	344	ML	Mc Alester																							03	01							
USA	PA	344	PIX	Picture Rocks																	03	02	02												
USA	PA	349	ER	Erie																															
USA	PA	349	ER	Erie																															
USA	SC	338	GY	Greenville																															
USA	SC	341	HVS	Hartsville																															
USA	SC	347	AIK	Aiken																															
USA	SD	347	YK	Yankton																															
USA	SD	347	YK	Yankton		08										02					16				08	20		04	06						
USA	TN	335	CK	Clarksville																															
USA	TN	341	CQN	Chattanooga												09	08					02	02		00		09		03	00					
USA	TN	341	CQN	Chattanooga																															
USA	TX	335	DR	Del Rio						05						02					11				07			04	00						
USA	TX	338	HR	Harlingen						06						04					12				11			04	00						
USA	TX	341	DNI	Denison						05	10	06			10	21								01			04	01							
USA	TX	341	HRX	Hereford						00						04								00				11	01						
USA	TX	344	CGQ	Corsicana						05						09								01				04	01						
USA	TX	344	SKB	Wichita Falls						06						02								01				04	01						

01:00 - 01:59				1									1		3		16		1	1	1		23				
02:00 - 02:59															10	10				16	2		11	1			
03:00 - 03:59				19			3		5	7			8		3	5		9		2		1	19			2	
04:00 - 04:59						1			1	2							1	2				22			2		
05:00 - 05:59					1	25			1			4	4				9				1			10	10		
06:00 - 06:59	4			1	2			1	1				8				2	1			1		17		3	5	
07:00 - 07:59	2	4	1	1					2			10	2				1	12					23		9	1	
08:00 - 08:59	2	6	9	2					3			6		1			4	1		1	1		9		2		
09:00 - 09:59	2	15					2		5			2	4	3			1	3		4	4				2		
10:00 - 10:59	4	3					3	20				5		7				4	1	4		1	12		1		
11:00 - 11:59	3				2				4			3			18	1		2	5			6					
12:00 - 12:59	2	4			2	2			1						12			8	19			9					
13:00 - 13:59		3																	3						1		
14:00 - 14:59	1																										
15:00 - 15:59		2			1										2												
16:00 - 16:59	2														14												
17:00 - 17:59	3														18						1	1					
18:00 - 18:59															5					6							
19:00 - 19:59																	6					2					
20:00 - 20:59																	18								5		
21:00 - 21:59												15			1	3				1	2						
22:00 - 22:59												2				15		3				2					
23:00 - 23:59															6	1										2	
UTC (hh)	AUS TA et	CAN BC sm	CAN BC to	CAN NS vm	HWA mx	USA AZ bc	USA AZ dl	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MD ri	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 so
Totals:	19	39	13	24	7	31	8	26	18	12	30	54	11	83	43	19	27	87	28	34	11	11	79	88	11	22	22

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 NS vm	HWA mx	USA AZ bc	USA AZ dl	USA CA c9	USA CA dn	USA CA ir	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA MA hj	USA MD ri	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 so
19	335	2	4	1	3		6	1	3	3	2	3	8	2	12	4	3	2	12	4	4	2	1	12	13	2	3	4
4	336		1		1							1	1		4	3	1	1	3	1	2	2	1	3	3			
2	337		2										2		2			1	2	2				2	1		1	1
23	338	4	7	1	4	1	4	1	3	1	1	4	8	3	14	9	3	5	13	3	6	1	2	10	14	1	3	3
6	339		2		1	1			1	1	1	2	2		3	1			3	1	1			2	2	1	1	1
6	340	2	1		2		1					1	1		2	4	1	1	2		2	1	1	2	4			
23	341	3	4	1	3	2	4	2	5	3		5	6	2	8	5	4	2	13	3	6	1	1	14	13	1	1	1
4	342	1	1										2		2	1		2	2	1	1			1	2		1	
4	343	1	1	1	1				2	1		1	1		3	1	1	1	3	1	1			1	2		1	1
22	344	1	5	6	4	2	9	3	7	5	5	6	10	3	16	7	4	5	17	6	5	2	3	16	17	4	6	6
3	345	1	1										2		2			1	2	1				2	2			

USA CA ir	1196	14	12	2585
USA FL cg	877	10	11	2314
USA MD ri	914	17	19	2334
USA MN gs	846	23	27	2007
USA MT sf	1139	32	28	2717
USA TX ch	1872	148	79	4296
Averages:	1317	40	27	3308

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	2726	2580	55	49	20	19	7502	7502
CAN BC sm	1449	1799	38	70	26	39	3948	3948
CAN BC to	1152	1030	20	13	17	13	2347	1576
CAN NS vm	1096	1303	14	31	13	24	3346	3346
HWA mx	4050	3840	36	27	9	7	5737	4966
USA CA dn	1570	1871	17	34	11	18	3389	3933
USA CA pa	1242	2108	19	63	15	30	1755	4343
USA CO ac	1112	1365	18	74	16	54	3317	3214
USA IL dt	816	1113	27	92	33	83	2595	2595
USA MA hj	1095	1159	22	50	20	43	2719	4806
USA MO dp	1234	1146	43	100	35	87	2745	2745
USA NH jc	992	1032	23	35	23	34	2795	2866
USA NJ ge	922	777	14	9	15	11	2409	1751
USA NJ rs	1203	1087	7	12	6	11	2291	2291
USA TX du	829	1425	22	125	27	88	2889	3559
USA UT mu	1096	881	20	10	18	11	2882	1197
USA WA rt	1388	1187	33	26	24	22	3921	2873
USA WA so	787	1235	6	27	8	22	1867	3267
Averages:	1375	1497	24	47	19	34	3247	3377
% Increase:		9		95		83		4

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	FRA ea	USA MA hj
340	YY	Mont Joli, QC	CAN	02	
338	PST	Porto Santo.	MDR		00