NDB LIST CLE No. 206 **190 - 239.9 kHz & nnn.5 kHz** **22 - 25 Apr. 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
CAN	BC	bt	Brian Butler, Hazelton
CAN	BC	sm	Steve McDonald, Mayne Island
CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
CAN	ON	mv	Mitch Powell, London
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	d5	Dick Palmer, While at Green Valley
USA	AZ	sr	Steve Ratzlaff, Near Sahuarita, SE 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	IL	dt	Dave Tomasko, Galena
USA	IL	fy	Joe Farley, Downers Grove
USA	MD	ri	Rich Dalton, 3m NW of Newark, DE
USA	NH	jc	John Collins, Charlestown
USA	NJ	ge	George Muha, Cream Ridge
USA	NJ	rs	Bill Riches, Cape May
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. 08 indicates logged between 08:00-08:59 UTC)
Any Offshore NDBs and UNIDs appear at the end of the list.

Cou	St	kHz	Call	Location	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
ALS	-	209	CYT	Yakataga		08	12																		09
ALS	-	212	CGL	Coghlan Is.		07	12																		09
ALS	-	223	AFE	Kake		08	12																		11
ALS	-	227	MHM	Minchumina			11																		
ALS	-	229	AKW	Klawock		07	12																		11
ALS	-	233	ALJ	Hinchinbrook Is.		06	12	07		09		09	09	06	08										09
AUI	-	282.5	RT	Rurutu	11																				
AUS	NN	203	JVS	Jervois	12																				
AUS	NN	218	BRL	Borroloola	11																				
AUS	NN	233	AYE	Ayers Rock Yulara.	19																				
AUS	NN	233	NGU	Ngukurr	11																				
AUS	NW	200	CBB	Coonabarabran	10																				
AUS	NW	200	TIB	Tibooburra	10																				
AUS	NW	206	BIK	Bindook	10																				
AUS	NW	206	BNA	Ballina	11																				
AUS	NW	206	CNM	Coonamble	10																				
AUS	NW	209	SCO	Scone	10																				
AUS	NW	212	GLI	Glen Innes	19																				
AUS	NW	215	HAY	Hay	11																				
AUS	NW	215	MRY	Moruya	11																				
AUS	NW	215	NRM	Narromine	10																				
AUS	NW	221	WG	Wagga Wagga	11																				
AUS	NW	224	WMD	West Maitland	10																				
AUS	NW	233	KAT	Katoomba	11																				
AUS	NW	236	AY	Albury	11																				
AUS	NW	239	LIS	Lismore	11																				
AUS	NW	239	WOL	Wollongong	11																				
AUS	QD	209	CMT	Clermont	11																				
AUS	QD	215	RMD	Richmond	11																				
AUS	QD	218	CMU	Cunnamulla	11																				

AUS	QD	218	MRB	Moranbah	11																					
AUS	QD	221	TAM	Taroom	11																					
AUS	QD	236	BKT	Bourketown	11																					
AUS	SA	200	MPA	Minnipa Black Field	10																					
AUS	SA	206	AMK	Andamooka	11																					
AUS	SA	215	KSC	Kingscote	11																					
AUS	SA	227	LRT	Lake Albert	10																					
AUS	SA	227	OOM	Moomba	10																					
AUS	TA	230	NIE	Nile	10																					
AUS	VI	203	HML	Hamilton	10																					
AUS	VI	203	WGT	Wangaratta	10																					
AUS	VI	209	WKB	Warracknabeal	10																					
AUS	VI	212	BNS	Bairnsdale	20																					
AUS	VI	212	POD	Portland	10																					
AUS	VI	212	SHT	Shepparton	10																					
AUS	VI	218	PLE	Plenty Melbourne	11																					
AUS	VI	227	LVG	Mount Livingstone	10																					
AUS	VI	239	BLT	Ballarat	11																					
AUS	WE	206	BGO	Balgo Hill	19																					
AUS	WE	221	KU	Kununurra	10																					
AUS	WE	221	SCR	Southern Cross	12																					
AUS	WE	227	NRB	Narembeen	12																					
AUS	WE	230	LST	Leinster	11																					
AUS	WE	233	NWN	Newman	12																					
AUS	WE	233	PIY	Pingelly	11																					
CAN	AB	207	PY	Fort Chipewyan			04						06	09	07											08
CAN	AB	215	ZAB	Edmonton			10																			08
CAN	AB	221	9A	Hanna			07																			09
CAN	AB	221	QU	Grand Prairie		04	07	07				06		05											09	09
CAN	AB	225	X5	Vegreville			07							09												09
CAN	AB	227	9X	Brooks			07																			06
CAN	AB	230	VG	Vermillion			09	08				07	09	06	11											09
CAN	AB	239	OJ	High Level		06	05	07				06	04	07	08											06
CAN	BC	200	5M	Sparwood Elk Valley			07																			
CAN	BC	200	UAB	Anahim Lake		02	07	07				09		03	07		10								04	09
CAN	BC	200	YDL	Dease Lake		07		07					08													
CAN	BC	200	YJ	Victoria Sidney Is			07	07				05	06												09	17

CAN	BC	203	YBL	Campbell River		07	10	06					06	05										09	17
CAN	BC	203	ZKI	Kitimat		02	10	07						03											09
CAN	BC	206	EF	Castlegar Champion		07	10	07						05											09
CAN	BC	214	LU	Abbotsford		04	06	07		12		06	06	04	10									09	17
CAN	BC	218	PR	Prince Rupert Digby Is.		02	12	07		09		09	09	04										09	09
CAN	BC	223	YKA	Kamloops		03	07	07				06	08	04										03	17
CAN	BC	227	CG	Castlegar		03	07	07				05	09	04	11		10							09	18
CAN	BC	230	YD	Smithers		02	09	07						09											09
CAN	BC	236	YZA	Ashcroft		03	07	07				06	08	04	08									09	17
CAN	MB	201	ZWN	Winnipeg			07								09										09
CAN	MB	207	YNE	Norway House			05					06		05	09		10	05							09
CAN	MB	212	YGX	Gillam			06					08			07		10	06							09
CAN	MB	215	ZWW	Winnipeg Boine.													10								
CAN	MB	224	DN	Dauphin			07					09		09	09		18	07							06
CAN	MB	233	BR	Brandon			09					06		07	11		11								09
CAN	MB	236	ZHT	Winnipeg			07								09										
CAN	NB	207	CL	Charlo																01					
CAN	NB	212	SJ	Saint John															03	01		02			
CAN	NB	224	QM	Moncton					03											02	06	08			
CAN	NL	233	UM	Churchill Falls																02					
CAN	NS	206	QI	Yarmouth					03								01	04		01	01	06			
CAN	NS	229	PD	Port Hawkesbury																02					
CAN	NS	230	AC	Pleasant Lake Yarmouth																02					
CAN	NT	222	WY	Wrigley		05	07					08													06
CAN	NU	208	YSK	Sanikiluaq			07								07		10	05							
CAN	ON	200	YAQ	Kasabonika											08		10	05							
CAN	ON	201	YKX	Kirkland Lake			09										10			09					
CAN	ON	201	YVZ	Deer Lake													10								
CAN	ON	201	ZXU	London					16								18								
CAN	ON	206	XBE	Bearskin Lake			09								07										
CAN	ON	207	FD	Brantford					16								11								
CAN	ON	209	IB	Atikokan			07		03			06		09	09		10								
CAN	ON	215	YTR	Trenton					17																
CAN	ON	216	YFA	Fort Albany			08		09						10		01	05		09					
CAN	ON	218	RL	Red Lake			07		03			04	07	09	09		10	05				06			06
CAN	ON	219	YMG	Manitouwadge					17					05	07		01	09		02		08			
CAN	ON	221	HM	Hamilton					16								11								

CAN	ON	223	YYW	Armstrong			09		03			04			09		18	07		02	02	02			
CAN	ON	224	MO	Moosonee			09		03			07		09	07		18	05		02	01				
CAN	ON	227	YAC	Cat Lake			09								07		10								
CAN	ON	230	ZUC	Ignace					09																
CAN	ON	233	QN	Nakina			09		03			04		08	07		11	06				02			06
CAN	ON	235	CN	Cochrane					17								10	09		09					
CAN	ON	236	OW	Ottawa Ramsayville					16								01			02					
CAN	ON	236	ZRJ	Round Lake					03						07		10								
CAN	QC	201	GL	La Grande Riviere			09											08							
CAN	QC	201	RI	Riviere Du Loup																08					
CAN	QC	209	MT	Chibougamau					17								18	05	03	01	01				
CAN	QC	213	YRC	Chicoutimi St Honore																02					
CAN	QC	214	K8	Nemiscau																08					
CAN	QC	216	ME	Matane																02					
CAN	QC	218	YUY	Rouyn Noranda					17								01	08		02		23			
CAN	QC	219	W7	Du Rocher Perce Pabok.																02					
CAN	QC	220	BX	Blanc Sablon					03										03	02	06	04			
CAN	QC	230	QB	Quebec																02	06	06			
CAN	QC	230	YBM	St Bruno de Guigues																08					
CAN	QC	232	GP	Gaspe					03											02					
CAN	QC	235	9H	La Grande 3					03									08		02					
CAN	SK	204	ZQR	Regina			10					08			09										06
CAN	SK	219	ZRS	Regina			07					08		09	09		10								09
CAN	YT	214	DA	Dawson		06																			
CAN	YT	236	JB	Whitehorse / Laberge		07	09																		
INS	-	201	WK	Waikabubak	11																				
INS	-	215	AL	Halim Perdanakusuma	12																				
INS	-	223	PO	Bima	11																				
MEX	-	214	CHX	Choix							09	04	09	09											
NCL	-	325.5	NW	La Tontouta	11																				
NZL	-	226	FY	Ferry Wellington	10																				
NZL	-	226	KK	Kerikeri.	10																				
NZL	-	230	AP	Taupo	10																				
NZL	-	238	KT	Kaitaia.	11					12															
TUA	-	284.5	MH	Manihi Atoll	11							10		10											
TUA	-	332.5	AA	Tukuhora Anaa Atoll	11							10		10											
USA	AL	211	AN	Anniston													10								

USA	AL	224	BH	Birmingham								07				07									
USA	AR	223	FS	Fort Smith								09													
USA	AR	226	REN	Warren																			21		
USA	AR	227	TNZ	Walnut Ridge								07													
USA	AR	234	TX	Texarkana								07		08			10						10		
USA	AZ	206	SOW	Show Low			12				09	04	09	04	11		10								
USA	AZ	220	RBJ	Tucson							09	04	09	03											
USA	CA	203	TCY	Tracy			11					08	08	03											
USA	CA	205	COR	Sayler Farms Corcoran			10					05	09	04	11										09
USA	CA	209	HGT	Tusi AHP Ft Hunter Liggett									09	04											
USA	CA	233	LG	Long Beach								04	09	04											
USA	CO	209	ITR	Burlington			10					04	06	04	11		18								
USA	FL	221	OR	Orlando												10									
USA	IA	206	IIB	Independence			09										01								
USA	IA	212	MPZ	Mount Pleasant			09							09			01								
USA	ID	211	HDG	Gooding Steelhead			06					05	09	04	11		10							02	08
USA	ID	220	HLE	Hailey									09												
USA	ID	238	MPA	Nampa			10					06		04										09	08
USA	IL	218	AL	Alton													11								
USA	IN	212	VP	Valparaiso													01	01							
USA	IN	219	EVV	Evansville													10								
USA	IN	227	GW	Auburn					17								01	06							
USA	IN	227	SQ	Connersville													10								
USA	IN	347.5	ANQ	Angola													11								
USA	KS	212	CFV	Coffeyville								09	06		09		18						21		
USA	KY	236	BW	Bowling Green													18								
USA	LA	230	BNZ	Abbeville								09		07									10		
USA	MA	205	ORE	Orange																01					
USA	MA	227	TAN	Taunton																02					
USA	ME	221	RQM	Rangeley																08					
USA	MI	206	AP	Alpena					17																
USA	MI	212	JX	Jackson													18								
USA	MI	223	JZJ	Detroit					17								18								
USA	MI	381.5	SJX	Beaver Is.											06		11								
USA	MN	239	BBB	Benson			10								08		09								
USA	MO	208	CHQ	Charleston													11								
USA	MO	227	FZ	St Louis													10								

USA	MO	233	AZN	St Joseph								09		07			10								
USA	MT	236	FOR	Forsyth			07					05		04	09		10								06
USA	NC	198	DIW	Dixon			07		04			04	07	04	09	09	10	05	10	01	01	20	03		
USA	NC	216	CLB	Wilmington Carolina Beach			07		17			04	09	04	09		01	01	10	02	23	20	04		
USA	ND	230	BI	Bismarck			09					07			11		10								
USA	NE	233	OKS	Oshkosh			07					07		08	11		11								
USA	NH	209	MJ	Manchester-Boston.																01					
USA	NH	216	CO	Concord																02					
USA	NY	204	GB	Buffalo					17																
USA	NY	209	GF	Glens Falls																01					
USA	NY	220	FZ	Syracuse																02					
USA	NY	231	BU	Buffalo					17																
USA	OH	219	TO	Toledo													11								
USA	OH	223	MW	Dayton Wright Franklin (etc!)													10								
USA	OH	230	BU	Columbus													10								
USA	OH	239	HKF	Middletown					17						08		09			09					
USA	OK	201	BV	Bartlesville													11								
USA	OK	215	TQH	Tahlequah									07												
USA	OR	225	LWG	Corvallis Lewisburg			12							09											06
USA	PA	204	MD	Harrisburg															10						
USA	PA	219	CX	Harrisburg															10						
USA	SD	203	AB	Aberdeen			09										11								
USA	SD	215	AT	Watertown			09										11								
USA	TN	203	DMZ	Dickson											10		10						04		
USA	TN	212	UC	Obion Union City											10										
USA	TN	217	HZD	Huntingdon Carroll Co.																			04		
USA	TX	201	GV	Greenville										04											
USA	TX	212	LIU	Littlefield									07		11										
USA	TX	215	CSZ	Athens Crossroads																			10		
USA	UT	217	EC	Cedar City Meggi.			12					05	09	04	07									10	
USA	VA	223	DAA	Fort Belvoir															10			10			
USA	VA	237	EZF	Fredericksburg															10	09	23	21			
USA	VT	221	DYO	Rutland																02					
USA	WA	216	GRF	Fort Lewis Gray AAF.			07																		17
USA	WI	206	RA	Racine													01	01							
USA	WI	215	ISW	Wisconsin Rapids													01								
USA	WI	221	ARV	Minocqua-Woodruff. Lakeland													10								

USA	WI	221	RP	Rice Lake													10								
USA	WI	230	AT	Appleton													10								
USA	WI	239	EA	Eau Claire													11								
Cou	St	kHz	Call	Location	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt

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	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
ALS	Alaska (US State)	-		5	6	1		1		1	1	1	1										5
AUI	Austral Is.	-	1																				
AUS	Australia	NN	4																				
AUS	Australia	NW	16																				
AUS	Australia	QD	6																				
AUS	Australia	SA	5																				
AUS	Australia	TA	1																				
AUS	Australia	VI	9																				
AUS	Australia	WE	7																				
CAN	Canada	AB		2	8	3				3	3	5	3									1	8
CAN	Canada	BC		11	12	12		2		7	8	10	4		2							8	11
CAN	Canada	MB			6					4		3	6		5	3							5
CAN	Canada	NB					1										1	3	1	2			
CAN	Canada	NL																1					
CAN	Canada	NS					1								1	1		3	1	1			
CAN	Canada	NT		1	1					1													1
CAN	Canada	NU			1								1		1	1							
CAN	Canada	ON			9		15			5	1	5	11		17	8		7	2	4			2
CAN	Canada	QC			1		5								2	4	2	12	3	3			
CAN	Canada	SK			2					2		1	2		1								2
CAN	Canada	YT		2	1																		
INS	Indonesia	-	3																				
MEX	Mexico	-							1	1	1	1											
NCL	New Caledonia	-	1																				

Cou	Country	St	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
NZL	New Zealand	-	4					1															
TUA	Tuamotu Archipelago	-	2							2		2											
USA	USA	AL								1				1	1								
USA	USA	AR								3		1			1						2		
USA	USA	AZ			1				2	2	2	2	1		1								
USA	USA	CA			2					3	4	4	1										1
USA	USA	CO			1					1	1	1	1		1								
USA	USA	FL												1									
USA	USA	IA			2							1			2								
USA	USA	ID			2					2	2	2	1		1							2	2
USA	USA	IL													1								
USA	USA	IN					1								5	2							
USA	USA	KS								1	1		1		1						1		
USA	USA	KY													1								
USA	USA	LA								1		1									1		
USA	USA	MA																2					
USA	USA	ME																1					
USA	USA	MI					2						1		3								
USA	USA	MN			1								1		1								
USA	USA	MO								1		1			3								
USA	USA	MT			1					1		1	1		1								1
USA	USA	NC			2		2			2	2	2	2	1	2	2	2	2	2	2	2		
USA	USA	ND			1					1			1		1								
USA	USA	NE			1					1		1	1		1								
USA	USA	NH																2					
USA	USA	NY					2											2					
USA	USA	OH					1						1		4			1					
USA	USA	OK									1				1								
USA	USA	OR			1							1											1
USA	USA	PA															2						
USA	USA	SD			2										2								
USA	USA	TN											2		1						2		
USA	USA	TX									1	1	1								1		
USA	USA	UT			1					1	1	1	1									1	
USA	USA	VA															2	1	1	2			
USA	USA	VT																1					
USA	USA	WA			1																		1
USA	USA	WI													6	1							

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

UTC (hh)	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
01:00 - 01:59													12	3		8	4				
02:00 - 02:59		4														21	1	3		1	
03:00 - 03:59		3			11					4					3				1	1	
04:00 - 04:59		2	1		1			10	1	17				1				1	3	1	
05:00 - 05:59		1	2					6		5				8							
06:00 - 06:59		3	3	1				9	6	2	1			3			3	3			9
07:00 - 07:59		6	23	14				7	4	4	11	1		2							
08:00 - 08:59		2	1	1				5	4	3	6			3		4		2			4
09:00 - 09:59			16		2	2	3	8	14	11	13	1	2	2		5				8	18
10:00 - 10:59	21		9					2		2	4	1	32		6			1	3	1	
11:00 - 11:59	29		2								10		14								2
12:00 - 12:59	5		9			2															
13:00 - 13:59																					
14:00 - 14:59																					
15:00 - 15:59																					
16:00 - 16:59					4																
17:00 - 17:59					12																6
18:00 - 18:59													10								1
19:00 - 19:59	3																				
20:00 - 20:59	1																	2			
21:00 - 21:59																		1	2		
22:00 - 22:59																					
23:00 - 23:59																	2	1			
UTC (hh)	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
Totals:	59	21	66	16	30	4	3	47	29	48	45	3	70	22	9	38	10	14	9	12	40

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 bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
1	198			1		1			1	1	1	1	1	1	1	1	1	1	1	1		
8	200	3	2	3	3				2	2	1	2		2	1						2	2
9	201	1		3		1					1	1		4	1		2					1
8	203	3	2	4	2				1	2	3	1		2						1	1	2
3	204			1		1			1			1				1						1
2	205			1					1	1	1	1					1					1
12	206	5	1	4	1	2		1	1	1	2	2		4	2		1	1	1			1
4	207			2		1			1	1	2	2		2	1		1					2
2	208			1								1		2	1							
10	209	3	1	3		2			2	2	3	2		3	1	1	3	1				1
2	211			1					1	1	1	1		2							1	1
13	212	4	1	3					2	2	1	4		5	2	1	1		1	1		2
1	213																1					
4	214		2	1	1		1	1	2	2	2	1					1				1	1
13	215	6		2		1				1				3						1		1
5	216			3		2			1	1	1	2		2	2	1	4	1	1	1		1
2	217			1					1	1	1	1								1	1	
8	218	4	1	2	1	2	1		2	2	2	1		3	2		1		2		1	2
6	219			1		1			1		2	2		4	1	1	2		1			1
4	220					1		1	1	2	1					1	2	1	1			
12	221	4	1	2	1	1			1		1		1	3			2				1	2
1	222		1	1					1													1
8	223	1	2	3	1	2			3	1	1	1		3	1	1	1	1	2		1	2
5	224	1		2		2			3		2	2	1	2	2		2	2	1			1
2	225			2							2											2
3	226	2																		1		
13	227	4	1	4	1	1			2	1	1	2		5	1		1				1	2
2	229		1	1													1					1
13	230	3	1	3	2	1			3	1	3	2		3			3	1	1	1		2
1	231					1																
1	232					1											1					
12	233	5	1	4	1	1	1		6	2	6	4		4	1		1		1			3
1	234								1		1			1						1		

NDBs	kHz	AUS TA et	CAN BC bt	CAN BC sm	CAN BC to	CAN ON mv	HWA mx	USA AZ d5	USA AZ sr	USA CA dn	USA CA pa	USA CO ac	USA FL cg	USA IL dt	USA IL fy	USA MD ri	USA NH jc	USA NJ ge	USA NJ rs	USA TX du	USA UT mu	USA WA rt
2	235					2								1	2		2					
9	236	2	2	4	1	2			2	1	2	4		4			1				1	2
1	237															1	1	1	1			
2	238	1		1			1		1		1										1	1
7	239	3	1	2	1	1			1	1	1	3		3			1					1
1	282.5	1																				
1	284.5	1							1		1											
1	325.5	1																				
1	332.5	1							1		1											
1	347.5													1								
1	381.5											1		1								

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)
Edgar's AUS loggings are best seen near the start of the main list.

kHz	C/S	Location	St	ITU	**Rptr**	UTC
212	UC	Obion Union City	TN	USA	**ac**	10:10
214	DA	Dawson	YT	CAN	**bt**	06:05
221	OR	Orlando	FL	USA	**cg**	10:06
220	HLE	Hailey	ID	USA	**dn**	09:27
215	TQH	Tahlequah	OK	USA	**dn**	07:11
211	AN	Anniston	AL	USA	**dt**	10:17
218	AL	Alton	IL	USA	**dt**	11:21
219	EVV	Evansville	IN	USA	**dt**	10:31
227	SQ	Connersville	IN	USA	**dt**	10:46
347.5	ANQ	Angola	IN	USA	**dt**	11:10
236	BW	Bowling Green	KY	USA	**dt**	18:38
215	ZWW	Winnipeg Boine.	MB	CAN	**dt**	10:27
212	JX	Jackson	MI	USA	**dt**	18:22
227	FZ	St Louis	MO	USA	**dt**	10:45
208	CHQ	Charleston	MO	USA	**dt**	11:17

223	MW	Dayton Wright Franklin (etc!)	OH	USA	**dt**	10:38
230	BU	Columbus	OH	USA	**dt**	10:54
219	TO	Toledo	OH	USA	**dt**	11:22
201	BV	Bartlesville	OK	USA	**dt**	11:11
201	YVZ	Deer Lake	ON	CAN	**dt**	10:11
215	ISW	Wisconsin Rapids	WI	USA	**dt**	01:12
221	ARV	Minocqua-Woodruff. Lakeland	WI	USA	**dt**	10:35
221	RP	Rice Lake	WI	USA	**dt**	10:36
230	AT	Appleton	WI	USA	**dt**	10:52
239	EA	Eau Claire	WI	USA	**dt**	11:32
226	REN	Warren	AR	USA	**du**	21:28
217	HZD	Huntingdon Carroll Co.	TN	USA	**du**	04:10
215	CSZ	Athens Crossroads	TX	USA	**du**	10:41
282.5	RT	Rurutu	-	AUI	**et**	11:35
223	PO	Bima	-	INS	**et**	11:24
201	WK	Waikabubak	-	INS	**et**	11:30
215	AL	Halim Perdanakusuma	-	INS	**et**	12:09
325.5	NW	La Tontouta	-	NCL	**et**	11:36
230	AP	Taupo	-	NZL	**et**	10:57
226	KK	Kerikeri.	-	NZL	**et**	10:58
226	FY	Ferry Wellington	-	NZL	**et**	10:58
205	ORE	Orange	MA	USA	**jc**	01:51
227	TAN	Taunton	MA	USA	**jc**	02:22
221	RQM	Rangeley	ME	USA	**jc**	08:41
207	CL	Charlo	NB	CAN	**jc**	01:55
209	MJ	Manchester-Boston.	NH	USA	**jc**	01:56
216	CO	Concord	NH	USA	**jc**	02:03
233	UM	Churchill Falls	NL	CAN	**jc**	02:30
230	AC	Pleasant Lake Yarmouth	NS	CAN	**jc**	02:26
229	PD	Port Hawkesbury	NS	CAN	**jc**	02:27
209	GF	Glens Falls	NY	USA	**jc**	01:56
220	FZ	Syracuse	NY	USA	**jc**	02:48
216	ME	Matane	QC	CAN	**jc**	02:04
213	YRC	Chicoutimi St Honore	QC	CAN	**jc**	02:05
219	W7	Du Rocher Perce Pabok.	QC	CAN	**jc**	02:07
201	RI	Riviere Du Loup	QC	CAN	**jc**	08:31
214	K8	Nemiscau	QC	CAN	**jc**	08:34
230	YBM	St Bruno de Guigues	QC	CAN	**jc**	08:48
221	DYO	Rutland	VT	USA	**jc**	02:17
206	AP	Alpena	MI	USA	**mv**	17:10
204	GB	Buffalo	NY	USA	**mv**	17:08

231	BU	Buffalo	NY	USA	**mv**	17:16
230	ZUC	Ignace	ON	CAN	**mv**	09:25
215	YTR	Trenton	ON	CAN	**mv**	17:30
201	GV	Greenville	TX	USA	**pa**	04:38
204	MD	Harrisburg	PA	USA	**ri**	10:50
219	CX	Harrisburg	PA	USA	**ri**	10:58
227	MHM	Minchumina	-	ALS	**sm**	11:00
200	5M	Sparwood Elk Valley	BC	CAN	**sm**	07:00
227	TNZ	Walnut Ridge	AR	USA	**sr**	07:41
223	FS	Fort Smith	AR	USA	**sr**	09:18
kHz	C/S	Location	St	ITU	**Rptr**	UTC

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN:	CLE190	190 - 239.9 kHz	& nnn.5 kHz	23 - 26 Jan 2015
NOW:	CLE206	190 - 239.9 kHz	& nnn.5 kHz	22 - 25 Apr 2016

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 BC bt		648		14		21		1239
CAN ON mv		789		24		30		2035
USA AZ d5		315		1		3		642
USA AZ sr		2229		105		47		6596
USA IL fy		1144		25		22		1797
USA MD ri		660		6		9		1937
Averages:		964		29		22		2374

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	2137	39	126	22	59	5734	7030
CAN BC sm	1722	1560	67	103	39	66	5353	4050

CAN BC to	1413	620	37	10	26	16	5493	1815
HWA mx	4564	5034	37	20	8	4	8603	6982
USA CA dn	1665	1749	30	51	18	29	4536	3666
USA CA pa	2112	2061	91	99	43	48	6577	6620
USA CO ac	1400	1564	69	70	49	45	3638	3649
USA FL cg	1008	510	19	2	19	3	2641	758
USA IL dt	1190	921	87	64	73	70	4514	2816
USA NH jc	1176	715	41	27	35	38	3786	1482
USA NJ ge	917	1019	23	10	25	10	2134	1831
USA NJ rs	963	1084	15	15	16	14	2021	1983
USA TX du	1497	709	99	6	66	9	4217	1666
USA UT mu	1005	1143	21	14	21	12	2096	1993
USA WA rt	1422	1087	43	43	30	40	5246	2589
Averages:	1588	1461	48	44	33	31	4439	3262
% Increase:		-8		-8		-6		-27

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 lower table shows statistics for 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	HOL rb
220	BX	Blanc Sablon, QC	CAN	02	01

CLE206a5.xls
bk 27 Apr 2016