

**COMBINED RESULTS**  
Rest of the World

For overall statistics, please see the covering email.

**Reporters:**

- CAN, NS vm Vernon Matheson, Truro
- HWA mx Mike Tuggle, Kaneohe, Hawaii
- USA, AZ sr Steve Ratzlaff, Near Sahuarita, SE Arizona
- USA, CA ha Bill Haddon, Kelseyville
- USA, CA jb Joe Miller, Desert Hot Springs
- USA, CA od Frank O'Donnell, South Pasadena
- USA, CO ac Anthony Casorso, Westminster
- USA, IL dt Dave Tomasko, Galena
- USA, IL fy Joe Farley, Downers Grove
- USA, MO dp Dick Palmer, Wentzville
- USA, NE dn Don Tomkinson, Gothenburg
- USA, TX du Douglas Springfield, New Chapel Hill, NE Texas
- USA, TX op John Oppenheimer, Wylie
- USA, WI i7 Steve Zimmerman, while at Mazomanie

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 )

**BEACONS HEARD**

Beacons are shown in kHz order

The receivers' fixed frequency settings were  
about half way within the marked ranges.

(e.g. Vernon's first frequency setting was 221 kHz)

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. Doug logged 212 LIU (Littlefield, TX) between 10:00-10:59 UTC)

QRG	ID	Location	Cou, S/P	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA TX du	USA TX op	USA WI i7
212.0	LIU	Littlefield	USA, TX												10		
212.0	UC	"Obion" Union City	USA, TN												10		
214.0	LU	"Cultus" Abbotsford	CAN, BC				08										
215.0	CSZ	"Crossroads" Athens	USA, TX												00		
219.0	W7	"Pabok" Du Rocher-Pierce	CAN, QC	22													
220.0	BX	Blanc Sablon / Lourdes de Blanc Sablon	CAN, QC	22													
221.0	RP	"Wickr" Rice Lake Airport, Carl's Field	USA, WI														17
223.0	MW	"Onida" Franklin	USA, OH														15
223.0	YKA	Kamloops	CAN, BC				08										
223.0	YYW	Armstrong	CAN, ON														17
224.0	BH	"Mc Den" Birmingham	USA, AL										08				
224.0	QM	Moncton	CAN, NB	22													
227.0	CG	Castlegar	CAN, BC				05										
227.0	FZ	"Eaves" St. Louis	USA, MO										20				17
227.0	GW	"Aubon" De Kalb County, Auburn	USA, IN														17
227.0	SQ	"Pnthr" Connersville	USA, IN														17
227.0	TNZ	"Lawrence Co." Walnut Ridge	USA, AR										10				
230.0	NRN	Norton	USA, KS											18			
233.0	AZN	"Amazon" St. Joseph	USA, MO											15			
233.0	OKS	Oshkosh	USA, NE											18			
233.0	QN	Nakina	CAN, ON											05			
242.0	HN	"Ewabe" Honolulu	HWA, HI		06												
248.0	PQF	Mesquite	USA, TX							10					00	12	
248.0	WG	Winnipeg	CAN, MB					10		04							17
250.0	FO	Flin Flon	CAN, MB							10							
251.0	AM	"Pande" Amarillo	USA, TX			03				13					00	12	



353.0	AB	"Tomhi" Abilene	USA, TX									10	
353.0	LI	"Lasky" Little Rock	USA, AR									10	
353.0	LLD	Lanai	HWA, HI		06				11				
356.0	GR	"Famis" Green Bay	USA, WI										17
356.0	ODX	Ord	USA, NE							13			
356.0	PI	"Tungg" Peoria	USA, IL							17			17
360.0	PN	Port-Menier / Ile Anticosti	CAN, QC	22						05			
362.0	MT	Manitowac	USA, WI							17			17
362.0	RPX	Round Up	USA, MT			05							
362.0	SB	Sudbury	CAN, ON							01	09		
362.0	SUR	Fitzgerald	USA, GA							09			
364.0	ZHZ	"Split Crow" Halifax	CAN, NS	22									
365.0	AA	"Kenie" Fargo	USA, MN							05	09		
365.0	DYB	"Dorchester Co" Summerville	USA, SC							09			
365.0	FT	"Mufin" Fort Worth	USA, TX							09		00	
365.0	SYZ	Shelbyville	USA, IL							15	20		
366.0	ZMN	Lewisville (Moncton)	CAN, NB	22									
368.0	AN	"Alamo" San Antonio	USA, TX									08	
368.0	ROQ	Ruston	USA, LA									00	
368.0	SX	Skookum (Cranbrook)	CAN, BC			06							
368.0	ZP	Sandspit	CAN, BC			08							
371.0	FQW	"Walter Hill" Murfreesboro	USA, TN									09	
375.0	DS	Searcy	USA, AR									10	
379.0	UG	"Wauke" Waukegan (Chicago)	USA, IL							13			
380.0	GC	"Deryk" Gillette	USA, WY			05			13				
380.0	OEL	Oakley	USA, KS			06			21				
382.0	IRS	Sturgis	USA, MI							01			17
382.0	SP	"Huskk" Springfield	USA, IL							00			17
382.0	YE	Fort Nelson	CAN, BC						10				
382.0	YPL	Pickle Lake	CAN, ON						09				
383.0	CNP	Chappell	USA, NE						21				10
383.0	LB	"Panck" Liberal	USA, KS						13				
383.0	PI	"Tyhee" Pocatello	USA, ID			05			10				
385.0	CPZ	"Chaparrosa Ranch" La Pryor	USA, TX									10	
385.0	DXB	De Ridder	USA, LA									10	
385.0	EHM	Cape Newenham	ALS, AK		11								
385.0	HO	"Hossy" Hot Springs	USA, AR							05			09
385.0	OCC	"Ocean Cape" Yakutat	ALS, AK		12								
385.0	UWL	New Castle	USA, IN							18			17
386.0	SYF	St. Francis	USA, KS						13				
388.0	CFJ	Crawfordsville	USA, IN							17			18
389.0	EN	"Codee" Kenosha	USA, WI							13	17		18
391.0	DDP	San Juan / Dorado / Luiz Munoz Marin Intl	PTR, PR	01									
391.0	GXD	Nacogdoches	USA, TX									00	
392.0	ML	Charlevoix	CAN, QC	01									
395.0	ULS	Ulysses	USA, KS			05						19	08
396.0	CRS	Corsicana	USA, TX									00	17
396.0	JC	Rigolet	CAN, NL	01									
397.0	CJR	Cairo	USA, IL									08	
397.0	SB	"Petis" San Bernardino	USA, CA			05			10				
397.0	ZST	"Alpine" Saint John	CAN, NB	00									
400.0	AHQ	Wahoo	USA, NE									19	08
400.0	AI	"Addmo" Ardmore	USA, OK			06							17
400.0	MDY	"Midway" Gooneyville (Sand Island)	MDW		12								
400.0	QQ	Comox	CAN, BC	11									
400.0	ROB	"Robinson" Waco	USA, TX			05		09				00	17
401.0	YPO	Peawanuck	CAN, ON									05	
403.0	AZC	Colorado City	USA, AZ										
404.0	MOG	Montague	USA, CA			05		10	10				
405.0	2K	Camrose	CAN, AB									10	
405.0	9G	Sundre	CAN, AB									10	
407.0	BZ	"Bullo" Statesboro	USA, GA								09		
407.0	CHD	Chandler	USA, AZ						10				
407.0	CM	"Veals" Champaign / Urbana	USA, IL							17	20		
407.0	CO	"Petey" Colorado Springs	USA, CO						21				
407.0	IL	"Airbo" Wilmington	USA, OH							02	08		

407.0	OOC	"Campi" Natchitoches	USA, LA									05	08				
407.0	PLT	"Platte Center" Columbus	USA, NE										10				
408.0	JDM	"Wheatfield" Colby	USA, KS											19			
414.0	GRN	Gordon	USA, NE											19			
416.0	LB	"Panbe" North Platte	USA, NE											19			
392.0	PNA	"Wenz" Pinedale	USA, WY			05											
<b>QRG</b>	<b>ID</b>	<b>Location</b>	<b>Cou, S/P</b>	<b>CAN NS vm</b>	<b>HWA mx</b>	<b>USA AZ sr</b>	<b>USA CA ha</b>	<b>USA CA jb</b>	<b>USA CA od</b>	<b>USA CO ac</b>	<b>USA IL dt</b>	<b>USA IL fy</b>	<b>USA MO dp</b>	<b>USA NE dn</b>	<b>USA TX du</b>	<b>USA TX op</b>	<b>USA WI i7</b>

**COUNTRIES HEARD:**

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

Cou	Cou-Name	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA TX du	USA TX op	USA WI i7
ALS	Alaska, AK		3												
CAN	Canada, AB							2				1			
CAN	Canada, BC		2	3	6	1	2	3							1
CAN	Canada, MB							2							
CAN	Canada, NB	3									1				
CAN	Canada, NL	2													
CAN	Canada, NS	4													
CAN	Canada, NU									1		1			
CAN	Canada, ON							2	1	2	2	4			3
CAN	Canada, QC									2					
CAN	Canada, SK	5						1							
HWA	Hawaii, HI		3	1			1								
MDW	Midway Island		1												
PTR	Puerto Rico, PR	1													
SLM	Solomon Islands		1												
USA	USA, AL										1				
USA	USA, AR									1	1		1	3	
USA	USA, AZ			1			1	1						1	
USA	USA, CA			1	1	1	2	1							
USA	USA, CO							1							
USA	USA, FL			1						1	1		1		
USA	USA, GA										3				
USA	USA, IA								1		1				
USA	USA, ID			1				1							
USA	USA, IL								9	4	4		1		5
USA	USA, IN									4					5
USA	USA, KS			1	1			6				5	2		
USA	USA, LA									1	1		2	1	
USA	USA, MI								1	2	1	1	1		2
USA	USA, MN								2	1	1		1		1
USA	USA, MO								1		2	1			1
USA	USA, MS							1							
USA	USA, MT				1										
USA	USA, NE			1				3	3		1	5		1	
USA	USA, NM			2				1							
USA	USA, OH									1	1				2
USA	USA, OK			2				2					3	3	
USA	USA, SC										1				
USA	USA, SD														1
USA	USA, TN												2		
USA	USA, TX			2				2			2		14	9	
USA	USA, WI								2	4					5
USA	USA, WY			1	1			2							
<b>Cou</b>	<b>Cou-Name</b>	<b>CAN NS vm</b>	<b>HWA mx</b>	<b>USA AZ sr</b>	<b>USA CA ha</b>	<b>USA CA jb</b>	<b>USA CA od</b>	<b>USA CO ac</b>	<b>USA IL dt</b>	<b>USA IL fy</b>	<b>USA MO dp</b>	<b>USA NE dn</b>	<b>USA TX du</b>	<b>USA TX op</b>	<b>USA WI i7</b>

**LISTENING TIMES:**

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

UTC (hh)	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA TX du	USA TX op	USA WI i7
00:00 - 00:59	2							1				15		
01:00 - 01:59	5							1	2					
02:00 - 02:59									1					
03:00 - 03:59			1											
04:00 - 04:59							3							
05:00 - 05:59			6	6					7		4			
06:00 - 06:59		3	5	1							2	1		
07:00 - 07:59			4											
08:00 - 08:59				3						4		6		
09:00 - 09:59						2	1			10		1	1	
10:00 - 10:59						2	13			2		4	7	
11:00 - 11:59		2				1								
12:00 - 12:59		5				1							5	
13:00 - 13:59							9	4						
14:00 - 14:59							1	1						
15:00 - 15:59								3	2		1			1
16:00 - 16:59														
17:00 - 17:59								9	7				5	23
18:00 - 18:59									3					2
19:00 - 19:59			1								4			
20:00 - 20:59										7	6			
21:00 - 21:59							4							
22:00 - 22:59	8							1						
23:00 - 23:59														
UTC (hh)	CAN NS vm	HWA mx	USA AZ sr	USA CA ha	USA CA jb	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA TX du	USA TX op	USA WI i7
<b>NDBs:</b>	15	10	17	10	2	6	31	20	22	23	17	27	18	26

**REPORTERS' STATISTICS:**

Listener	Av km	Total km x1000	NDBs	Max km
CAN, NS vm	561	8	15	2999
HWA mx	3054	31	10	5733
USA, AZ sr	1542	26	17	4572
USA, CA ha	1269	13	10	1875
USA, CA jb	1688	3	2	2363
USA, CA od	1551	9	6	4084
USA, CO ac	955	30	31	2456
USA, IL dt	383	8	20	723
USA, IL fy	737	16	22	2189
USA, MO dp	708	16	23	1385
USA, NE dn	758	13	17	2281
USA, TX du	471	13	27	1361
USA, TX op	392	7	18	1372
USA, WI i7	450	12	26	945
<b>Averages:</b>	<b>1037</b>	<b>15</b>	<b>17</b>	<b>2453</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)

