

ALS	-	209	CYT	Yakataga					5			
ALS	-	219	GAV	Gustavus					12	11		10
ALS	-	233	ALJ	Johnstone Point Is.		11			10	11		10
CAN	AB	201	ZXD	Edmonton	8					5		8
CAN	AB	207	PY	Fort Chipewyan						11		7
CAN	AB	215	ZAB	Edmonton						5		
CAN	AB	221	QU	Grand Prairie	10					6		8
CAN	AB	225	X5	Vegreville						6		
CAN	AB	230	VG	Vermillion						4		
CAN	AB	239	OJ	High Level		10				6		
CAN	BC	200	5M	Sparwood Elk Valley						11		
CAN	BC	200	UAB	Anahim Lake	7	10	6	8	10	11	10	7
CAN	BC	200	YJ	Victoria						11		
CAN	BC	203	YBL	Campbell River	7	11				11		8
CAN	BC	203	ZKI	Kitimat						11		
CAN	BC	206	EF	Castlegar Champion					4	11		7
CAN	BC	214	LU	Abbotsford	7	11			10	12	10	7
CAN	BC	218	PR	Prince Rupert	8				11	12		11
CAN	BC	223	YKA	Kamloops	8				5	12	10	8
CAN	BC	227	CG	Castlegar	7	11	6		10	12	10	8
CAN	BC	230	YD	Smithers	7					6		10
CAN	BC	236	YZA	Ashcroft	18	11	8			12	10	8
CAN	MB	207	YNE	Norway House		8				5		
CAN	MB	212	YGX	Gillam						5		7
CAN	MB	224	DN	Dauphin						6		8
CAN	MB	233	BR	Brandon						5	10	9
CAN	NB	207	CL	Charlo				3				
CAN	NB	212	SJ	Saint John				3	3			
CAN	NB	224	QM	Moncton					3			
CAN	NL	233	UM	Churchill Falls					4			
CAN	NS	206	QI	Yarmouth				0	3			
CAN	NT	222	WY	Wrigley						11		

CAN	NU	208	YSK	Sanikiluaq			4	2		5		
CAN	ON	201	YKX	Kirkland Lake			7					
CAN	ON	205	XZ	Wawa			3					
CAN	ON	207	FD	Brantford			8					
CAN	ON	209	IB	Atikokan			5			5		
CAN	ON	212	TS	Timmins			9	3				
CAN	ON	216	YFA	Fort Albany			4	3				
CAN	ON	218	RL	Red Lake			4			4		7
CAN	ON	219	YMG	Manitouwadge			3					
CAN	ON	221	HM	Hamilton			9					
CAN	ON	223	YYW	Armstrong			6					
CAN	ON	224	MO	Moosonee			7					
CAN	ON	233	QN	Nakina			3	4		5		
CAN	ON	235	CN	Cochrane			8	4				
CAN	ON	236	4L	Chatham			8					
CAN	ON	236	OW	Ottawa			8					
CAN	QC	209	MT	Chibougamau			3	3				
CAN	QC	213	YRC	Chicoutimi					2			
CAN	QC	214	K8	Nemiscau					2			
CAN	QC	216	ME	Matane					3			
CAN	QC	218	YUY	Rouyn			7	3				
CAN	QC	220	BX	Blanc Sablon			5	3				
CAN	QC	230	QB	Quebec			3	1				
CAN	QC	230	YBM	St Bruno de Guigues			4					
CAN	QC	232	GP	Gaspe					1			
CAN	QC	235	9H	La Grande 3					4			
CAN	SK	204	ZQR	Regina						5		
CUB	-	212	UCF	Cienfuegos			9					
CUB	-	230	UCL	Cayo Largo del Sur			8					
JPN	-	214	XA	Oshima						11		
MEX	-	214	CHX	Choix Sinaloa		10	7			11	9	
NZL	-	238	KT	Kaitaia						12		

TUA	-	284.5	MH	Manihi Atoll		12						
USA	AL	204	ESU	Summerdale			4					
USA	AL	204	FDL	Fayette			7					
USA	AL	211	AN	Anniston			4					
USA	AL	212	OZ	Fort Rucker			4					
USA	AL	221	HYE	Fort Rucker			8					
USA	AL	224	BH	Birmingham			9			10		
USA	AR	208	BDQ	Morrilton			9			18		
USA	AR	223	FS	Fort Smith						17		
USA	AR	226	REN	Warren						2		
USA	AR	227	TNZ	Walnut Ridge			9					
USA	AR	234	TX	Texarkana						18		
USA	AZ	201	IP	Mobile		2						
USA	AZ	206	SOW	Show Low		2	11			11		8
USA	AZ	220	RBJ	Tucson		22						
USA	CA	203	TCY	Tracy		11	7			11		10
USA	CA	209	HGT	Hunter Liggett		12	9			11		
USA	CA	212	OVE	Oroville		12				12		
USA	CA	220	VI	Visalia		12						
USA	CA	233	CV	Eureka						11		
USA	CA	233	LG	Long Beach		11	8					10
USA	CO	209	ITR	Burlington						10		
USA	FL	204	LCQ	Lake City			8					
USA	FL	206	VNC	Venice			4					
USA	GA	205	LNH	Millen			16					
USA	GA	209	HOE	Homerville			9					
USA	GA	219	AY	Waycross			9					
USA	GA	221	BJT	Athens			5					
USA	GA	233	AG	Augusta			9					
USA	IA	206	IIB	Independence			6			10		
USA	IA	212	MPZ	Mount Pleasant			6					
USA	IA	230	HPT	Hampton			2			9		

USA	IA	233	GAK	Sioux City						10	
USA	ID	211	HDG	Gooding Steelhead					12		7
USA	ID	220	HLE	Hailey					12		7
USA	ID	238	MPA	Nampa					12		
USA	IL	209	DKB	DeKalb			6			10	
USA	IL	236	CTK	Canton			2			9	
USA	IN	206	TEL	Tell City			8				
USA	IN	212	DCY	Washington			4				
USA	IN	219	OQ	Indianapolis			5				
USA	IN	232	CO	Indianapolis			7				
USA	KS	212	CFV	Coffeyville			9			17	
USA	KS	227	MPR	McPherson			3			17	
USA	KS	230	NRN	Norton						10	
USA	KS	414.5	RPB	Belleville	11		10		4	2	
USA	KY	210	IOB	Mount Sterling			6				
USA	KY	236	BW	Bowling Green			8				
USA	LA	201	MNE	Minden			8			17	
USA	LA	212	HMQ	Homer			9			17	
USA	LA	230	BNZ	Abbeville						18	
USA	MA	205	ORE	Orange				3			
USA	ME	221	RQM	Rangeley				1			
USA	ME	227	SZO	Fryeburg				1			
USA	MI	209	GDW	Gladwin			6				
USA	MI	218	DRM	Drummond Island			3				
USA	MI	381.5	SJX	Beaver Island			6				
USA	MO	208	CHQ	Charleston			6				
USA	MO	209	EAD	Nevada						10	
USA	MT	236	FOR	Forsyth						9	
USA	NC	198	DIW	Dixon			16	3		1	
USA	NC	204	TWL	Monroe			16				
USA	NC	205	GM	Wilmington			16				
USA	NC	209	UKF	North Wilksboro.			16				

USA	NC	216	CLB	Wilmington Carolina Beach		3	7	17	3		2	
USA	NC	223	AZW	Mount Airy				16				
USA	NC	227	CPC	Whiteville				16				
USA	NC	230	AQE	Greenville				16				
USA	NE	233	OKS	Oshkosh							10	
USA	NH	209	MJ	Manchester					0			
USA	NH	216	CO	Concord					0			
USA	NH	233	CNH	Claremont					1			
USA	NM	206	LR	Las Cruces		10						
USA	NY	209	GF	Glens Falls					0			
USA	OH	215	DLZ	Delaware				5				
USA	OH	230	BU	Columbus				8				
USA	OH	239	CFX	Cadiz				5				
USA	OH	239	HKF	Middletown				9				
USA	OK	201	BV	Bartlesville							18	
USA	OK	215	TQH	Tahlequah							17	
USA	OR	201	PEN	Astoria						11		
USA	OR	204	RMD	McDermitt						11		8
USA	OR	225	LWG	Corvallis					10	12		
USA	SC	220	DCM	Chester				16				
USA	SC	221	RBW	Walterboro				16				
USA	SC	227	UZ	Rock Hill				16				
USA	SC	230	BES	Bennettsville				16				
USA	TN	203	DMZ	Dickson				8			10	
USA	TN	217	HZD	Huntingdon				9				
USA	TN	221	BO	Bristol				7				
USA	TX	201	GV	Greenville				8			17	
USA	TX	206	GLS	Galveston								3
USA	TX	215	CSZ	Athens Crossroads							17	
USA	TX	219	LB	Lubbock							17	
USA	TX	230	VRT	Vernon							1	
USA	TX	239	LNC	Lancaster		11		5			18	

USA	TX	239	PWY	Hebbronville		11	12	9				18	
USA	TX	239	UBC	Ballinger		11		9				18	
USA	UT	217	EC	Cedar City		11	10				11		7
USA	VA	226	FAF	Fort Eustis				10					
USA	VA	236	VJ	Abingdon				9					
USA	VA	237	EZF	Fredericksburg				16					
USA	VT	221	DYO	Rutland					1				
USA	WA	206	PWT	Bremerton							11		7
USA	WA	216	GR	Fort Lewis Tacoma							12		
USA	WA	219	OMK	Omak							12		8
USA	WA	236	HQ	Hoquiam						12			
USA	WI	203	PVB	Platteville				8					
USA	WY	217	RI	Riverton						11			
XUN	-	320.5	XXB	(UNID)				9				2	
Cou	St	kHz	Call	Location	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu

COUNTRIES and STATES / PROVINCES HEARD:

Shows the number of NDBs in each radio country that were logged by each reporter.

Cou	Country	St	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu
ALS	Alaska (US State)	-		1				3	2		2
CAN		AB	2	1					7		3
CAN		BC	8	5	3	1		6	12	5	9
CAN		MB		1					4	1	3
CAN		NB				1	3				

CAN		NL				1				
CAN		NS				1	1			
CAN		NT						1		
CAN		NU				1	1	1		
CAN		ON				15	4	3		1
CAN		QC				5	9			
CAN		SK						1		
CUB	Cuba	-				2				
JPN	Japan	-						1		
MEX	Mexico	-	1	1				1	1	
NZL	New Zealand	-						1		
TUA	Tuamotu Archipelago	-	1							
USA		AL				6			1	
USA		AR				2			4	
USA		AZ	3	1				1		1
USA		CA	5	3				4		2
USA		CO							1	
USA		FL				2				
USA		GA				5				
USA		IA				3			3	
USA		ID						3		2
USA		IL				2			2	
USA		IN				4				
USA		KS	1			3		1	4	
USA		KY				2				
USA		LA				2			3	
USA		MA								1
USA		ME							2	
USA		MI				3				
USA		MO				1			1	
USA		MT							1	
USA		NC	1	1	8	2			2	
USA		NE							1	
USA		NH					3			
USA		NM	1							
USA		NY					1			

USA		OH				4						
USA		OK								2		
USA		OR						1	3		1	
USA		SC				4						
USA		TN				3				1		
USA		TX		3	1	4	1			7		
USA		UT		1	1				1		1	
USA		VA				3						
USA		VT					1					
USA		WA						1	4		2	
USA		WI				1						
USA		WY							1			
XUN	UNID	-				1				1		
Cou	Country	St	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu	

LISTENING TIMES:

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

UTC (hh)	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu
00:00 - 00:59				1	3				
01:00 - 01:59					6			2	
02:00 - 02:59		2		2	3			4	
03:00 - 03:59		1		8	14				
04:00 - 04:59				9	4	1	3		
05:00 - 05:59				7		2	9		
06:00 - 06:59			2	8			5		
07:00 - 07:59	5		3	6					10
08:00 - 08:59	3	1	2	15					10

09:00 - 09:59			1	17				4	1
10:00 - 10:59	1	4	1	2		5		15	5
11:00 - 11:59		12	1			1	21		1
12:00 - 12:59		4	1			2	14		
13:00 - 13:59									
14:00 - 14:59									
15:00 - 15:59									
16:00 - 16:59				13					
17:00 - 17:59				1				9	
18:00 - 18:59	1							7	
19:00 - 19:59									
20:00 - 20:59									
21:00 - 21:59									
22:00 - 22:59		1							
23:00 - 23:59									
UTC (hh)	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu

NDB COUNTS, BY FREQUENCY:

The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

NDBs	kHz	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu
1	198				1	1			1	
3	200	1	1	1	1		1	3	1	1
7	201	1	1		3			2	3	1
5	203	1	2	1	2			3	1	2
6	204				4			2		1
4	205				3	1				
9	206		2	1	4	2	1	3	1	3

4	207		1	1	1	1	2	1	1
3	208				3	1	1	1	
12	209		1	1	6	3	1	2	3
1	210				1				
2	211				1		1		1
10	212		1		8	2	2	2	1
1	213					1			
4	214	1	2	1		1	1	3	2
4	215				1			1	2
5	216		1	1	2	4		1	1
3	217		1	1	1			2	
4	218	1			3	1	1	2	
6	219				3			2	1
5	220		2		2	1		1	
8	221	1			5	2		1	
1	222							1	
4	223	1			2		1	1	2
4	224				2	1		1	1
2	225						1	2	
2	226				1				1
6	227	1	1	1	4	1	1	1	2
12	230	1			7	1		2	4
2	232				1	1			
10	233		2	1	2	3	1	4	3
1	234								1
2	235				1	2			
8	236	1	1	1	5		1	2	3
1	237				1				
2	238							2	
6	239		4	1	5			1	3
1	284.5		1						
1	320.5				1				1
1	381.5				1				
1	414.5		1		1			1	1

NDBs	kHz	CAN BC to	USA AZ dp	USA CA dn	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX du	USA UT mu
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MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

kHz	C/S	Location	St	ITU	Rptr	UTC
284.5	MH	Manihi Atoll	-	TUA	dp	12:22
201	IP	Mobile	AZ	USA	dp	02:32
220	RBJ	Tucson	AZ	USA	dp	22:13
220	VI	Visalia	CA	USA	dp	12:06
206	LR	Las Cruces	NM	USA	dp	10:49
226	REN	Warren	AR	USA	du	02:58
223	FS	Fort Smith	AR	USA	du	17:45
234	TX	Texarkana	AR	USA	du	18:03
209	ITR	Burlington	CO	USA	du	10:20
233	GAK	Sioux City	IA	USA	du	10:11
230	NRN	Norton	KS	USA	du	10:55
230	BNZ	Abbeville	LA	USA	du	18:01
209	EAD	Nevada	MO	USA	du	10:23
236	FOR	Forsyth	MT	USA	du	09:51
233	OKS	Oshkosh	NE	USA	du	10:50
215	TQH	Tahlequah	OK	USA	du	17:27
201	BV	Bartlesville	OK	USA	du	18:41
230	VRT	Vernon	TX	USA	du	01:38
215	CSZ	Athens Crossroads	TX	USA	du	17:23
219	LB	Lubbock	TX	USA	du	17:30
230	UCL	Cayo Largo del Sur	-	CUB	dw	08:19
212	UCF	Cienfuegos	-	CUB	dw	09:07
204	ESU	Summerdale	AL	USA	dw	04:06

212	OZ	Fort Rucker	AL	USA	dw	04:18
211	AN	Anniston	AL	USA	dw	04:18
204	FDF	Fayette	AL	USA	dw	07:42
221	HYE	Fort Rucker	AL	USA	dw	08:07
227	TNZ	Walnut Ridge	AR	USA	dw	09:19
206	VNC	Venice	FL	USA	dw	04:06
204	LCQ	Lake City	FL	USA	dw	08:55
221	BJT	Athens	GA	USA	dw	05:06
219	AY	Waycross	GA	USA	dw	09:07
209	HOE	Homerville	GA	USA	dw	09:07
233	AG	Augusta	GA	USA	dw	09:31
205	LNH	Millen	GA	USA	dw	16:00
212	MPZ	Mount Pleasant	IA	USA	dw	06:18
212	DCY	Washington	IN	USA	dw	04:54
219	OQ	Indianapolis	IN	USA	dw	05:42
232	CO	Indianapolis	IN	USA	dw	07:06
206	TEL	Tell City	IN	USA	dw	08:55
210	IOB	Mount Sterling	KY	USA	dw	06:42
236	BW	Bowling Green	KY	USA	dw	08:19
218	DRM	Drummond Island	MI	USA	dw	03:18
381.5	SJX	Beaver Island	MI	USA	dw	06:06
209	GDW	Gladwin	MI	USA	dw	06:42
208	CHQ	Charleston	MO	USA	dw	06:30
205	GM	Wilmington	NC	USA	dw	16:00
204	TWL	Monroe	NC	USA	dw	16:00
209	UKF	North Wilksboro.	NC	USA	dw	16:12
223	AZW	Mount Airy	NC	USA	dw	16:24
227	CPC	Whiteville	NC	USA	dw	16:24
230	AQE	Greenville	NC	USA	dw	16:36
215	DLZ	Delaware	OH	USA	dw	05:30
239	CFX	Cadiz	OH	USA	dw	05:54
230	BU	Columbus	OH	USA	dw	08:19
239	HKF	Middletown	OH	USA	dw	09:31
205	XZ	Wawa	ON	CAN	dw	03:18
219	YMG	Manitouwadge	ON	CAN	dw	03:42
223	YYW	Armstrong	ON	CAN	dw	06:30

201	YKX	Kirkland Lake	ON	CAN	dw	07:30
224	MO	Moosonee	ON	CAN	dw	07:54
236	OW	Ottawa	ON	CAN	dw	08:06
236	4L	Chatham	ON	CAN	dw	08:06
207	FD	Brantford	ON	CAN	dw	08:55
221	HM	Hamilton	ON	CAN	dw	09:19
230	YBM	St Bruno de Guigues	QC	CAN	dw	04:42
227	UZ	Rock Hill	SC	USA	dw	16:24
220	DCM	Chester	SC	USA	dw	16:24
221	RBW	Walterboro	SC	USA	dw	16:24
230	BES	Bennettsville	SC	USA	dw	16:36
221	BO	Bristol	TN	USA	dw	07:54
217	HZD	Huntingdon	TN	USA	dw	09:19
236	VJ	Abingdon	VA	USA	dw	09:31
226	FAF	Fort Eustis	VA	USA	dw	10:31
237	EZF	Fredericksburg	VA	USA	dw	16:04
203	PVB	Platteville	WI	USA	dw	08:55
205	ORE	Orange	MA	USA	jc	03:25
221	RQM	Rangeley	ME	USA	jc	01:58
227	SZO	Fryeburg	ME	USA	jc	01:59
207	CL	Charlo	NB	CAN	jc	03:33
224	QM	Moncton	NB	CAN	jc	03:55
209	MJ	Manchester	NH	USA	jc	00:40
216	CO	Concord	NH	USA	jc	00:43
233	CNH	Claremont	NH	USA	jc	01:38
233	UM	Churchill Falls	NL	CAN	jc	04:02
209	GF	Glens Falls	NY	USA	jc	00:41
232	GP	Gaspé	QC	CAN	jc	01:41
214	K8	Nemiscau	QC	CAN	jc	02:03
213	YRC	Chicoutimi	QC	CAN	jc	02:04
216	ME	Matane	QC	CAN	jc	03:47
235	9H	La Grande 3	QC	CAN	jc	04:03
206	GLS	Galveston	TX	USA	jc	03:28
221	DYO	Rutland	VT	USA	jc	01:57
209	CYT	Yakataga	-	ALS	jw	05:00
214	XA	Oshima	-	JPN	sr	11:55

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
USA AZ dp	2036	1719	185	43	91	25	6596	6364
USA CA dn	1376	1341	4	15	3	11	1998	3630
USA NC dw	1389	1062	271	93	195	88	7056	4061
USA OR jw	1553	1033	39	11	25	11	7856	2323
USA OR sr	1816	1428	229	74	126	52	8199	11317
USA TX du	1419	1049	140	42	99	40	3763	3286
Averages:	1598	1272	145	46	90	38	5911	5164
% Increase:		-20		-68		-58		-13

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 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 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 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 je	ENG ag	ENG bk	ENG py	HOL rb
212	SJ	Saint John, NB	CAN	02				
220	BX	Blanc Sablon, QC	CAN	02	01	02	01	02
216	CLB	Wilmington Carolina Bch, NC	USA	02	01	02	02	02