

COMBINED RESULTS

Rest of the World

For overall statistics, please see the covering email.

KEY TO RECEIVER TYPES:

0AD	a Crystal Set (!)
1AD	Single Active Device with regen (e.g. based on the sets made by Mike, Finbar and others)
+AD	1AD with extra amplification in the aerial or with added RF or AF stage(s)
HB	Other Homebrew / DIY Receiver
VIN	Vintage Receiver - pre 1960 or tubes/valves only
CLC	Classic Receiver - 1960 onwards
POR	Portable / Ultralight Receiver (maybe modified to cover NDB frequencies with a modified aerial)
WEB	Web Receiver (Kiwi, Twente, etc.)
SDR	Software Defined Radio

Reporters:

CAN, BC	bt	Brian Butler, Hazelton
CAN, BC	sm	Steve McDonald, Mayne Island
CAN, QC	ky	Richard Katezansky, Main, Montreal
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	od	Frank O'Donnell, South Pasadena
USA, CA	pa	Phil Atchley, Merced, Central California
USA, CO	ac	Anthony Casorso, Westminster
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, NE	dn	Don Tomkinson, Gothenburg
USA, NH	jc	John Collins, Charlestown
USA, OR	de	Dan Petersen (WA), via Kiwi-SDR at Newport, OR (rORnp / CN74xp)
USA, PA	el	Mark Bell, Airville
USA, TX	ch	Chuck Dobbins, Alpine
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, WA	so	Steven O'Kelley, The Dungeon, Nr Seattle
USA, WI	zi	Steve Zimmerman, Milwaukee

SDR	Nooelec
1AD	
CLC	Motorola ADF-T-12B (201A)
1AD	
1AD	
CLC	Yaesu FT1000 MKV
CLC	ICOM R75
HB	7 tubes + rectifier
+AD	1 MOSFET regen + audio amplifier
POR	SONY 2010
POR	Tecsun PL-880
POR	Hammarlund RDF-10
+AD	MFJ-8100 amended to include 195-440 kHz
WEB	Kiwi SDR
VIN	WWII BC-453-B (ARC-5)
POR	Tecsun PL-380
+AD	MFJ-8100
CLC	1970s RDF
+AD	Tubes

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 us know
 (ndbcleat@gmail.com - replace the 'at' by an @ symbol)

CAN, SK	368.0	VX	Dafoe							05	10								
CAN, SK	372.0	ZPA	Glass (Prince Albert)					07											
CAN, SK	385.0	QV	Yorkton				07				10								06
CAN, SK	397.0	ZSS	Yellowhead (Saskatoon)		07			07											08
CAN, SK	402.0	L4	Nipawin																06
CAN, SK	402.0	M3	Kindersley					08											06
CAN, SK	406.0	YLJ	Meadow Lake		05			08									11		06
CAN, YT	248.0	QH	Watson Lake																
CAN, YT	341.0	DB	Burwash	08	09					08									07
CAN, YT	365.0	MA	Mayo																08
CKS	320.0	AI	Aitutaki					09											
CKS	352.0	RG	Nikau (Rarotonga Island)																
CLM	309.0	GPI	Guapi																03
CUB	315.0	UBR	Cayo Las Brujas																03
CYM	415.0	CBC	West End (Cayman Brac)				05	08			03	01		05	02		04		02
FSM	366.0	PNI	Pohnpei				10												
GDL	385.0	PTP	Pointe a Pitre																03
HWA, HI	242.0	HN	"Ewabe" Honolulu				05												
HWA, HI	327.0	VYI	"Valley Island" Kahului				05												
HWA, HI	332.0	POA	Pahoa				05	08	09	07	07								06
HWA, HI	353.0	LLD	Lanai		08		22	07	04	07	07								06
MDW	400.0	MDY	"Midway" Gooneyville (Sand Island)				11												
PTR, PR	391.0	DDP	San Juan / Dorado / Luiz Munoz Marin Intl				05	07		07	02	01	00	05	02		04	02	03
SLM	348.0	HN	Honiara				12												
TRD	323.0	TAB	Crown Point										01						03
USA, AR	311.0	GK	"Jembo" Fort Smith																03
USA, AR	335.0	BV	"Almnd" Batesville					09			02						03	01	07
USA, AR	353.0	LI	"Lasky" Little Rock				06				02	23	01				11	01	06
USA, AR	375.0	DS	Searcy														11	03	06
USA, AR	379.0	RUE	Russellville				07				04	10	00				04	02	03
USA, AR	385.0	HO	"Hossy" Hot Springs														04	02	03
USA, AZ	338.0	RYN	"Ryan" Tucson					05	06	03	02			06		04		02	03
USA, AZ	403.0	AZC	Colorado City						06	03	02								07
USA, AZ	407.0	CHD	Chandler						08										
USA, CA	385.0	MR	"Munso" Monterey							03									
USA, CA	397.0	SB	"Petis" San Bernardino				06		06	04									
USA, CO	209.0	ITR	"Kit Carson" Burlington								00			18					
USA, CO	400.0	FN	"Colln" Fort Collins / Loveland				07	08		07	02			07			03		
USA, CO	407.0	CO	"Petey" Colorado Springs				05	08			02								
USA, DE	248.0	IL	"Hadin" Wilmington												02				
USA, FL	326.0	PKZ	"Pickens" Pensacola				06	05				01	00				08	03	01
USA, FL	332.0	FIS	"Fish Hook" Key West				05	09			03	00	00		01		03	02	01
USA, FL	344.0	JA	"Dinns" Jacksonville				05	05				00	00		01		03	02	03
USA, GA	323.0	OUK	Calhoun																10
USA, GA	340.0	IWJ	"Early County" Blakely					05											
USA, GA	344.0	IWJ	"Early County" Blakely										00				08		03
USA, GA	353.0	VV	"Junne" Greensboro										02				03		
USA, GA	362.0	SUR	Fitzgerald				06												
USA, GA	365.0	FKV	"Flowery Branch" Gainesville					06					01						
USA, GA	372.0	UQN	"Onyun" Vidalia					06				02							
USA, GA	385.0	EMR	"Emory" Augusta													00			

USA, GA	415.0	DJD	Canton								01								
USA, IA	269.0	BEX	Bloomfield							03									
USA, IA	341.0	DB	"Zilom" Dubuque								19	00							19
USA, IA	341.0	FO	"Barro" Fort Dodge								19								
USA, IA	348.0	MC	"Surff" Mason City								20	02							
USA, IA	366.0	EOK	Keokuk					09		02	18	22							07
USA, IA	391.0	EFW	Jefferson								20								
USA, IA	394.0	SP	"Snore" Spencer					08										04	
USA, IA	414.0	SU	"Salix" Sioux City					08		03								04	
USA, IA	417.0	IY	"Chukk" Charles City			07		08		03	18							04	
USA, IA	428.0	POH	Pocahontas							04									
USA, ID	383.0	PI	"Tyhee" Pocatello							04	02					05		04	06
USA, ID	389.0	TW	"Strik" Twin Falls					07											08
USA, IL	257.0	FWC	"Wayne County" Fairfield							03									
USA, IL	293.0	UI	Quincy															04	
USA, IL	329.0	AAA	"Abraham" Lincoln			06				04	19	22							19
USA, IL	332.0	DN	"Julip" Danville								18	22							19
USA, IL	334.0	LH	"Egrow" Bloomington								18	22							17
USA, IL	350.0	CP	"Acore" Cahokia / St Louis									00							
USA, IL	356.0	PI	"Tungg" Peoria								20	22							19
USA, IL	365.0	SYZ	Shelbyville									00							23
USA, IL	375.0	LQ	"Licol" Springfield								18	22							18
USA, IL	379.0	UG	"Wauke" Waukegan (Chicago)								18	22							17
USA, IL	382.0	MW	"Jonny" Marion									00							
USA, IL	382.0	SP	"Huskk" Springfield								18	22					02		18
USA, IL	385.0	JD	"Gooley" Belleville								02	00							03
USA, IL	390.0	BR	"Burns" Burlington									00							
USA, IL	391.0	PLX	"Palestine" Robinson								18	21							
USA, IL	397.0	CIR	Cairo									01							
USA, IL	407.0	CM	"Veals" Champaign / Urbana								18								
USA, IN	331.0	JV	"Catch" Jeffersonville									01							
USA, IN	338.0	UMP	"Metropolitan" Indianapolis								18	22		01		08		03	17
USA, IN	341.0	SB	"Misha" South Bend									23							19
USA, IN	365.0	JN	"Ball" Muncie								00	01							18
USA, IN	388.0	CFJ	Crawfordsville									22							22
USA, IN	401.0	LA	"Earle" Lafayette								18								
USA, KS	230.0	NRN	Norton										18						
USA, KS	332.0	IC	"Piche" Wichita			06				02									
USA, KS	341.0	OIN	Oberlin			06		05		02			18			03	03	05	
USA, KS	347.0	GC	"Pieve" Garden City										03						
USA, KS	374.0	HY	"Nette" Hays			06		07		02			18			11	02		
USA, KS	380.0	OEL	Oakley			07		07		02	10		18			03			
USA, KS	386.0	SYF	St. Francis			05		07		07			18			04			
USA, KS	395.0	CA	"Harvs" Newton					07											
USA, KS	395.0	ULS	Ulysses			05		08	06	07	02		01	18		02	02	06	
USA, KS	404.0	HU	"Salt" Hutchinson															02	
USA, KS	408.0	JDM	"Wheatfield" Colby			06		08		03	10		18				04	07	
USA, KS	420.0	PK	Olathe			05											02		
USA, KY	388.0	CDX	"Cumberland River" Somerset								00	00							
USA, LA	329.0	BQP	Bastrop			04										11	03		
USA, LA	344.0	TKH	"Tallulah" Vicksburg					03									03		

USA, TX	272.0	LD	"Lubbi" Lubbock							04												
USA, TX	326.0	MA	"Farly" Midland				05	09		05	02	00	01	06					02	03		
USA, TX	330.0	MF	"Missi" Mc Allen																04	10		
USA, TX	332.0	CZX	Crosbyton				07				03								03	01		
USA, TX	341.0	DNI	Denison				06												03	01		
USA, TX	344.0	CGQ	"Powell" Corsicana				05				02								03			
USA, TX	356.0	SJ	"Woole" San Angelo				04													11		
USA, TX	359.0	SDR	Snyder				06				03								02	01		
USA, TX	365.0	FT	"Mufin" Fort Worth				06	04			02								04	01		
USA, TX	385.0	CPZ	"Chaparrosa Ranch" La Pryor				06												03			
USA, TX	391.0	GXD	Nacogdoches				07						05						04			
USA, TX	396.0	CRS	Corsicana																03			
USA, TX	400.0	ROB	"Robinson" Waco				04												04	04		
USA, VA	237.0	EZF	"Shannon" Fredericksburg																04			
USA, VA	245.0	LUA	"Caverns" Luray																09			
USA, VA	351.0	MSQ	Culpeper									02		01					23			
USA, VA	367.0	FVX	Farmville									01		01					02			
USA, VT	221.0	DYO	"Smuto" Rutland											17								
USA, WA	240.0	BVS	"Skagit / Bay View" Burlington / Mt Vernon		05																	
USA, WA	284.0	FHR	Friday Harbor		05																	
USA, WA	338.0	NOW	"Ediz Hook" Port Angeles		01																06	
USA, WA	353.0	AL	"Trina" Walla Walla					04													09	
USA, WA	382.0	AW	"Waton" Arlington																		05	
USA, WA	408.0	MW	"Pelly" Moses Lake	07												05					05	
USA, WA	515.0	CL	"Elwha" Port Angeles	07	05					06												
USA, WI	332.0	SG	"Depre" Green Bay									19	00									19
USA, WI	344.0	UNU	Juneau									20	22									02
USA, WI	356.0	GR	"Famis" Green Bay										00									19
USA, WI	362.0	MT	Manitowac									20	22									18
USA, WI	368.0	VIQ	Neillsville									00										
USA, WI	389.0	EN	"Codee" Kenosha									20	22									17
USA, WI	391.0	MFI	Marshfield									23										
USA, WI	395.0	OS	"Pober" Oshkosh									20	22									
USA, WI	412.0	CMY	"Mc Coy" Sparta									18										
USA, WV	284.0	RQY	"Randolph Co" Elkins															04				
USA, WY	257.0	HCY	Cowley		05																	
USA, WY	275.0	GEY	Greybull		08																	
USA, WY	293.0	TOR	Torrington																			
USA, WY	380.0	GC	"Deryk" Gillette					06	07		06									11	04	06
USA, WY	392.0	PNA	"Wenz" Pinedale																		06	06
VOI	360.0	OX	Iwo Jima																			
XUN	245.0	EPH	UNID		07																	
Cou, S/P	QRG	ID	Name	CAN BC bt	CAN BC sm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA so	USA WI zi
				SDR	1AD	CLC	1AD	1AD	CLC	CLC	HB	+AD	POR	POR	POR	+AD	WEB	VIN	POR	+AD	CLC	+AD

COUNTRIES HEARD:

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

		SDR	1AD	CLC	1AD	1AD	CLC	CLC	HB	+AD	POR	POR	POR	+AD	WEB	VIN	POR	+AD	CLC	+AD
Cou	Cou-Name	CAN BC bt	CAN BC sm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA so	USA WI zi
ALS	Alaska, AK	4	6		21		2		3						3					5
ATG	Antigua & Barbuda											1								
CAN	Canada, AB	5	17		2		13		3	1			1		6					8
CAN	Canada, BC	29	37		16	8	8	8	26	3			2		13		2	6	18	
CAN	Canada, MB		3				2			6	4	1	1				1	4	1	2
CAN	Canada, NB			1										5						
CAN	Canada, NL													2						
CAN	Canada, NS													3						
CAN	Canada, NT																		1	
CAN	Canada, NU				1														1	
CAN	Canada, ON			3		6	6		1	16	20	15	8	16		13	5	16	1	14
CAN	Canada, QC			17		3	5			1	11	11		29	19	2	8			10
CAN	Canada, SK		6		2	1	8			2	3		1						7	
CAN	Canada, YT	1	1		1				1										2	
CKS	Cook Islands (Southern)				2		1													
CLM	Colombia																		1	
CUB	Cuba																		1	
CYM	Cayman Islands					1	1			1	1		1	1		1		1		
FSM	Micronesia				1															
GDL	Guadeloupe																		1	
HWA	Hawaii, HI		1		4	2	2	2	2											2
MDW	Midway Island				1															
PTR	Puerto Rico, PR					1	1		1	1	1	1	1	1		1	1	1	1	1
SLM	Solomon Islands				1															
TRD	Trinidad & Tobago											1							1	
USA	USA, AR					2	1			3	2	3					4	6		5
USA	USA, AZ						1	3	2	2			1		1		1	1	2	
USA	USA, CA					1		1	2											
USA	USA, CO					2	2		1	3			2				1			
USA	USA, DE													1						
USA	USA, FL					3	3			1	3	3		2		3	2	3		2
USA	USA, GA					1	3				2	3				3		2		
USA	USA, IA					1	4			5	6	3						3		2
USA	USA, ID						1		1	1					1		1		2	
USA	USA, IL					1				2	10	14						2		9
USA	USA, IN										3	5		1		1		1		4
USA	USA, KS					8	7	1	2	7	2	1	8				5	7	3	
USA	USA, KY										1	1								
USA	USA, LA					2	3			1							3	6		1
USA	USA, MA													1						
USA	USA, MD														2					
USA	USA, ME													3		1				
USA	USA, MI										6	5		1		1				4
USA	USA, MN					2	3			2	4	1	2				1	3	1	3
USA	USA, MO									1			1							
USA	USA, MS					1					1	1					1	3		1

14:00 - 14:59																				
15:00 - 15:59																				
16:00 - 16:59																				
17:00 - 17:59																				
18:00 - 18:59																				
19:00 - 19:59																				
20:00 - 20:59	1																			
21:00 - 21:59																				
22:00 - 22:59																				
23:00 - 23:59																				
UTC (hh)	CAN BC bt	CAN BC sm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA so	USA WI zi	
NDBs	41	84	21	53	76	99	16	57	100	100	89	57	81	30	68	53	100	66	69	
	SDR	1AD	CLC	1AD	1AD	CLC	CLC	HB	+AD	POR	POR	POR	+AD	WEB	VIN	POR	+AD	CLC	+AD	

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	SDR	1AD	CLC	1AD	1AD	CLC	CLC	HB	+AD	POR	POR	POR	+AD	WEB	VIN	POR	+AD	CLC	+AD	NDBs
		CAN BC bt	CAN BC sm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA so	USA WI zi	
1	198.0																				1
2	200.0	1	1						1												2
1	201.0													1							1
2	203.0	1	2												1						2
1	205.0													1							1
2	206.0		1											1							2
1	207.0													1							1
6	209.0		1		1				1	2			1	3	1	1					6
1	212.0													1							1
1	214.0	1	1		1				1												1
2	215.0		1											1							2
2	216.0													2							2
3	218.0	1	1		1				1	1				1			1				3
2	219.0		1														1				2
1	220.0													1							1
2	221.0	1	1											1							2
2	223.0	1	1		1				1	1											2
1	224.0													1							1
1	225.0																				1
1	227.0	1	1						1					1							1
2	230.0			1									1	1		1					2
6	233.0		1		1					3			2	1	1						6
3	236.0	1	1	1	1				1	1							1				3
1	237.0																1				1

7	329.0			4	1			2	2	3	1	1		1	2	2	2	1	7
1	330.0														1	1			1
1	331.0									1									1
14	332.0	1	1	1	2	6	4	1	2	3	4	5	2	3	4	4	4	4	14
2	334.0										1	2			1	1			2
4	335.0					2	2			1	1	3		1	1	1	2	2	4
2	336.0										1	1		1	1				2
6	338.0	1	2				2	1	2	1	2	3	1	1	1	1	1	3	6
2	340.0			1			2			1	1	1		1	1	1	1		2
9	341.0	1	1		1	2	1	1	1	1	2	3	1	1	2	2	3	3	9
8	344.0	1	1		1	3	3	1	1	2	2	3		2	2	1	4	2	8
2	346.0				1	1	1			1	1	2	1		1	1	1		2
4	347.0		1		1	1	1		1	1	1	1	3		1		1		4
3	348.0				1						1	1		1					3
1	349.0				1						1	1				1	1		1
5	350.0	1	1		3	2	2	1	2	2	1	2	1		1	2	2	1	5
3	351.0			1		2	2			1	1	2		2	1	1			3
1	352.0				1														1
7	353.0		1		1	2	3	1	1	2	4	3	1	1	2	1	3	2	7
2	355.0	1			1			1			1	1	1		1	1	1	1	2
12	356.0	1	1		2	3	3		2	1	2	2	1	4	1	2	1	4	12
5	359.0	1	2		2	2	3		2	2	1	1	2		1	2	2	2	5
2	360.0				1						1	1			1		1		2
1	361.0														1				1
7	362.0			1		2	1			1	2	2		2	2	1	1	1	7
7	365.0				2	3	3			1	3	5	1		2	2	2	2	7
3	366.0			1	1	1	1			1	2	2		1	1		1		3
1	367.0										1			1					1
6	368.0	1	2		1	2	1	2	2	3	3	1	1	1	1	1	3	2	6
1	369.0											1							1
1	370.0									1	1	1				1	1		1
2	371.0			1			1				1	2					1		2
3	372.0					2	2				1	1							3
1	373.0			1							1				1				1
2	374.0	1	1		1	1	1			1			1			1	1	1	2
4	375.0										3	2		1		1	2		4
2	376.0					1			1		2	1				1	1		2
1	377.0																		1
2	378.0	1	1	1			1				1	1		1	1		1	1	2
5	379.0				2	2	2		3	5	3				1	2	3		5
3	380.0				3	2		1	2	1		1			2			1	3
1	381.5										1							1	1
8	382.0	2	2		2	1	1	1	1	3	3			1	1	2	3	3	8
2	383.0				1	1	1	1	2					1	2	1	1	1	2
11	385.0		1		2	2	2	2		2	1		1	1	2	3	2	2	11
2	386.0				1	2		1							1			1	2
7	388.0	1	1		1	1	2			1	3		1	1		1	1	1	7
3	389.0	1	1		1	1	1		1		1	1					2	1	3
2	390.0				1							1							2
7	391.0	1	1		2	1		1		5	3	2	1		1	2	2	2	7
5	392.0			1	1	2		1		3	1	2	1		1	1	2	1	5

2	394.0			1		2											1	1		2	
4	395.0				1	3	1	1	1	1	2	2					1	1		4	
2	396.0									1	1				1		1		2		
5	397.0		1		1	1	1	1	1	2			1					1	5		
1	398.0		1																1		
1	399.0																		1		
8	400.0	1	1		1	2	5	1	1	2	2	2	1		1	1	4	4	1	8	
3	401.0			1		1	1	1	1	2	1		1					1		3	
4	402.0					1	1	1	1				1					1	2	4	
2	403.0							1	1	1	1		1					1	1	2	
3	404.0																			3	
2	405.0		1					2										2		2	
2	406.0		1					1										1	2	2	
7	407.0			1			1	1	1	1			2			2		1		7	
4	408.0	1				2	2	2	1	1		1		1				1	2	4	
1	409.0																1			1	
2	410.0	1											1							2	
2	412.0															1				2	
1	413.0						1													1	
6	414.0		2		1	1	3	1	1	3									1	6	
2	415.0					1	1			1	2		1	1			1			2	
1	416.0									1										1	
3	417.0					1	1	1	1	2						1		1		3	
1	418.0					1	1											1		1	
1	419.0										1					1				1	
3	420.0					2				1	1							3		3	
1	426.0																	1		1	
1	428.0								1											1	
1	515.0	1	1																	1	
1	516.0			1												1				1	
1	525.0				1															1	
2	529.0	1			1															2	
1	530.0				1															1	
NDBs	QRG	CAN BC bt	CAN BC sm	CAN QC ky	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA OR de	USA PA el	USA TX ch	USA TX du	USA WA so	USA WI zi	NDBs
		SDR	1AD	CLC	1AD	1AD	CLC	CLC	HB	+AD	POR	POR	POR	+AD	WEB	VIN	POR	+AD	CLC	+AD	

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
269.0	BEX	Bloomfield	IA	USA	ac	0329
428.0	POH	Pocahontas	IA	USA	ac	0403
257.0	FWC	"Wayne County" Fairfield	IL	USA	ac	0326
233.0	BR	Brandon	MB	CAN	ac	0417
281.0	DMO	Sedalia	MO	USA	ac	0204
278.0	CEP	"Capitan" Ruidoso	NM	USA	ac	0200

255.0	SW	"Blaki" Stillwater	OK	USA	ac	0115
275.0	GUY	Guymon	OK	USA	ac	0127
209.0	IB	Atikokan	ON	CAN	ac	0311
223.0	YYW	Armstrong	ON	CAN	ac	0316
233.0	QN	Nakina	ON	CAN	ac	0418
236.0	ZRJ	Round Lake	ON	CAN	ac	0318
258.0	ZSJ	Sandy Lake	ON	CAN	ac	0424
274.0	YPM	Pikangikum	ON	CAN	ac	0428
245.0	ARM	Wharton	TX	USA	ac	0323
266.0	PYX	Perryton	TX	USA	ac	0121
272.0	LD	"Lubbi" Lubbock	TX	USA	ac	0426
529.0	SQM	"Sumner Strait" Level Island	AK	ALS	bt	0752
410.0	ZQ	CCGS Sir Wilfrid Laurier	BC	CAN	bt	0747
396.0	CRS	Corsicana	TX	USA	ch	0330
225.0	LWG	Lewisburg (Corvallis)	OR	USA	de	0436
332.0	XH	Medicine Hat	AB	CAN	dn	0628
230.0	NRN	Norton	KS	USA	dn	1825
347.0	GC	"Pieve" Garden City	KS	USA	dn	0330
233.0	AZN	"Amazon" St. Joseph	MO	USA	dn	0336
314.0	VTN	Valentine	NE	USA	dn	0851
392.0	AGZ	Wagner	SD	USA	dn	1818
290.0	QR	Regina	SK	CAN	dn	1012
415.0	DJD	Canton	GA	USA	dt	0128
341.0	FO	"Barro" Fort Dodge	IA	USA	dt	1901
391.0	EFW	Jefferson	IA	USA	dt	2028
407.0	CM	"Veals" Champaign / Urbana	IL	USA	dt	1852
401.0	LA	"Earle" Lafayette	IN	USA	dt	1851
400.0	CI	"Koloe" Sault Ste. Marie	MI	USA	dt	2355
392.0	XVG	Longville	MN	USA	dt	0017
417.0	SLP	"First River" Shelby	NC	USA	dt	0023
379.0	YPQ	Peterborough	ON	CAN	dt	0108
408.0	SN	"St. Catharines" Saint Catharines	ON	CAN	dt	1008
302.0	HO	"Beady" Huron	SD	USA	dt	2040
368.0	VIQ	Neillsville	WI	USA	dt	0058
391.0	MFI	Marshfield	WI	USA	dt	2327
412.0	CMY	"Mc Coy" Sparta	WI	USA	dt	1854
311.0	GK	"Jembo" Fort Smith	AR	USA	du	0307
323.0	OUK	Calhoun	GA	USA	du	1052
293.0	UI	Quincy	IL	USA	du	0430
404.0	HU	"Salt" Hutchinson	KS	USA	du	0207
407.0	OOC	"Campi" Natchitoches	LA	USA	du	0207
426.0	UV	"Tunng" Oxford	MS	USA	du	0211
404.0	ZR	Sarnia	ON	CAN	du	0445
309.0	GPI	Guapi		CLM	du	0332
315.0	UBR	Cayo Las Brujas		CUB	du	0331
385.0	PTP	Pointe a Pitre		GDL	du	0355
385.0	EMR	"Emory" Augusta	GA	USA	el	0006
332.0	DC	"Oxon" Oxon Hill (Fort Foote Park)	MD	USA	el	2356
400.0	NHK	"Patuxent" Patuxent River	MD	USA	el	2232
326.0	ZEF	"Zephyr" Elkin	NC	USA	el	2357
361.0	HB	"Himun" Burlington	NC	USA	el	0440

412.0	CTZ	Clinton	NC	USA	el	0156
417.0	HQT	"Harnett" Coats	NC	USA	el	0153
407.0	IL	"Airbo" Wilmington	OH	USA	el	0427
219.0	CX	"Latile" Harrisburg	PA	USA	el	2344
328.0	BZJ	"Bellgrove" Indiantown Gap	PA	USA	el	2358
289.0	YLQ	La Tuque	QC	CAN	el	0934
237.0	EZF	"Shannon" Fredericksburg	VA	USA	el	0418
245.0	LUA	"Caverns" Luray	VA	USA	el	0940
284.0	RQY	"Randolph Co" Elkins	WV	USA	el	0413
350.0	CP	"Acore" Cahokia / St Louis	IL	USA	fy	0037
382.0	MW	"Jonny" Marion	IL	USA	fy	0025
390.0	BR	"Burns" Burlington	IL	USA	fy	0024
397.0	CIR	Cairo	IL	USA	fy	0116
331.0	JV	"Catch" Jeffersonville	IN	USA	fy	0116
335.0	ZKF	Kitchener (Wellington)	ON	CAN	fy	0059
388.0	H7	Manitoulin East (Manitowaning)	ON	CAN	fy	0114
372.0	CQD	"Cascade" Erie	PA	USA	fy	0135
369.0	ZDX	Coolidge Saint Johns	ATG		fy	0133
408.0	Z7	Claresholm	AB	CAN	ha	0844
340.0	IWJ	"Early County" Blakely	GA	USA	ha	0519
395.0	CA	"Harvs" Newton	KS	USA	ha	0732
372.0	ZPA	Glass (Prince Albert)	SK	CAN	ha	0714
248.0	IL	"Hadin" Wilmington	DE	USA	jc	0229
402.0	LW	"Haget" Lawrence	MA	USA	jc	1708
240.0	LE	"Lewie" Auburn (Lewiston)	ME	USA	jc	0228
348.0	BUP	"Burnham" Pittsfield	ME	USA	jc	0143
278.0	ADG	Adrian	MI	USA	jc	0239
207.0	CL	Charlo	NB	CAN	jc	0224
224.0	QM	Moncton	NB	CAN	jc	0218
397.0	ZST	"Alpine" Saint John	NB	CAN	jc	0208
209.0	MJ	Lawrence Corner	NH	USA	jc	1723
216.0	CO	"Epsom" Concord	NH	USA	jc	1724
328.0	LC	"Blnap" Laconia	NH	USA	jc	1701
254.0	CAT	Chatham	NJ	USA	jc	0231
233.0	UM	Churchill Falls	NL	CAN	jc	0217
356.0	AY	St Anthony	NL	CAN	jc	0148
206.0	QI	Yarmouth	NS	CAN	jc	0121
266.0	YZX	Greenwood	NS	CAN	jc	0234
385.0	ZNS	"Midtown" Halifax	NS	CAN	jc	0201
209.0	GF	"Ganse" Glens Falls	NY	USA	jc	1723
332.0	BG	"Smite" Binghamton	NY	USA	jc	0128
407.0	FR	"Frikk" Farmingdale	NY	USA	jc	0209
215.0	YTR	Trenton	ON	CAN	jc	0222
257.0	TZ	"Gibraltar Point" Toronto Island	ON	CAN	jc	0233
403.0	ZTO	Woodhill / Brampton (Toronto)	ON	CAN	jc	0209
388.0	UN	"Penue" State College	PA	USA	jc	0200
201.0	RI	Riviere Du Loup	QC	CAN	jc	0118
205.0	YRQ	Trois Rivieres	QC	CAN	jc	0225
216.0	ME	Matane	QC	CAN	jc	0221
220.0	BX	Blanc Sablon / Lourdes de Blanc Sablon	QC	CAN	jc	0219
250.0	UAC	"Eric" Poste Montagnais	QC	CAN	jc	0229

276.0	YHR	Chevery	QC	CAN	jc	0238
329.0	OU	Ste-Foy	QC	CAN	jc	0126
344.0	YGV	Havre St Pierre	QC	CAN	jc	0141
356.0	YBG	Bagotville	QC	CAN	jc	0145
221.0	DYO	"Smuto" Rutland	VT	USA	jc	1725
257.0	CUN	"Chena" Fairbanks	AK	ALS	mx	0839
283.0	DUT	"Dutch Harbor" Unalaska	AK	ALS	mx	0641
347.0	TNC	Tin City	AK	ALS	mx	1122
350.0	VTR	"Takotna River" McGrath	AK	ALS	mx	1100
382.0	JNR	"North River" Unalakleet	AK	ALS	mx	0828
390.0	HBT	Sand Point (Borland)	AK	ALS	mx	0630
399.0	SRI	"Pribilof" St George	AK	ALS	mx	0756
404.0	GCR	"Glacier River" Cordova	AK	ALS	mx	1241
414.0	IME	"Mount Edgumbe" Sitka	AK	ALS	mx	0757
525.0	ICW	"Ice Pool" Nenana	AK	ALS	mx	0630
529.0	FDV	Fort Davis	AK	ALS	mx	0800
530.0	ADK	"Mount Moffett" Adak Island	AK	ALS	mx	0801
242.0	HN	"Ewabe" Honolulu	HI	HWA	mx	0529
327.0	VYI	"Valley Island" Kahului	HI	HWA	mx	0531
350.0	RB	Resolute Bay	NU	CAN	mx	1057
248.0	QH	Watson Lake	YT	CAN	mx	0818
348.0	HN	Honiara		SLM	mx	1247
352.0	RG	Nikau (Rarotonga Island)		CKS	mx	1154
360.0	OX	Iwo Jima		VOI	mx	1149
366.0	PNI	Pohnpei		FSM	mx	1052
400.0	MDY	"Midway" Gooneyville (Sand Island)		MDW	mx	1140
407.0	CHD	Chandler	AZ	USA	od	0810
385.0	MR	"Munso" Monterey	CA	USA	pa	0324
215.0	ZAB	"Leduc" Edmonton (Intl Apt)	AB	CAN	sm	0448
254.0	ZYC	Calgary	AB	CAN	sm	0648
307.0	M5	Manning	AB	CAN	sm	0821
398.0	YOD	Cold Lake	AB	CAN	sm	0712
200.0	YJ	Victoria	BC	CAN	sm	0143
203.0	YBL	Campbell River	BC	CAN	sm	0143
206.0	EF	"Champion" Castlegar	BC	CAN	sm	0747
246.0	ZXJ	"Taylor" Fort St. John	BC	CAN	sm	0510
293.0	MB	"Mill Bay" Victoria	BC	CAN	sm	0529
414.0	YZK	Harper Ranch (Kamloops)	BC	CAN	sm	0932
414.0	LYI	Libby	MT	USA	sm	0704
219.0	ZRS	"Ajax" Regina	SK	CAN	sm	0845
240.0	BVS	"Skagit / Bay View" Burlington / Mt Vernon	WA	USA	sm	0506
284.0	FHR	Friday Harbor	WA	USA	sm	0523
245.0	EPH	UNID		XUN	sm	0741
329.0	X2	Athabasca	AB	CAN	so	0459
362.0	6T	Foremost	AB	CAN	so	0808
406.0	2S	High Prairie	AB	CAN	so	0709
356.0	ZF	Yellowknife	NT	CAN	so	0804
329.0	YEK	Arviat	NU	CAN	so	0734
402.0	L4	Nipawin	SK	CAN	so	0642
382.0	AW	"Waton" Arlington	WA	USA	so	0508
392.0	PNA	"Wenz" Pinedale	WY	USA	so	0635

365.0	MA	Mayo	YT	CAN	so	0836
362.0	SUR	Fitzgerald	GA	USA	sr	0636
380.0	GR	"Sancy" Grand Island	NE	USA	sr	0727
362.0	AK	Akron	OH	USA	zi	0642

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE234 - 190-1740 kHz - 27.07.2018 - 30.07.2018
NOW CLE253 - 190-1740 kHz - 21.02.2020 - 24.02.2020

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CAN, BC bt	564	660	9	27	16	41	831	1786
CAN, BC sm	684	777	48	65	70	84	3014	4316
USA, AZ sr	1641	1950	31	148	19	76	4702	4712
USA, CA ha	1263	2353	33	233	26	99	2201	7473
USA, CA pa	1233	1730	18	99	15	57	2000	5641
USA, CO ac	275	1147	4	115	15	100	592	4393
USA, IL fy	582	880	33	78	56	89	1980	4303
USA, NE dn	537	834	16	48	30	57	2273	4064
USA, NH jc	661	672	28	54	42	81	1669	2808
USA, TX du	300	1502	8	150	27	100	2069	4222
USA, WA so	361	1251	6	83	18	66	1257	5970
USA, WI zi	380	788	11	54	29	69	1758	3400
Averages:	707	1212	20	96	30	77	2029	4424
% Increase:		72		370		153		118

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CAN, QC ky		336		7		21		1122
HWA mx		4234		224		53		6939
USA, CA od		1718		27		16		4084
USA, IL dt		871		87		100		3483
USA, OR de		1018		31		30		2311
USA, PA el		826		56		68		2550
USA, TX ch		1472		78		53		3960
Averages:		1496		73		49		3493
% 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 aerials, etc. Many of our CLEs re-use the same targets (frequencies, etc.) 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.

CLE253_Results_RoW.xls
bk/je - 25.02.2020