







Cou	Cou-Name	rw	co	sm	vm	ky	mx	sr	ha	ac	dt	fy	ri	ct	dp	ws	dn	jc	ge	p9	du	mu	so	zi
ALS	Alaska, AK			3																				
ATG	Antigua & Barbuda				1								1					1						
AUS	Australia, NN	1																						
AUS	Australia, NW	2																						
AUS	Australia, QD	3																						
AUS	Australia, WE	1																						
CAN	Canada, AB			2				1		1														
CAN	Canada, BC		5	5			4	4	4	4								3		4		3	3	
CAN	Canada, MB			1				1		1	1	1					1							
CAN	Canada, NB				2													1						
CAN	Canada, NL				3	2				1	1	1	1	1		1		4	1					
CAN	Canada, NS				1													1						
CAN	Canada, NT	1		2				1																
CAN	Canada, NU			2						1														1
CAN	Canada, ON				3	3					4	4	3	5	1	1	2	5	1				5	
CAN	Canada, QC		1	4	5			2		1	3	3	4	3	1	1	3	5	3				3	
CAN	Canada, SK			2						1							2							
CAN	Canada, YT			2																				
CKS	Cook Islands (Southern)		1	1					1															
EQA	Ecuador					1				1									1					
FSM	Micronesia						1																	
GRD	Grenada																	1				1		
HWA	Hawaii, HI		1	1			1	1	1															
USA	USA, AR									2		2			2		2		1		2			
USA	USA, CT												1					1	1					
USA	USA, GA											3	1		2	3		2			2			
USA	USA, IA									1	1	1			1		1				1			1
USA	USA, ID			1																		1		
USA	USA, IL									1	3	3			3						1			1
USA	USA, IN										2	2												1
USA	USA, KS							1		1		1					1				1			
USA	USA, KY										1											1		
USA	USA, LA				1	1				1			1					3				2		
USA	USA, MA				2	1												2						
USA	USA, ME																							
USA	USA, MI										2	2												1
USA	USA, MN			1				1		2	6	2			2		1							1
USA	USA, MS																					1		
USA	USA, MT		1	1				1	1	1										1		1		
USA	USA, NC												1			3		1			1			
USA	USA, NE							1		3	1	1						3			2	1		
USA	USA, NM							1		1											1			
USA	USA, NY					1							2					2	2					
USA	USA, OH											1		1										
USA	USA, OK			1				2		2	1	1			1	1	2				2	1		1
USA	USA, OR		1	2					2	1											2		1	
USA	USA, SC												1					1						
USA	USA, TX							2		2		1									6			
USA	USA, VA											2	2					2	1					1
USA	USA, WA		1	3					1								3				1			1
USA	USA, WI										3	3												3
VOI	Volcano Islands / Iwo Jima (JPN)						1	1																
XOC	Int Waters: C.America / Carribean																		1					
XOE	Int Waters: Europe				1																			
Cou	Cou-Name	AUS SA rw	CAN BC co	CAN BC sm	CAN NS vm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CO ac	USA IL dt	USA IL fy	USA MD ri	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OR p9	USA TX du	USA UT mu	USA WA so	USA WI zi

**LISTENING TIMES:**

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	AUS SA rw	CAN BC co	CAN BC sm	CAN NS vm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CO ac	USA IL dt	USA IL fy	USA MD ri	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OR p9	USA TX du	USA UT mu	USA WA so	USA WI zi
00:00 - 00:59				6	3	1				5	15												
01:00 - 01:59				3	5					10	4	3					3	7					
02:00 - 02:59		1			8						10					3	19						3
03:00 - 03:59											5					2							2
04:00 - 04:59				1			3												8				
05:00 - 05:59							3				7					1		3					3
06:00 - 06:59							7	6	3														5
07:00 - 07:59		7	12		1	1	1	1								7	1				1		1
08:00 - 08:59			7			1		3	5					5		3	7				1	8	3
09:00 - 09:59		3	3												2	1	2						
10:00 - 10:59	1					4	2			2					2	1				10			
11:00 - 11:59	3						4		22	1											1		
12:00 - 12:59	3		8				1																
13:00 - 13:59			1	4																			
14:00 - 14:59				4																			
15:00 - 15:59										1													
16:00 - 16:59										7	8												6
17:00 - 17:59																							
18:00 - 18:59										3										3			
19:00 - 19:59													1								1		
20:00 - 20:59												4				5				5			
21:00 - 21:59																							
22:00 - 22:59						1									4								
23:00 - 23:59															2								
UTC (hh)	AUS SA rw	CAN BC co	CAN BC sm	CAN NS vm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CO ac	USA IL dt	USA IL fy	USA MD ri	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OR p9	USA TX du	USA UT mu	USA WA so	USA WI zi
<b>NDBs</b>	7	11	31	18	15	7	20	10	30	29	34	18	10	14	15	23	32	11	8	22	9	4	19

**NDB COUNTS, BY FREQUENCY:**

and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	AUS SA rw	CAN BC co	CAN BC sm	CAN NS vm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CO ac	USA IL dt	USA IL fy	USA MD ri	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OR p9	USA TX du	USA UT mu	USA WA so	USA WI zi	NDBs
11	350.0			4	1	1	1	2	1	5	5	3	1	2	2	2	2	3	1	1	2	3	1	3	11
3	351.0		1	4	1	1	1	2	1	1	1	2	2	1	2	1	1	2	2	1	1	3	1	3	2
2	352.0		1	1					1	1		1			1		1				1			2	2
9	353.0		1	4	1		1	2	1	2	3	4	1	1	1	1	1				2	1	1	9	9
1	354.0																	1						1	1
2	355.0			1		1						1		1			1	1						1	2
19	356.0	2	3	5	3	4		3	2	4	5	5	1		1		3	4	1	2	4	2		3	19
2	358.0			1	1												1	1							2
11	359.0	3	2	2			2	2	2	3	2	2	1		1	1	2	1	1	2	2		1	11	11
2	360.0				1	1	1	1			1	1	1	1			1	1	1					1	2
3	361.0			2									1			1	1	1						3	3
18	362.0		2	4	2	2		3	2	5	3	5	4	2	3	4	5	6	3	2	3	1	1	2	18
1	363.0			1														1						1	1
2	364.0	1			1													1						2	2

14	365.0	1		4		1		2		4	4	5	1		3	2	1	3	1		4		2	14	
5	366.0				2	1	1	1		2	2	2	1	1	2	1	2	2			1		2	5	
1	366.5				1																		1	1	
1	367.0					1							1										1	1	
9	368.0		1	2	2	2	1	2	1	3	3	3	2	1			1	3			1	2	2	9	
1	369.0				1								1										2	1	
NDBs	QRG	AUS SA rw	CAN BC co	CAN BC sm	CAN NS vm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CO ac	USA IL dt	USA IL fy	USA MD ri	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA OR p9	USA TX du	USA UT mu	USA WA so	USA WI zi	NDBs

**MOB:**

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

QRG	ID	Name	SP	ITU	Rptr	UTC
350.0	CBG	Cambridge	MN	USA	dt	0135
356.0	AQP	Appleton	MN	USA	dt	1550
359.0	LXL	Little Falls	MN	USA	dt	0157
362.0	MZH	Moose Lake	MN	USA	dt	0117
353.0	GVB	Bogalusa' George R Carr Memorial Airfield	LA	USA	du	0917
365.0	JA	Allen' Jackson	MS	USA	du	0917
350.0	LF	Fluffy' Lufkin	TX	USA	du	1804
353.0	AB	Tomhi' Abilene	TX	USA	du	2036
356.0	SJ	Woole' San Angelo	TX	USA	du	0001
368.0	AN	Alamo' San Antonio	TX	USA	du	2130
354.0	P11	Ixtoc Platform		XOC	ge	0511
362.0	FM	Falmouth 'OTIS'	MA	USA	jc	0208
365.0	FIT	Fitchburg	MA	USA	jc	0217
350.0	F2	Searose FPSO / Grand Banks	NL	CAN	jc	0132
362.0	GND	Port Salines' Grand Anse		GRD	jc	0845
366.0	PNI	Pohnpei		FSM	mx	1029
356.0	TN	Tindal	NN	AUS	rw	1205
359.0	NWA	Nowra	NW	AUS	rw	1159
365.0	WLM	Williamtown	NW	AUS	rw	1011
356.0	HID	Horn Island	QD	AUS	rw	1205
359.0	AMB	Amberley	QD	AUS	rw	1159
364.0	CS	Cairns	QD	AUS	rw	1203
359.0	GEL	Geraldton	WE	AUS	rw	1157
361.0	E3	Wabasca	AB	CAN	sm	0700
350.0	VTR	Takotna River' McGrath	AK	ALS	sm	0700
355.0	AUB	Saldo' King Salmon	AK	ALS	sm	1200
358.0	SIT	Sitka	AK	ALS	sm	0900
361.0	HI	Holman	NT	CAN	sm	0700
362.0	YZS	Coral Harbour	NU	CAN	sm	0329
365.0	YGZ	Grise Fiord	NU	CAN	sm	0700
353.0	AL	Trina' Walla Walla	WA	USA	sm	0700
365.0	DPY	Deer Park	WA	USA	sm	0800
353.0	ZXY	Klondike (Whitehorse)	YT	CAN	sm	0700
365.0	MA	Mayo	YT	CAN	sm	1200
366.0	ZMN	Lewisville (Moncton)	NB	CAN	vm	1310
366.5	NRA	Noble Regina Allen		XOE	vm	1545
359.0	RSY	Robeson' Lumberton	NC	USA	ws	2228
362.0	EW	Kaffi' New Bern	NC	USA	ws	2256
362.0	CA	Murry' Columbia	SC	USA	ws	0024

### FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE219 - 350 - 369,9 kHz - 26.05.2017 - 29.05.2017  
 NOW CLE235 - 350 - 369,9 kHz - 24.08.2018 - 27.08.2018

Listener	Av	Av	Total	Total	NDBs		Max	Max
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, SA rw	1806	1903	14	13	8	7	2692	2692
CAN, BC sm	1280	1720	38	53	30	31	4306	8562
CAN, NS vm	1068	841	30	15	28	18	3136	3136
HWA mx	3652	4135	18	29	5	7	5126	6201
USA, AZ sr	1829	2546	26	51	14	20	4718	10096
USA, CO ac	742	1490	6	45	8	30	1621	5300
USA, IL dt	404	728	7	21	17	29	884	2639
USA, IL fy	842	835	15	28	18	34	2509	2509
USA, MO dp	693	739	12	10	18	14	1711	1468
USA, NE dn	2047	1193	41	27	20	23	5136	2937
USA, NJ ge	746	1311	10	14	13	11	1671	4700
USA, TX du	505	635	10	14	19	22	2230	1129
USA, WA so	515	492	5	2	9	4	1356	923
<b>Averages:</b>	1241	1428	18	25	16	19	2854	4022
<b>% Increase:</b>		15		40		21		41

Listener	Av	Av	Total	Total	NDBs		Max	Max
	km	km	km x	km x	THEN	NOW	km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CAN, BC co		1687		19		11		8600
CAN, QC ky		991		15		15		5301
USA, CA ha		2077		21		10		7699
USA, MD ri		856		15		18		2846
USA, MI ct		794		8		10		2107
USA, NC ws		661		10		15		2283
USA, NH jc		963		31		32		3613
USA, OR p9		662		5		8		1225
USA, UT mu		1476		13		9		4789
USA, WI zi		838		16		19		3549
<b>Averages:</b>		1101		15		15		4201
<b>% Increase:</b>								

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 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 upper 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.

CLE235\_Results\_RoW.xls  
je - 29.08.2018