

AUS, SA	227.0	OOM	Moomba	04															
AUS, VI	203.0	HML	Hamilton	04															
AUS, WE	218.0	WBR	Warburton Range	14															
AUS, WE	221.0	KU	Kununurra	14															
AUS, WE	230.0	LST	Leinster	14															
AUS, WE	233.0	NWN	Newman	14															
CAN, AB	207.0	PY	Fort Chipewyan		09														
CAN, AB	215.0	ZAB	"Leduc" Edmonton (Intl Apt)		08														
CAN, AB	221.0	9A	Hanna		10														
CAN, AB	221.0	QU	Grande Prairie		09													10	
CAN, AB	227.0	9X	Brooks		09														
CAN, BC	200.0	YDL	Dease Lake		09														08
CAN, BC	200.0	YJ	Victoria		09						10								10
CAN, BC	203.0	YBL	Campbell River		09						12								10
CAN, BC	203.0	ZKI	Kitimat		09														05
CAN, BC	206.0	EF	"Champion" Castlegar		09						11								10
CAN, BC	214.0	LU	"Cultus" Abbotsford		09						11								10
CAN, BC	218.0	PR	Prince Rupert		09		11				11								10
CAN, BC	223.0	YKA	Kamloops		08														10
CAN, BC	236.0	YZA	Ashcroft		09			07			05							10	10
CAN, MB	207.0	YNE	Norway House		08														
CAN, MB	212.0	YGX	Gillam		08														
CAN, MB	224.0	DN	Dauphin		09														
CAN, MB	233.0	BR	Brandon										19				05		
CAN, NB	207.0	CL	Charlo				18												01
CAN, NB	212.0	SJ	Saint John				18												01
CAN, NB	224.0	QM	Moncton				18												02
CAN, NL	233.0	UM	Churchill Falls				01												08
CAN, NL	234.0	7H	Marystown				05												
CAN, NL	237.0	7C	Fogo				01												
CAN, NS	206.0	QI	Yarmouth				18												01
CAN, NS	230.0	AC	Pleasant Lake (Yarmouth)				18												
CAN, NU	204.0	YFY	Forbay - Iqaluit				02												
CAN, NU	218.0	YXP	Pangnirtung				05												
CAN, ON	201.0	YKX	Kirkland Lake				07												
CAN, ON	207.0	FD	Brantford				07												
CAN, ON	216.0	YFA	Fort Albany				07												
CAN, ON	218.0	RL	Red Lake				05												07
CAN, ON	221.0	HM	Hamilton (Carlisle)				06												
CAN, ON	223.0	YYW	Armstrong				07												08
CAN, ON	224.0	MO	Moosonee									03							08
CAN, ON	233.0	QN	Nakina									03							08
CAN, ON	236.0	OW	Ramsayville (Ottawa)				01												08
CAN, QC	201.0	GL	La Grande Riviere				07												08
CAN, QC	201.0	RI	Riviere Du Loup				01												
CAN, QC	201.0	YIF	St. Augustin				00												
CAN, QC	209.0	MT	"Chiboo" Chibougamau (Chapais)				01					03							01
CAN, QC	212.0	YTQ	Tasiujaq				06												
CAN, QC	213.0	YRC	"St. Honore" Chicoutimi				05												
CAN, QC	214.0	K8	Nemiscau				01												
CAN, QC	216.0	ME	Matane				00												08
CAN, QC	218.0	YUY	Rouyn				02					03							08

CAN, QC	219.0	W7	"Pabok" Du Rocher-Pierce				18																		
CAN, QC	220.0	BX	Blanc Sablon / Lourdes de Blanc Sablon				18															02			
CAN, QC	221.0	YAS	Kangirsuk				02																		
CAN, QC	230.0	QB	Quebec				01						03									02			
CAN, QC	230.0	YMU	Umiujaq				03																		
CAN, QC	232.0	GP	Gaspe				18															02			
CAN, QC	235.0	9H	La Grande 3				04																		
CAN, QC	239.0	5Q	Fontanges				03																		
CAN, SK	204.0	ZQR	"Findlay" Regina		09																				
CAN, SK	219.0	ZRS	"Ajax" Regina		09						10														
INS	201.0	WK	Waikabubak	17																					
MEX	214.0	CHX	Choix (Sinaloa)						11																
USA, AL	224.0	BH	"Mc Den" Birmingham																				10		
USA, AR	227.0	TNZ	"Lawrence Co." Walnut Ridge																				10		
USA, AR	234.0	TX	"Tecco" Texarkana																				10		
USA, AZ	201.0	IP	Mobile		11			02		09													10		10
USA, AZ	220.0	RBJ	"Robles" Tucson					02																	
USA, CO	209.0	ITR	"Kit Carson" Burlington					11				18				17						17			
USA, ID	220.0	HLE	Hailey		11			11			10														
USA, IN	212.0	VP	"Sedly" Valparaiso														17								
USA, IN	227.0	GW	"Aubon" De Kalb County, Auburn									14	18				17								
USA, IN	227.0	SQ	"Pnthr" Connersville									14	18				13								
USA, KS	230.0	NRN	Norton									19				17						17			
USA, KY	236.0	BW	"Noora" Bowling Green														17								
USA, LA	230.0	BNZ	Abbeville																				03		
USA, MI	381.5	SJX	"St James" Beaver Island													18									
USA, MO	227.0	FZ	"Eaves" St. Louis										14	18			17								
USA, MO	233.0	AZN	"Amazon" St. Joseph									15	19			17						17			
USA, NE	233.0	OKS	Oshkosh									19										17			
USA, NH	209.0	MJ	Lawrence Corner																			09			
USA, NH	216.0	CO	"Epsom" Concord																			09			
USA, NY	209.0	GF	"Ganse" Glens Falls																			09			
USA, OH	223.0	MW	"Onida" Franklin										14	18											
USA, OH	230.0	BU	"Boutn" Columbus										14	19											
USA, OH	239.0	HKF	"Hook Field" Middletown				02						14	19				13							
USA, OK	201.0	BV	"Dewie" Bartlesville													17	12						10		
USA, TN	212.0	UC	"Obion" Union City										14	19											
USA, TX	212.0	LIU	Littlefield										19											21	
USA, TX	215.0	CSZ	"Crossroads" Athens																					21	
USA, VA	237.0	EZF	"Shannon" Fredericksburg				01																		
USA, VT	221.0	DYO	"Smuto" Rutland				06															09			
USA, WI	221.0	RP	"Wickr" Rice Lake Airport, Carl's Field										14												
USA, WI	239.0	TN	"Tribe" Menominee										14	19											
Cou, S/P	QRG	ID	Name	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so				

COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

Cou	Cou-Name	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so
ALS	Alaska, AK		5		1	1			1									1	
AUS	Australia, NN	1																	
AUS	Australia, NW	2																	
AUS	Australia, SA	1																	
AUS	Australia, VI	1																	
AUS	Australia, WE	4																	
CAN	Canada, AB		5															1	
CAN	Canada, BC		9		1	3	2		7	1							2	8	6
CAN	Canada, MB		3							1					1				
CAN	Canada, NB			3												3			
CAN	Canada, NL			3												1			
CAN	Canada, NS			2												1			
CAN	Canada, NU			2															
CAN	Canada, ON			7								2				3		1	
CAN	Canada, QC			17								3				7			
CAN	Canada, SK		2							1									
INS	Indonesia	1																	
MEX	Mexico					1		1											
USA	USA, AL																1		
USA	USA, AR																2		
USA	USA, AZ		1			2		1							1		1	1	
USA	USA, CO					1				1			1						
USA	USA, ID		1			1			1										
USA	USA, IN										2	2		3					
USA	USA, KS									1			1	1					
USA	USA, KY													1					
USA	USA, LA																1		
USA	USA, MI																		
USA	USA, MO										2	2	1	2	1				
USA	USA, NE									1				1					
USA	USA, NH															2			
USA	USA, NY															1			
USA	USA, OH			1							3	3		1			1		
USA	USA, OK												1	1					
USA	USA, TN										1	1		1					
USA	USA, TX					1				1							2		
USA	USA, VA			1															
USA	USA, VT			1												1			
USA	USA, WI										2	1							
Cou	Cou-Name	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so

LISTENING TIMES:

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

UTC (hh)	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so
00:00 - 00:59			2															
01:00 - 01:59			8															
02:00 - 02:59			4		2										4			
03:00 - 03:59			2								5					1		
04:00 - 04:59	2		1															6
05:00 - 05:59			4					1						1				
06:00 - 06:59			3															
07:00 - 07:59			5			2											1	
08:00 - 08:59	2	5													7		1	
09:00 - 09:59	1	17					1								4			
10:00 - 10:59		1						5	2							7	10	
11:00 - 11:59		3		2	8		1	2	1									
12:00 - 12:59													1					
13:00 - 13:59													2					
14:00 - 14:59	4									9								
15:00 - 15:59										1								
16:00 - 16:59																		
17:00 - 17:59	1											4	6	4				
18:00 - 18:59			8						1		5							
19:00 - 19:59									4		5							
20:00 - 20:59																		
21:00 - 21:59																2		
22:00 - 22:59																		
23:00 - 23:59																		
UTC (hh)	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so
NDBs:	10	26	37	2	10	2	2	9	7	10	15	4	9	5	19	10	12	6

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so	NDBs
2	200.0		2						1									2	1	2
7	201.0	1	1	4		1		1					1	1		1	2	1	1	7
3	203.0	1	2						1									1	1	3
2	204.0		1	1																2
2	206.0		1	1		1			1							1		1	1	2
4	207.0		2	2												1				4
5	209.0		1	1		1				1		1	1		1	3				5
7	212.0		2	2		1				1	1			2		1	1			7
1	213.0			1																1
3	214.0		1	1		2		1	1									1	1	3

2	215.0		1																		2
3	216.0			2																	3
5	218.0	1	1	3	1	1			1			1							2		5
2	219.0		1	1						1											2
3	220.0		1	1					1												3
7	221.0	1	2	3							1								1		7
4	223.0		2	1			1		1										1		4
5	224.0	1	1	1							1										5
6	227.0	1	1							3	3			3							6
1	229.0		1																		1
7	230.0	1		3						1	2	1			1	1					7
1	232.0			1																	1
8	233.0	2	1	1	1	1			1	2	1	2	1	1	3	1			1		8
2	234.0			1																	2
1	235.0			1																	1
3	236.0		1	1			1		1	1					1	1			1		3
2	237.0			2																	2
4	239.0	1		2							2	2		1							4
1	381.5											1									1
NDBs	QRG	AUS SA rw	CAN BC sm	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA TX du	USA UT mu	USA WA so	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	S/P	ITU	Rptr	UTC
212.0	VP	"Sedly" Valparaiso	IN	USA	dp	1714
236.0	BW	"Noora" Bowling Green	KY	USA	dp	1737
221.0	RP	"Wickr" Rice Lake Airport, Carl's Field	WI	USA	dt	1418
224.0	BH	"Mc Den" Birmingham	AL	USA	du	1028
227.0	TNZ	"Lawrence Co." Walnut Ridge	AR	USA	du	1008
234.0	TX	"Tecco" Texarkana	AR	USA	du	1052
230.0	BNZ	Abbeville	LA	USA	du	0337
215.0	CSZ	"Crossroads" Athens	TX	USA	du	2138
381.5	SJX	"St James" Beaver Island	MI	USA	fy	1839
233.0	QN	Nakina	ON	CAN	fy	0317
209.0	MJ	Lawrence Corner	NH	USA	jc	0905
216.0	CO	"Epsom" Concord	NH	USA	jc	0904
209.0	GF	"Ganse" Glens Falls	NY	USA	jc	0905
233.0	AYE	Ayers Rock	NN	AUS	rw	0846
224.0	WMD	West Maitland	NW	AUS	rw	0845
239.0	WOL	Wollongong	NW	AUS	rw	0942
227.0	OOM	Moomba	SA	AUS	rw	0440
203.0	HML	Hamilton	VI	AUS	rw	0439
218.0	WBR	Warburton Range	WE	AUS	rw	1409
221.0	KU	Kununurra	WE	AUS	rw	1409
230.0	LST	Leinster	WE	AUS	rw	1414

233.0	NWN	Newman	WE	AUS	rw	1415
201.0	WK	Waikabubak		INS	rw	1705
207.0	PY	Fort Chipewyan	AB	CAN	sm	0900
215.0	ZAB	"Leduc" Edmonton (Intl Apt)	AB	CAN	sm	0830
221.0	9A	Hanna	AB	CAN	sm	1030
227.0	9X	Brooks	AB	CAN	sm	0900
209.0	CYT	Yakataga	AK	ALS	sm	0900
212.0	CGL	Coghlan Island	AK	ALS	sm	0900
223.0	AFE	Kake	AK	ALS	sm	0800
229.0	AKW	Klawock	AK	ALS	sm	1100
207.0	YNE	Norway House	MB	CAN	sm	0830
212.0	YGX	Gillam	MB	CAN	sm	0830
224.0	DN	Dauphin	MB	CAN	sm	0900
204.0	ZQR	"Findlay" Regina	SK	CAN	sm	0900
220.0	RBJ	"Robles" Tucson	AZ	USA	sr	0259
234.0	7H	Marystown	NL	CAN	vm	0552
237.0	7C	Fogo	NL	CAN	vm	0152
230.0	AC	Pleasant Lake (Yarmouth)	NS	CAN	vm	1806
204.0	YFY	Forbay - Iqaluit	NU	CAN	vm	0239
218.0	YXP	Pangnirtung	NU	CAN	vm	0515
201.0	YKX	Kirkland Lake	ON	CAN	vm	0719
207.0	FD	Brantford	ON	CAN	vm	0701
216.0	YFA	Fort Albany	ON	CAN	vm	0723
221.0	HM	Hamilton (Carluke)	ON	CAN	vm	0650
201.0	RI	Riviere Du Loup	QC	CAN	vm	0129
201.0	YIF	St. Augustin	QC	CAN	vm	0044
212.0	YTQ	Tasiujaq	QC	CAN	vm	0636
213.0	YRC	"St. Honore" Chicoutimi	QC	CAN	vm	0519
214.0	K8	Nemiscau	QC	CAN	vm	0141
219.0	W7	"Pabok" Du Rocher-Pierce	QC	CAN	vm	1803
221.0	YAS	Kangirsuk	QC	CAN	vm	0201
230.0	YMU	Umiujaq	QC	CAN	vm	0308
235.0	9H	La Grande 3	QC	CAN	vm	0446
239.0	5Q	Fontanges	QC	CAN	vm	0342
237.0	EZF	"Shannon" Fredericksburg	VA	USA	vm	0153

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE241 - 190-239.9 kHz / 190.5-999.5 kHz - 22.02.2019 - 25.02.2019
NOW CLE257 - 190-239.9 kHz / 190.5-999.5 kHz - 26.06.2020 - 29.06.2020

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	1092	1611	5	16	5	10	1870	3401
CAN, BC sm	1663	1037	100	27	60	26	4215	2089
CAN, NS vm	1302	1071	77	40	59	37	5610	2333
HWA mx	4447	4371	13	9	3	2	4598	4428

USA, AZ sr	2744	1524	211	15	77	10	###	4096
USA, CA ha	1826	1306	68	3	37	2	4035	1310
USA, CO ac	1730	827	133	6	77	7	3869	1750
USA, IL dt	1381	510	155	5	112	10	3265	685
USA, IL fy	1241	686	130	10	105	15	3485	1431
USA, MO dp	1435	404	143	4	100	9	3833	574
USA, NE dn	1489	408	60	2	40	5	2962	996
USA, NH jc	1022	693	71	13	69	19	3982	1484
USA, TX du	2005	1071	219	11	109	10	3971	2959
USA, WA so	1319	385	84	2	64	6	3481	856
Averages:	1764	1136	105	12	66	12	4286	2028
% Increase:		-36		-89		-82		-53

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
USA, CA od		897		2		2		1248
USA, CA pa		1603		14		9		3164
USA, KS gu		316		1		4		448
USA, UT mu		1592		19		12		3182
Averages:		1102		9		7		2011
% Increase:								

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 arials, 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 arials, 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.

bk/je - 01.07.2020