

# Newsprint, Ink and Electrons Amateur Radio Style — Results ARRL Field Day 2012

**With a tip of the cap to Charles Schultz, Al Capp, Scott Adams, Bil Keane and so many more who brought smiles to our faces.**

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ARRL Regulatory Information/Field Day Manager

Growing up, one of my great memories was anxiously waiting for Sunday mornings. Why? Sunday morning meant the Sunday paper — which meant the Sunday Comics. The Sunday comics were always longer and in color, as opposed to the daily three or four small panes of black ink on white newsprint. Known in my home as the “funny papers,” there was the family ritual of passing the comics along the pecking order — from my dad to my two older sisters through my older brother and finally down to me (and eventually to my younger brother). We each had our favorite strips and characters that we followed passionately.

The comics are part of our American culture — so much so that in 1995 the US Postal Service issued a commemorative series of classic images in honor of the 100<sup>th</sup> anniversary of the comics. Even today, newspapers still bring us that special slice of fun every Sunday.

In many ways, the variety of content and characters found on those hallowed pages is comparable to the annual celebration known as ARRL Field Day. Just like the comics, each

Field Day operation has its own cast of characters and story line. Some are serious, some are humorous, highlighting the fact that Field Day can be different events to almost everyone involved, yet all can enjoy the common experience. So how does Field Day make the transition to the Sunday comics?

Many Field Day setups often begin like the *Katzenjammer Kids*. People show up at the site ready to get the show on the road and see what mischief might be available in which to indulge. In 2012, a reported 37,567 persons participated in what is annually the largest Amateur Radio event. Whether they are erecting antennas, setting up operating positions, or doing one of the hundreds of other tasks necessary to make Field Day a success, there is something for everyone to do, unless you are the *Andy Capp* of your group who only admires the efforts of others.

Do not think for a moment that Field Day is not spread across the US and Canada. This year, 2657 entries and checklogs were received at ARRL, representing all 80 ARRL and RAC sections. We also received logs from several

## Entries by Class

1A	135	10AB	1	4C	1
2A	407	15AB	2	1D	420
3A	317	1AC	14	2D	20
4A	158	2AC	30	3D	6
5A	86	3AC	35	4D	1
6A	43	4AC	11	1E	255
7A	19	5AC	7	2E	30
8A	14	6AC	1	3E	17
9A	3	1B1	59	4E	6
10A	6	2B1	2	5E	2
11A	2	1B1B	112	6E	1
12A	2	1B1C	22	14E	1
27A	1	1B2	26	1F	37
1AB	23	2B2	12	2F	65
2AB	18	1B2B	22	3F	51
3AB	7	2B2B	6	4F	19
4AB	8	1B2C	7	5F	10
5AB	1	1C	44	6F	3
6AB	2	2C	2	7F	3
9AB	1			9F	1

foreign countries. That number falls just short of the record number of entries for Field Day (2666, set in 2011), a strong indication that Amateur Radio is alive and well — and on the air! No need to call in *Rex Morgan, M.D.* for Amateur Radio.

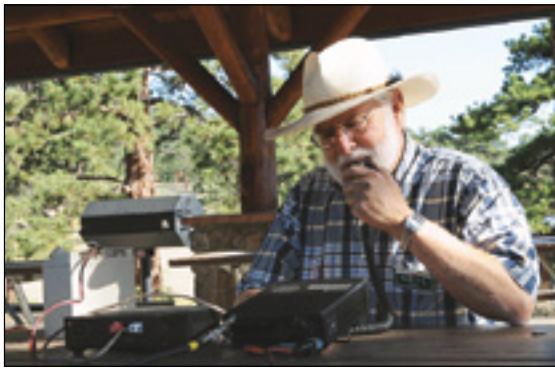
Field Day frequently means emergency power. Emergency power means generators — and

## Top 10 Claimed Scores

CALL	Claimed	Class
W3AO	35,984	27 A
W9CA	26,342	8 A
K6EI	25,405	10 AB
W5UR	20,654	6 A
W5YA	19,970	3 AB
W6YX	18,102	3 F
W4IY	18,094	10 A
W4EZ	17,385	9 AB
W6ARA	17,158	4 A
K4FC	17,042	7 A



It's hard to concentrate on the radio when your Field Day site is as spectacular as the K6WCC site in the Santa Barbara section. [Photo courtesy Erik Lundin, N8MJK]



Don, N0YE, making contacts for the W0DK, Boulder (CO) Amateur Radio Club. [Photo courtesy Ulrich Hauser, KB9TTI]

that means a veritable ***Gasoline Alley*** at hundreds of locations. In the field, a total of 1292 Class A and B stations reported using generators (48% of all entries) while another 330 Class A or B stations reported using either battery, alternate or commercial power (12%). Those 759 (29%) stations that chose to operate from the comforts of home as Class D or E stations perhaps understand, like ***Hagar the Horrible***, that home is a good place from which to operate.

Seven percent (189) of the entries received were for Class F stations demonstrating that ***For Better Or For Worse*** their interaction with emergency officials was up to the test. The final 2% of Field Day summaries came from Class C entries, which chose to operate while in motion — just not sure if they were able to keep up to speed with ***Flash Gordon***.

Do you remember when ***Dick Tracy*** replaced his two way wrist radio with a two way wrist TV? Just as changing technologies transform the comics, so too, do they continue to transform the way amateurs operate. Over 1.4 million contacts were made during Field Day 2012. For the first time, over 50,000 digital contacts were reported, continuing the trend that has seen at least a small increase in digital communications every year (except 1999) since we began reporting them separately in 1998.

CW, the mode some consider a throwback to the era of the caveman and ***Alley Oop***, is alive and well, producing over 592,000 contacts during Field Day 2012 — an increase of over 26% in the last decade. What was a bit surprising was that phone QSOs declined by about 7% from 2011. This can probably be explained by the apparent failure of the ***Wizard***

***of Id*** to conjure up significant sunspots, making 10 meters a less desirable option for many operators.

Media hits for Field Day 2012 continued to be solid. We guess ***Brenda Starr*** was impressed when she visited your station. Many of you also posted your best photos on the ARRL Field Day Soapbox website at [www.arrl.org/soapbox](http://www.arrl.org/soapbox). Be sure to visit the site, read the experiences of others, and post your own. It's a great way to generate some excitement for your club's activities.

One of the more successful recent additions to Field Day has been the online Field Day site locator, first added in 2008. This year, over 1600 groups and clubs posted their Field Day setup information on the website. It is a great way to publicize your activity. Every year ARRL HQ refers many callers to the website when they are looking for a Field Day in their area. It certainly beats having Jeff, from ***The Family Circus***, as their navigator.

In reviewing the thousands of photographs submitted by participants, one thing is clear: Field Day is not only a great operating opportunity, it remains one of the premier social events for amateurs across the country. When amateurs get together they bring enough food to feed Dagwood. We are not sure who serves as the ***Blondie*** for your covered dish supper, but be sure to thank them — before ***Garfield*** samples the repast.

Sometimes when trying to maintain your working relationship with agencies served by Amateur Radio public service communications, you can feel like one of the overlooked employees in ***Dilbert***. Successful Field Days get you noticed — and strengthen our opportunities to give back to the community. This year's entries provided numerous photos and notations about various public officials and representatives of served agencies visiting the event. Whether you are ***Shoe*** entertaining Senator Batson D. Belfry, or ***Beetle Bailey*** undergoing a site inspection from General Halftrack, Field Day is your time to shine. The more organized activity you demonstrate to VIPs, the bigger impact you can make down the road. Don't let your site be akin to ***Barney Google's***

***and Snuffy Smith's*** QTH in Hootin' Holler.

The GOTA (Get On The Air) station continues to be a popular attraction at over 460 sites that utilize this training tool. It can bring ***Little Orphan Annie***, who has been inactive in the hobby for years, back to the fold or be a place for the next generation of amateurs — the ***Rugrats*** — to whet their appetite for Amateur Radio. Many feel the GOTA station may be the single most important station at a Field Day site. GOTA is where you can introduce ***Dennis the Menace*** to a lifetime of fun and service. If your group does not utilize a GOTA station, consider adding one in 2013 if your category is eligible.

After your Field Day weekend is in the books, there is always work to do. Your club's ***Broom-Hilda*** (a.k.a. Field Day coordinator) must brew up the final potion and submit the entry to ARRL. Most groups will submit their summaries via [www.b4h.net/cabforms](http://www.b4h.net/cabforms). Once all is assembled, your claimed scores are posted and groups across the country will battle, like ***The Lockhorns***, to claim victory in their category, state or county. But perhaps your goal was more along the lines of ***Mark Trail*** — to have an environmentally solid event.

For the majority of the participants, Field Day is not about the score — it is about the fun. Just like the variety of comic strips in the Sunday paper, Field Day brings smiles to many faces, no matter how you approach it. Just as ***Doonesbury*** reflects our world and Charlie Brown, Lucy, Snoopy and all of the ***Peanuts*** gang reflect our fun-loving whimsical nature, at the end of the day Field Day reflects the experience and fun of Amateur Radio.

Field Day is always the fourth full weekend in June. So mark your calendars for June 22-23 2013. Who knows, maybe the ideas you sketch up for a successful weekend can blossom into your own syndicated comic strip. Good luck & 73.

#### Entries by ARRL / RAC Section

AB	9	ME	21	QC	22
AK	8	MI	85	RI	11
AL	34	MN	56	SB	13
AR	25	MO	63	SC	28
AZ	53	MS	31	SCV	40
BC	22	MT	15	SD	10
CO	47	NC	79	SDG	24
CT	29	ND	6	SF	12
DE	6	NE	15	SFL	24
DX	4	NFL	52	SJV	33
EB	19	NH	19	SK	7
EMA	32	NL	3	SNJ	20
ENY	27	NLI	29	STX	71
EPA	56	NM	30	SV	32
EWA	24	NNJ	32	TN	57
GA	60	NNY	6	UT	23
IA	33	NTX	62	VA	83
ID	24	NV	14	VI	1
IL	82	NWT	4	VT	12
IN	59	OH	122	WCF	25
KS	30	OK	25	WI	53
KY	36	ON	71	WMA	18
LA	19	OR	49	WNY	52
LAX	36	ORG	50	WPA	42
MAR	9	PAC	8	WTX	16
MB	3	PR	7	WV	14
MDC	56			WWA	69

#### General Field Day Statistics

Year	2012	2011	2010	2009	2008	2007
CW QSOs	592,094	577,181	540,419	556,525	506,139	511,580
Digital QSOs	50,908	45,099	41,872	38,340	27,869	22,112
Phone QSOs	757,256	812,083	747,419	765,536	702,847	679,240
Total QSOs	1,400,258	1,434,363	1,329,710	1,360,401	1,236,855	1,212,932
Total Entries	2,657	2,666	2,648	2,642	2,409	2,331
GOTA	461	463	467	470	447	467
Participants	37,567	39,287	37,764	37,592	35,798	34,833

## Scores

Score listings are grouped according to the number of transmitters in simultaneous operation and their entry class. The listings show club or group name, call sign(s) used, total number of QSOs, number indicating power output used (5 is less than 5 W, 2 is less than 150 W; 1 is more than 150 W), number of participants, total score (including bonus points) and ARRL / RAC section. Entries are listed from highest to lowest claimed score in each class. Class A stations are clubs or groups portable with 3 or more participants. Class B stations are portables with one or two participants. When there are two operators, the other operator's call is listed in parentheses, if it is known. Class C stations are mobiles. Class D stations are home stations using commercial power. Class E stations are home stations using emergency power. Class F stations are EOC stations.

Class A — 3 or more Participants Portable										South Point ARC										Randallstown ARC													
1A	Tilson Contest Club	K5WA	2420	2	8	9,088	STX	QCWA Chapter	170	W7QD	442	2	3	1,962	EWA	VA3WG	258	2	3	666	ON	N3IC	(+K3MZ)	2786	2	20	9,648	MDC					
	Bear Mountain Contest Team	N2IC	2135	2	5	8,156	NM	Wasteland Comm Corp	K6WCC	549	2	3	1,952	SB	KE5FSY	53	2	6	656	AR	Sakonet 49'ers	W1LY	(+W1SYE)	2655	2	38	9,388	RI					
	Robert F Heytow Memorial RC	K9YA	1394	2	3	6,326	IL	Hanburger's Helpers ARC	K3HH	550	2	3	1,924	MDC	Hi-Line ARC	W7HAV	31	2	9	634	MT	Canton ARC	W8AL	(+NX8J)	2324	2	69	9,228	OH				
	Case ARC	VE6EDU	1547	2	4	5,964	OH	Eastern Panhandle ARC	K8EP	617	2	12	1,874	WV	MDOT ARC	KM5DOT	108	2	3	610	MS	Lafayette DX Assn	W9LDX	(+H9IN)	2700	2	12	9,080	IN				
	Hoosier DX and CC	KJ9D	1466	2	13	5,904	IN	Qualcomm ARC	VE3LCA	412	2	5	1,862	ON	Keeping Amateur Radio Fun	K0ARF	173	2	3	582	MN	Williamson Cty Amateur RC	N5TT	(+N5T)	2384	2	51	8,720	STX				
	Alberta Clippers CC	W6QAR	1309	2	9	5,702	SDG	Benton ARS	K5NE	353	2	15	1,714	AR	Maui ARC	WD8CHK	162	2	8	574	OH	Smithchart ARS	K4OO	2748	2	13	8,666	NC					
	Oconee District 17 FD Group	N4S	1534	2	9	5,618	SC	VE2CLM	431	2	15	1,776	QC	KH6RS	1404	1	10	1,783	PAC	CRA Rive-Sud Montreal	N7EJH	160	2	6	570	WY	Central OR DX Club	N7LE	2463	2	9	8,268	OR
	Potomac Valley RC	N4A	1369	2	3	5,526	NC	Mayerthorpe Flying Tigers	VE6FT	723	1	11	1,646	AB	University ARC	WD8MQN	117	2	8	564	VA	Northern Arizona DX Assn & Coconino ARC	W7TB	(+KC7KCN)	2100	2	21	8,268	AZ				
	Carolina Contest Consortium	K4FQU	1499	2	3	5,232	NC	Paso Robles ARC	W6R	639	1	25	1,635	SB	W6R	W4UAL	318	1	3	553	AL	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH					
	Koolau ARC	KH6J	1516	2	41	5,224	PAC	VE6TL	1289	2	4	5,664	AB	W6R	WC7EC	122	2	12	536	OR	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Bozo and the Lids	W9TG	1122	2	4	5,038	IN	VE2ARC	1224	2	25	4,688	QC	W6R	WE7EC	122	2	12	536	OR	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND						
	Sam Houston AR Klub	A15M	1089	2	21	4,804	STX	W8PRC	356	2	31	1,632	OH	W6R	Novi ARC	N3RAY	138	2	3	396	EPA	Central Virginia CC	N5PQ	2375	2	5	8,046	CO					
	Buckeye DX Club	WBOS	1107	2	7	4,774	OH	JJ&W Contesters	W8PJC	725	2	6	1,608	MN	W6R	W8VOI	60	2	3	532	MI	W4ML	W8PJD	(+W4MYA)	1907	2	16	7,972	VA				
	Montreal ARC / West Island ARC / Concordia University ARC	W3KDR	1046	2	8	3,596	MDC	W3CDI	360	2	14	1,592	NC	W6R	W8VOI	157	2	3	514	BC	Escondido ARS	N0BG	229	2	11	1,568	ND						
	ARA of So New England	W1AQ	1464	2	13	4,562	RI	W9FRG	309	2	12	1,548	WI	W6R	W7IHL	157	2	3	514	BC	N6SD	W9FRG	309	2	12	1,548	WI						
	Red Ant Annihilators/SCAN/BVSARC	K16J	1747	2	5	4,198	SJV	W9FSG	228	2	10	1,490	ME	W6R	W9GFD	101	2	5	352	IL	Schaumburg ARC	W9FSG	2375	2	5	8,046	CO						
	Murphy's Law Radio Group	N5KM	1068	2	26	4,082	NTX	ARC of the Univ of Arkansas	K5GOE	240	2	39	1,434	AR	W6R	W9GFD	101	2	5	352	IL	N9RJV	K5GOE	240	2	39	1,434	AR					
	Wayne ARC	W8AV	905	2	11	3,940	OH	Vicksburg ARC	K4RET	118	2	4	336	VA	W6R	W9GFB	118	2	4	336	VA	Purveyors of Doom	K5ZRO	290	2	4	1,426	MS					
	Big Hill ARC	K0HP	821	2	5	3,930	SD	Poly Alumni RC	K4QGB	360	2	14	1,592	NC	W6R	W9GFB	118	2	4	336	VA	Victoria Haliburton ARA	W3CDI	272	2	6	1,354	MDC					
	Page Vale ARY	K4PMH	1197	2	18	3,902	VA	W3CDI	549	2	3	1,348	WI	W6R	W9GFB	118	2	4	336	VA	W4ML	KB3UDP	10	2	3	272	MDC						
	Sandia National Laboratories ARC	W5MPZ	1309	2	11	3,880	NM	W7FTX	259	2	54	1,288	MT	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA						
	Dr. Loomis Memorial Junior Mechanics League	W8AV	905	2	11	3,940	OH	Issaquah ARC	W7BI	200	2	6	1,226	WWA	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA					
	Big Bend ARC	K5FD	1188	2	20	3,460	WTX	W6VVR	360	2	8	1,190	EB	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA						
	RC of Redmond	N7KE	877	2	19	3,292	WWA	W6VVR	272	2	6	1,190	EB	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA						
	Motorola ARC	W3KDR	1046	2	8	3,596	MDC	Great River ARC	W0DBQ	260	2	13	1,170	IA	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA					
	K0AJW	858	2	10	3,496	ND	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA						
	Laurens Ct ARC	K5FD	1188	2	20	3,460	WTX	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA					
	W3CDI	W0KU	295	2	5	1,220	CO	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA					
	W6R	LOWARS	VE3JF	212	2	8	1,204	ON	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA				
	W6R	Vaca Valley RC	W7FTX	259	2	54	1,288	MT	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA				
	W6R	W6R	W6VVR	360	2	8	1,190	EB	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA				
	W6R	W6R	W6R	Great River ARC	221	2	3	1,012	NC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA			
	W6R	W6R	W6R	W6R	W0DBQ	260	2	13	1,170	IA	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA		
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118	2	4	336	VA	
	W6R	W6R	W6R	W6R	W6R	W9FSG	239	2	20	1,160	QC	W6R	W9GFB	101	2	5	352	IL	W6R	W9GFB	101	2	5	352	IL	W4ML	W9GFB	118					

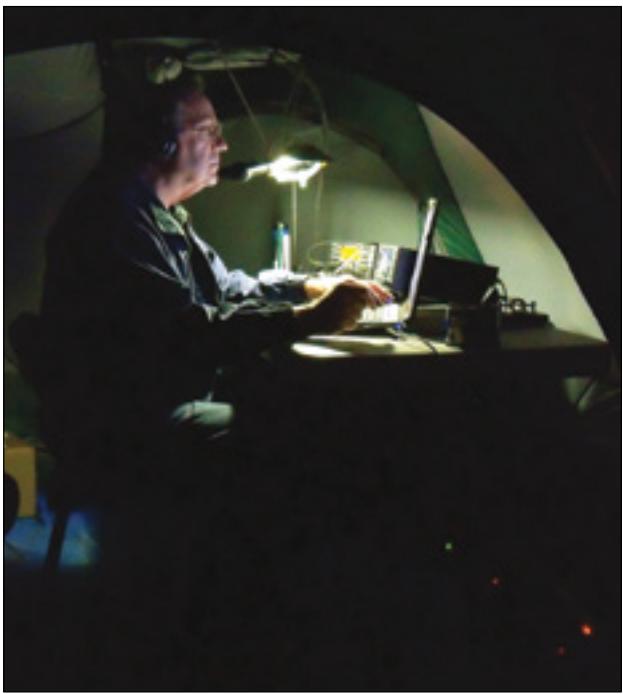


Hamilton Cty ARA  
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Stockton-Delta ARC  
W6SF 450 2 26 1,730 SJV  
JTRG  
W4J 296 2 60 1,720 SFL  
Mt. Magazine ARC  
W5MAG 587 2 12 1,694 AR  
Middle Peninsula ARC  
W4HZA 348 2 35 1,692 VA  
Barrie ARC  
VE3GCB 346 2 19 1,692 ON  
Milton ARC  
W4VIY 341 2 8 1,678 NFL  
Orchard City ARC  
VE7OGO 427 2 12 1,674 BC  
Quinte ARC / Prince Edward RC  
VE3RL 487 2 15 1,668 ON  
ARA of Bloomington  
WC0AAA 348 2 21 1,666 MN  
Whitley Cty ARC  
WC9AR 615 2 34 1,660 IN  
Bryan ARC  
W5BCS 330 2 57 1,658 STX  
UCSC ARC  
AC6P  
(+K6CPA) 258 2 40 1,656 SCV  
Mobile Emergency Communication  
VE4MEC 527 2 18 1,644 MB  
Western Tidewater RA  
WT4RA 377 2 16 1,638 VA  
Low Tide DX Club  
W6LTR 502 2 46 1,634 SJV  
Highline ARC  
NC7G 264 2 15 1,614 WWA  
Moore City ARA  
NC4ML  
(+N4ALH) 145 2 31 1,590 NC  
Eastern Washington ARC  
W7GHJ 223 2 14 1,588 EWA  
Lake of the Ozarks ARC  
N0ZS 488 2 22 1,580 MO  
Renton EmComm Serv  
K7FDF 470 2 9 1,554 WWA  
Hickman Co. ARES  
WD4CW  
(+KK4JTL) 247 2 8 1,544 TN  
Rocky Mountain Hamsters  
KD0NQG  
(+K6RIS) 435 2 12 1,542 CO  
Butler Cty Amateur Radio Assn  
W3UDX  
(+AA3YW) 450 2 15 1,530 WPA  
San Gorgonio Pass ARC  
W6PRC 174 2 28 1,526 ORG  
Lincoln Cty Volunteer Comm  
NC4LC 262 2 28 1,504 NC  
Utica ARC  
K2IQ 285 2 12 1,504 WNY  
Tompkins Cty ARA  
AF2A 301 2 10 1,494 WNY

NHRC ARS  
W1CUM 486 2 8 1,488 NH  
Cleveland Cty AR Service  
NA4CC  
(+N4CLY) 186 2 9 1,482 NC  
Metuchen RC  
K2YNT 462 2 9 1,478 NNJ  
W1MX  
(+W1AF) 357 2 11 1,466 EMA  
VE2RMP Radio Group  
VE2CUR  
(+VE2BRO) 406 2 10 1,462 QC  
Arapahoe ARES D22/Aurora Rep Assn/  
Cherry Creek Young  
N0ARA  
(+W0CCY) 321 2 79 1,460 CO  
Soc of Newfoundland Radio Amateurs  
VO1VON 143 2 9 1,436 NL  
Oak Grove Hamsters  
KB0NHW 240 2 4 1,430 MO  
Raritan Bay Radio Amateurs / Manalapan  
RACES  
K2GE 158 2 20 1,402 NNJ  
Hall of Science ARC  
WB2JSM 464 2 21 1,398 NLI  
Richmond ARC  
W4ZA  
(+W4RAT) 422 2 50 1,392 VA  
Club Radio Amateur Matane VA2CMQ  
VA2CMQ 238 2 55 1,392 QC  
MCARA / MCARES  
K4ZK  
(+WX4MC) 342 2 30 1,386 SFL  
Huron ARA  
W0NOZ 241 2 11 1,382 SD  
X Mounties Ottawa Group  
VE3LC 358 2 3 1,376 ON  
ARA of Nebraska  
W0WWV 329 2 20 1,374 NE  
W5AUU 303 2 50 1,364 AR  
VE5MA 428 2 9 1,358 SK  
Warren Cty RACES  
WC2EM 363 2 10 1,336 NNJ  
Laurel ARC  
W3LRC 342 2 15 1,336 MDC  
Santa Clarita ARC  
W6JW  
(+N7TN) 355 2 15 1,330 LAX  
W5PMS  
(+K5RDA) 161 2 14 1,312 MS  
Oxford Cty ARES / CERT Comm  
W1OCA 314 2 12 1,306 ME  
Southern Crescent ARC  
KJ4PKX 237 2 6 1,298 GA  
SARES  
K6SNY 159 2 41 1,290 SCV  
Pamlico ARC  
K4BCH 405 2 10 1,288 NC  
Pocatello ARC  
N7PI 282 2 30 1,284 ID

W6IER  
(+WA6HP) 313 2 41 1,270 ORG  
Kauai ARC  
KH6E 514 1 15 1,264 PAC  
Maple Valley ARC  
KC7KEY 249 2 30 1,252 WWA  
Blue River Valley ARS  
W9JUQ 348 2 9 1,246 IN  
Laguna Beach EmComm Team  
N6L  
(+W01S) 144 2 55 1,238 ORG  
Iroquois City ARC  
AD9L 227 2 6 1,224 IL  
Not Quite Workable FD Group  
AA8BV  
(+N8JQL) 350 2 7 1,216 OH  
Four Rivers ARC  
K4HAO 301 2 17 1,212 GA  
Trident ARC  
N4EE 174 2 10 1,198 SC  
Owen Cty ARA  
K9EOH 122 2 17 1,194 IN  
Big Island ARC  
KH6EJ 81 2 60 1,194 PAC  
Sacramento Mountains RC  
KE5MIQ 236 2 13 1,190 NM  
Crescenta Valley ARC & Glendale Em Aux  
Radio Serv  
AD6IZ 257 2 15 1,168 LAX  
Southern Kentucky Amateur Transmitting  
Soc  
KY4AR 186 2 24 1,162 KY  
Ramona Outback ARS  
AA6EE  
(+KF6AUP) 116 2 29 1,162 SDG  
Clinton ARC  
W0CS  
(+KD0JST) 274 2 21 1,138 IA  
SEMO ARC  
W0QMF  
(+W0RMS) 310 2 15 1,120 MO  
Daviess Cty ARC  
KC9SFL  
(+KR9E) 194 2 12 1,118 IN  
Ottawa Valley Mobile RC  
VE3RAM 208 2 17 1,114 ON  
ARC at Univ of Central Florida  
K4UCF  
(+KK4CYA) 127 2 6 1,104 NFL  
Orange City ARC & ARES  
KB9OHY 119 2 9 1,088 IN  
Madison-Oneida ARC  
W2MO  
Lake Erie ARA  
WB8COR 329 2 11 1,084 OH  
Carolina ARES  
WX4SC 166 2 12 1,082 SC  
Okanogan Cty ARC  
W7ORC 262 2 18 1,074 EWA  
Anoka Cty EM/RACES  
W0ANA 282 2 13 1,074 MN  
Frogmore Stew & Brew Crew  
W4ATC 387 2 9 1,066 NC  
Crown Radio Group  
W3RP 182 2 4 1,062 WPA  
Mizpah Shrine Radio Unit  
W9FEZ 270 2 7 1,058 IN  
Spokane DX Assn  
K7SDX 310 2 30 1,052 EWA  
Lamorinda Area Radio Interest Group  
K6ORI 100 2 8 1,050 EB  
LASSEN ARC  
K6LR  
KJ6WPW 149 2 6 1,048 SV  
Clay Cty ARES  
K4C  
(+KK4JYN) 95 2 10 1,040 NC  
Ocean State ARG, Inc.  
K1OS 217 2 6 1,034 RI  
University of Akron ARC  
W8UPD 180 2 10 1,028 OH  
Southern Piedmont ARC  
WD4NHW 142 2 5 1,022 GA  
Shuswap ARC  
VE7RC 148 2 10 1,016 BC  
Venango Group  
K3NE 282 2 6 1,014 WPA  
N8RGF 303 2 3 1,012 MI  
Scoland ARA  
K0FTT 233 2 10 1,010 IA  
N3JJT 237 2 3 1,008 OH  
West River RC  
WR1VT 209 2 14 1,000 VT  
Piedmont ARES  
K4PAR 172 2 10 996 GA  
Albuquerque ARC & AR Caravan Club  
N5VA  
(+KD5RHR) 130 2 12 990 NM  
Rains ARA / Hopkins Cty ARC  
W5ENT 130 2 15 974 NTX  
TARA  
K3TAR 260 2 3 970 EPA  
Temple ARC  
W5LM 227 2 20 964 NTX  
Davenport RAC  
W0BXR 80 2 40 960 IA  
Red Oak Society  
K2OAK 180 2 7 960 NNJ  
Ft Armstrong Wireless Assn  
K3TTK 301 2 22 952 WPA

W7TD 101 2 18 952 EWA  
Beaufort RAG  
W4BFT 129 2 22 948 SC  
Plumas ARC  
K6PLU 171 2 12 932 SV  
ARA Of Central California  
K16GIL 172 2 28 912 SJV  
Lake Washington Ham Club  
K7LWH 159 2 18 910 WWA  
Ogle Cty ARES  
W9GD  
(+N9QDJ) 251 2 8 902 IL  
West Seattle ARC  
W7AY 63 2 5 886 WWA  
W0ILO  
(+KA0Q) 104 2 6 882 MN  
USC ARC  
W6VV 113 2 3 876 LAX  
Camp Inda Romeo  
WB9QAF 64 2 9 870 NE  
Brunswick Shores ARC  
N4GM 129 2 5 868 NC  
W4ODR 517 1 6 867 TN  
Jones Cty ARC  
W0CWP 217 2 8 864 IA  
Aeronautical Center ARC  
W5PAA 82 2 15 864 OK  
Oroville ARS  
W6AF 195 2 21 856 SV  
TCARES  
K7MOO 52 2 35 854 OR  
Club Radio Amateur de l'Estrée  
VE2RAE  
(+VA2MZ) 248 2 15 846 QC  
STARs ARC  
W9SRC  
(+AB9JW) 157 2 32 844 IL  
Scott Cty ARES  
N0BHC 147 2 32 844 MN  
Insurance City Repeater Club  
K1CRC 115 2 15 830 CT  
Port Lavaca ARC, Inc.  
W5KTC 139 2 9 828 STX  
W2ZZJ 37 2 23 824 WNY  
Sibley Cty ARES/SMARTS RC  
WB0RMK 201 2 7 822 MN  
Elmendorf ARS  
KL7YK 17 2 7 808 AK  
Central Kansas ARC  
W0CY 252 2 12 804 KS  
Lake Oswego ARES  
WA7LO 26 2 10 802 OR  
Elmendorf ARS  
KL7AIR 16 2 6 802 AK  
W6HA 162 2 3 784 ORG  
Wexaukee ARC  
K8CAD 152 2 10 774 MI  
Lancaster & Fairfield Cty ARC  
K80IK 181 2 7 762 OH  
Renfrew Cty ARC  
VA3NRR 103 2 18 756 ON  
Wolsey Repeater Group  
VE5LA 108 2 8 750 SK  
K2EFG 75 2 4 750 NLI  
Northeast Iowa RA Assn  
W0MG 93 2 13 732 IA  
West Cty ARA  
KB3PSL 35 2 5 730 WPA  
KT1I 240 2 3 730 WMA  
Seneca RC  
W8ID 158 2 15 716 OH  
Amateur RA of Bremerton  
W7VE 134 2 3 704 WWA  
Flint Hills ARC  
KB0VAC 112 2 6 686 KS  
Walker Cty AR Group  
W5HVL  
(+W5HVL) 61 2 12 682 STX  
Westside ARC  
W5ABD 54 2 8 674 LA  
Ozark ARC  
K5BAX 133 2 10 666 AR  
KF6HTE 108 2 6 666 EB  
Albany ARC  
W4MM 258 2 13 666 GA  
NC4MC 49 2 6 664 NC  
Phillips Cty ARC  
W0ZKN  
(+W0RMB) 97 2 9 664 KS  
Top of Michigan ARC  
N8PTZ 156 2 10 662 MI  
Old Boy Scouts  
NSBXP 127 2 3 642 STX  
Lakeshore ARA  
KC9VNO 120 2 3 640 WI  
MAARS  
KS0MAN 89 2 6 628 KS  
Club de Radio Amateur du Madawaska  
VE9CRM 162 2 24 624 MAR  
Lower Yellowstone ARC  
W7DXQ 157 2 15 614 MT  
Boy Scouts Troop 5 ARC  
KT5BSA 222 2 9 574 LAX  
W8COD 50 2 8 570 OH  
Henderson ARC ARES  
W4KVK 9 2 6 568 KY  
Desert Circle ARC  
NU7DE 43 2 3 568 NM



Tom, W0IVJ, working a night shift for the crew using W0C. [Photo courtesy Tom Thompson, W0IVJ]

RDG2 / NVIS Comm ARC	Oakville ARC	Rowan ARS	Haywood Cty ARC
VE2NVS 106 2 4	562 QC	VE3HB 1540 2 17 6,442 ON	KW4P 999 2 35 2,888 NC
Carlsbad AR	N5CNM 106 2 5	Johnson City RAC	San Fernando Valley ARC
Wellesley ARS	W1TKZ 36 2 23	(+W0DEW) 1903 2 60 6,234 KS	W6SD 681 2 35 2,860 LAX
Mitre Bedford ARC	W1ON 62 2 4	Arrowhead RAC	Bella Vista Rep Group
Seaway Valley ARC	VE3VSW 121 2 12	W0GKP 1512 2 45 6,152 MN	K0SNG (+KD5UFY) 574 2 35 2,830 AR
K7CVO 31 2 10	542 ON	Scottsdale ARC	Federacion de Radioaficionados de Puerto Rico
Benton City ARS	Hamilton City AR Public Service Corps	K7TR 1910 2 10 6,150 AZ	KP4FRA 592 2 15 2,828 PR
K8YOJ 84 2 6	K8D 62 2 4	Montgomery ARC	DCARS
220 MHZ GUYS ARC	WM9W 132 2 8	W3M	K8PL 730 2 20 2,812 MI
Virgin Islands RC	N8WP 115 2 5	(+KV3B) 1350 2 46 5,880 MDC	DARC - MARA — Tri-State
K2PD 96 2 10	430 SNJ	Watowanna Steele Cty ARC	W4EM 563 2 115 2,806 TN
N8WP 115 2 5	East Mississippi Field Unit	N0UW	BEARONS
WE5DX 98 2 4	346 MS	(+K0HNY) 1412 2 41 5,868 MN	W7FLY 598 2 9 2,780 WWA
Colusa Cty Emergency Reserve Unit	W6VNQ 62 2 7	San Lorenzo Valley ARC/Santa Cruz Cty ARC	Monessen ARC
W6VNQ 62 2 7	324 SV	K6MMM	W3CSL 739 2 25 2,780 WPA
<b>3A</b>			
North Shore RC	K0R	K4CPO	Springhill ARC, Inc.
(+K9RST) 3421 2 95	12,066 IL	(+K4CPO) 1013 2 77 3,862 TN	N5II (+KF5QOQ) 707 2 9 2,776 LA
Rochester ARC	W0BM	Anchorage ARC	Blue Ridge ARS
(+K0RGR) 3273 2 39	11,622 MN	KL7AA	W4NYK 693 2 25 2,718 SC
Twin City FM Club	W0EF	K0RV	Arlington ARC
(+WB0N) 2822 2 50	10,198 MN	(+KQ0C) 1654 2 35 5,858 CO	K5SLD (+N5ACK) 532 2 53 2,678 NTX
South Lyon Area ARC	N8SL	Oh-Ky-In ARS	San Joaquin Valley ARS
(+K8BRF) 2900 2 26	9,990 MI	K8SCH	W6V (+N6RBO) 617 2 25 2,668 SJV
Stamford ARA	W1EE	(+W1SCR) 1640 2 30 5,816 OH	Toronto ARC
(+K1FC) 2961 2 81	9,940 CT	Forx ARC	VE3TNC (+VE3BGD) 601 2 25 2,660 ON
N1EV	(+W1NLK) 2677 2 25	N0GF	SPARK
Utah DX Assn	AD7KG	(+N0GFK) 1502 2 18 5,808 ND	W4QR 714 2 77 2,654 VA
(+K7UT) 3207 2 36	9,646 UT	Baton Rouge ARC	VE2CRO 892 2 45 2,634 QC
North Shore RA	NS1RA	K5DF	Iowa City ARC
(+KB1PAL) 2263 2 40	9,282 EMA	(+K5LSU) 1536 2 47 5,724 LA	W0JV 546 2 18 2,634 IA
Team K1RH	K1RH	Yonkers ARC	Rome RC
3142 2 9	9,030 MDC	W2YRC	W2OFQ (+N2MG) 531 2 14 2,614 WNY
Albany ARA	K2CT	(+KF2FK) 1327 2 37 5,544 ENY	West Park Radiops
(+KM2O)	2580 2 31	8,984 ENY	W8VM 717 2 22 2,608 OH
San Andreas Faultline Survivors	W6SW	SEPAR / LARA / SARC	Santa Fe Trail ARC
(+N6F) 2697 2 15	8,926 SJV	VE7LSY 1227 2 30 5,536 BC	KS0KS (+AC0KN) 789 2 12 3,716 KS
Magnolia DX Assn / Great Southern DX Assn	W8TNO	Dial RC of Middletown	QSY Society
(+W5NO) 2325 2 18	8,872 MS	K8PI	K2QS (+WB2LQF) 798 2 25 3,698 ENY
Edmond ARS	K5MDX	(+W8BLV) 1391 2 48 5,404 OH	Boeing Employees ARS — St. Louis
K5EOK	(+AE5ZF) 2709 2 68	Nashoba Valley ARC	W0MA 775 2 11 3,660 MO
Oakland City ARS	(+N8G)	N1NC	Hernando Cty ARA
W8TNO	3068 2 26	(+K1BG) 1307 2 65 5,242 EMA	K4BKV 600 2 11 3,652 NFL
Utah ARC	W7SP	TriState ARS	Conair / 220 ARC
(+AC7RA) 2501 2 145	8,624 UT	W9OG	W6UUS 998 2 34 3,648 SDG
Mississippi State University ARC & Magnolia ARC	(+W5NO)	(+WA9C) 1416 2 37 5,140 IN	Parkersburg AR Klub
WSYD	1921 2 17	Paducah ARA	N8NBL 1025 2 40 3,640 WV
(+NF5F)	1921 2 17	8,212 MS	W8M 1167 2 20 3,634 MI
Midland ARC	K5DC	(+W1MHL) 1443 2 50 4,896 EMA	Tri-County ARC
(+W5QGG) 1965 2 12	8,190 WTX	Cumberland Plateau ARC	WX4TC (+KK4FSA) 1143 2 35 3,614 GA
Victor Zulu Field Day Group	N3VZ	W4CV	Newton/McPherson ARC
2467 2 6	7,948 EPA	(+KT4BW) 1148 2 44 4,784 TN	N0NK (+W0TWU) 771 2 25 3,552 KS
Lighthouse AR Alliance	N4WZ	White Mountain ARC	Austin ARC
2459 2 28	7,746 SFL	W1KJ	W5KA (+K5LBJ) 673 2 66 3,500 STX
Stanwood-Camano ARC	W7PIG	1282 2 25 4,782 NH	Henry Cty ARC
(+N7KRN) 1962 2 29	7,690 WWA	Fountain Valley Am Comm Team & West Coast ARC	W9OB 1359 2 23 3,488 IN
Jefferson Cty ARC	W7JCR	W6FV	Elli Jay ARS
1659 2 26	7,366 WWA	(+KG6AEL) 1216 2 18 4,738 ORG	KE4ZX 854 2 20 3,456 GA
Murgas ARC	K3YTL	Twin City Ham Club	New River Valley ARC
(+W3MTP) 2320 2 32	7,346 EPA	W5EA	N4NRV 832 2 20 3,414 VA
Seattle ACS / MST / Puget Sound Rpt Group / West Sea ARC	W7ACS	(+N5LCC) 1496 2 25 4,698 LA	Nixa ARC
1708 2 57	7,252 WWA	Saratoga Cty ARA	W0A 955 2 15 3,368 MO
Barnstable ARC	N1CP	K2DLL	Big Rapids Area ARC
(+K1PBO) 1925 2 20	7,062 EMA	(+N2MBX) 1431 2 18 4,672 ENY	N8OE 919 2 9 3,314 MI
Fond du Lac ARC	W9EBV	CRES ARC	Southern Vermont ARC
1728 2 25	7,026 WI	W8ZPF	K1SV (+WT1B) 1060 2 20 3,302 VT
South Orange ARA	W7JCR	Ashtabula Cty ARC	United Radio Amateur Club
K6SOA	(+K6WO)	K8CY	K6AA 747 2 30 3,274 LAX
1886 2 52	6,816 ORG	(+N8PEG) 1328 2 20 4,500 OH	Maury ARC
East Bay ARC & W6BB ARC	W7ACS	Central Illinois RC	W4GGM (+WB0CJB) 726 2 35 3,252 TN
W6CUS	(+W6BB)	W9EX	Overlook Mountain ARC
1738 2 60	6,796 EB	Albermarle ARC	K2ENY (+K2UNI) 538 2 25 3,218 ENY
Stonewall Jackson ARA	K8DF	W4DO	Rolla Regional ARS
1964 2 21	6,590 WV	1206 2 54 4,436 VA	W0GS 642 2 15 3,182 MO
Geezer ARC	(+K8TPH)	Nittany ARC	K2PUT 610 2 43 3,162 ENY
1611 2 74	6,580 STX	W3YA	W4FBF (+NC4DP) 866 2 43 3,154 NC
Kankakee Area RS	W9AZ	2924 1 15 4,436 WPA	Aero ARC
(+N9FD)	1502 2 36	Coquitlam/Burnaby/New West ARCs	W3PGA 725 2 15 3,130 MDC
6,526 IL	7,548 EPA	VE7SCC 1229 2 40 4,418 BC	Missouri Outlaws
Villages ARC	W6AJF	W6AF 911 2 15 4,362 SF	K1OI 726 2 3 3,092 MO
K3YTL	(+W3MTP)	N2NNY	Brandon ARS
2320 2 32	7,346 EPA	K4VRC	K4TN (+KC4MMR) 617 2 36 3,088 WCF
Seattle ACS / MST / Puget Sound Rpt Group / West Sea ARC	W7ACS	(+N8RW)	Mason Cty ARC
1708 2 57	7,252 WWA	Scranton Pocono Amateur Radio Klub	N7SK 519 2 20 3,062 WWA
Barnstable ARC	N1CP	K3CSG	Cooshtoan Cty ARA
(+K1PBO) 1925 2 20	7,062 EMA	(+W3BA)	W8C 587 2 21 3,056 OH
Fond du Lac ARC	W9EBV	North Franklin ARS	Peterborough ARC
1728 2 25	7,026 WI	969 2 10 4,212 NNY	VE3RB (+NE4DP)
South Orange ARA	W7JCR	W4UD	617 2 20 3,018 ON
K6SOA	(+K6WO)	1086 2 51 4,206 TN	South Piedmont Amateur Radio Klub
1886 2 52	6,816 ORG	W4UD	N4FU 673 2 10 2,996 VA
East Bay ARC & W6BB ARC	W7ACS	W4UD	NC0A 566 2 13 2,992 CO
W6CUS	(+W6BB)	1085 2 56 4,256 EPA	Panhandle ARC
1738 2 60	6,796 EB	N2NNY	W5WX (+N5HPJ)
Stonewall Jackson ARA	K8DF	969 2 10 4,212 NNY	684 2 21 2,988 WTX
1964 2 21	6,590 WV	Wilson's Wonders	Noreast Wireless RC
Geezer ARC	(+K8TPH)	N7KN	NW2C 669 2 10 2,950 NLI
1611 2 74	6,580 STX	1046 2 4 4,154 EWA	Sonomia Cty Radio Amateurs, Inc.
W9AZ	(+K5HV)	W2XRX	K6SON (+W6SON)
(+N9FD)	1502 2 36	1021 2 10 4,136 WNY	640 2 48 2,910 SF
6,526 IL	7,548 EPA	Cape May Cty ARC	N4GAS (+K4GNC)
Villages ARC	K8ESQ	N2CMC	582 2 25 2,902 NC
K3YTL	(+W3MTP)	(+AC8IL)	Shelby ARC / ARES
2320 2 32	7,346 EPA	1005 2 64 4,124 SNJ	WA4TV 890 2 33 2,890 NC
Seattle ACS / MST / Puget Sound Rpt Group / West Sea ARC	W7ACS	1025 2 14 4,122 SV	
1708 2 57	7,252 WWA	N6FR	
Barnstable ARC	N1CP	1008 2 20 4,118 EMA	
(+K1PBO) 1925 2 20	7,062 EMA	Wilson's Wonders	
Fond du Lac ARC	W9EBV	1046 2 4 4,154 EWA	
1728 2 25	7,026 WI	Xerox ARC	
South Orange ARA	W7JCR	1021 2 10 4,136 WNY	
K6SOA	(+K6WO)	Cape May Cty ARC	
1886 2 52	6,816 ORG	N2CMC	
East Bay ARC & W6BB ARC	W7ACS	(+W2CMC)	
W6CUS	(+W6BB)	1005 2 64 4,124 SNJ	
1738 2 60	6,796 EB	Geezer ARC	
Stonewall Jackson ARA	K8DF	1025 2 14 4,122 SV	
1964 2 21	6,590 WV	N6FR	
Geezer ARC	(+K8TPH)	1008 2 20 4,118 EMA	
1611 2 74	6,580 STX	Shelby ARC / ARES	
W9AZ	(+K5HV)	WA4TV	
(+N9FD)	1502 2 36	890 2 33 2,890 NC	
6,526 IL	7,548 EPA		

Jayhawk ARS	Kings City RC	Ohio Volunteer Corps.	Arrow/UMarc FD Team
WOLB	KC2RC	W8OVC	W8UM
(+KD0GIE)	331	80	(+W8PGW)
545	2	2	2582
18	30	9	2
2,184	1,680	1,230	27
KS	NLI	OH	9,698
CTARC	Portsmouth RC	Christian Cty ARES	MI
WD51YF	N8QA	N9KY	Cuyahoga Falls ARC
436	639	138	2581
2	2	2	2
13	20	13	18
2,174	1,648	1,208	9,440
OK	Boston ARC	Shore Points ARC	OH
Randolph Cty Emergency RC	W1BOS	K2B/W2HWR	North Fulton ARL
K4RAN	353	243	K4JJ
597	2	2	(+NF4GA)
7	15	22	2647
2,168	1,628	1,202	227
AL	Holmesburg ARC	Seaside Tsunami AMS	9,250
Clark Cty ARC	K3FI	WA7VE	GA
W9WWI	386	294	Charleston ARS
530	2	2	W4AUSN
52	15	70	(+NT4HI)
2,158	1,628	1,188	235
IN	Winchester Pioneer ARC	OR	SC
W8LKJY	AC4YD	W7TKO	Humboldt Cty ARES
(+KDBRUQ)	378	303	Las Vegas RAC
466	2	2	(+VABRCC)
32	15	3	2559
2,152	1,606	1,156	55
OH	KY	W9ALQ	Oregon Tualatin Valley ARC
Dayton ARA	Muscatine ARC	K7UGE	W7OTV
W8BI	N2AM	St. Mary's Cty ARA	2269
528	(+K0BDU)	K3NHK	77
2	336	272	Nassau ARC
23	2	2	K2VN
2,140	1,596	1,150	2406
OH	IA	W8SAI	8,568
Mount Diablo Amatuer RC	Columbus ARC	K4LKW	Sussex Cty ARC
W6CX	(+W9SCI)	(+KK4JYA)	W2LV
684	255	78	(+W2FDB)
2	2	5	2168
150	60	1,136	17
2,138	1,590	WCF	8,518
EB	Kent CommSupport Team	LUCE Moose-keepers	NNJ
Southern Berkshire ARC	K7CST	W8BY	Portage Cty AR Serv
W1BAA	(+N7MU)	224	K8BF
(+K1LEE)	309	2	2517
316	2	14	2
28	1,590	1,156	130
2,126	WWA	Manotick ARG	8,392
ENY	Rainbow Canyon ARC	VE3AIR	Sterling Park ARC
Emporia ARS	N7BO	W7OTV	K4NVA
KB0SSR	415	2	(+NOQK)
(+K0ESU)	14	14	2150
525	1,588	1,156	30
2	24	1,136	8,178
2,120	UT	WCF	VA
KS	Englewood ARS	Montachusetts ARA	Arkansas River Valley AR Foundation
Reading RC, Inc.	N4EAR	W1GZ	K5PXP
W3BN	293	156	(+W5QC)
403	2	2	2104
245	17	12	22
2,106	1,576	1,022	8,138
EPA	WCF	WMA	AR
KnightLites QRP Assn	Bedford ARC	N4T	Vienna Wireless Soc
WQ4RP	K5BED	Delaware Valley Ragchew Club	K4XY
426	313	2	(+K4HTA)
2	21	21	1920
7	1,576	1,150	116
2,058	NTX	W3YMW	7,728
NC	Central Toronto ARC	N5THS	VA
High Desert ARC of New Mexico	VA3CTA	58	Contoocook Valley RC
NM5HD	(+VE3FVU)	2	K1BKE
603	333	6	(+K1DFQ)
2	2	994	2320
60	35	AR	50
2,056	ON	Capital City ARS	7,182
NM	Sun City ARC	A3ADC	NH
Portsmouth ARC / ARES	K5WPH	Riviera ARS	Medina 2 Meter Group
W4POX	311	K0XL	W8HN
352	2	20	(+W8EOC)
21	1,562	974	1997
2,030	NM	Woodford Cty ARC	27
VA	Riverside Radio Amateurs	KY4WC	7,084
Wasatch Back Tri-County AR Group	WA8RRA	98	OH
K7GL	328	2	Westchester EmComm Assn
547	2	22	N2SF
17	1,536	946	(+W2UL)
2,012	MI	W0IN	1848
UT	Central Missouri RA	W1OPLA	25
Sullivan ARC	K0SI	WK7I	LARC-FARL
W0T	269	36	234
412	2	20	932
31	1,514	932	ID
1,994	MO	World RC	World
MO	LVSRA	W3WRC	RC
Radio Operadores del Este	K3LV	396	SV
KP3RE	Pierre ARC	Golden Empire ARS	Mid-Del
323	218	1,468	ARC
35	30	W6RHC	W5MWC
1,976	EPA	261	(+KF5JRP)
PR	W0PIR	14	Eastern Connecticut ARA
Misfits	Joplin ARC	Madison Cty DX Club	K1MUJ
NV8E	W0IN	KK0G	1453
560	308	1,486	20
2	11	MO	5,754
1,950	MO	Pisgah Community VFD	CT
OH	West Palm Beach ARC	WB5DO	Dog Howl Contest Group
K4WO	W4HAW	61	AK9D
432	398	1,464	(+WG0TA)
2	25	TN	1568
1,928	SD	W3YMF	2
NC	(+K4WPB)	59	17
Easton ARS	Bay-Net	35	5,610
K3EMD	K6SRA	870	MO
XWARN	395	EWA	Green Mountain Wireless Soc
W8XRN	Wilson City ARC	Mouth Of The Columbia ARC	N1VT
426	198	1,484	(+WA1VT)
2	6	STX	1569
9,194	SF	KF7TCG	22
OH	WC4AR	47	5,428
Cape Ann ARA	W5T	10	VT
W1GLO	397	24	W7PU
207	2	3	882
45	1,468	IA	SV
1,908	EMA	W0IOS	W8SH
Burlington City RC	Northwoods AR Group	3	SV
K2TD	N0I	1,440	W5SH
(+AK2S)	323	STX	1108
349	2	7	2
32	1,874	1,440	11
SNJ	Oak Forest ARC	3	5,168
Hamilton City ARES	W5T	396	NTX
N9EOC	Northwoods AR Group	25	W3ACOM
412	323	1,440	(+KC3HW)
20	2	7	1,434
1,866	MN	72	Thunderbird ARC
IN	West Santa Barbara City ARES	35	WKB7
JCARES	W9EC	878	25
W4DOD	279	870	0,33
457	2	9	870
12	1,432	EWA	AZ
1,862	SB	Mile Highlanders Group	AK9D
TN	North East Georgia ARC/Athens ARC	W4MHG	(+WG0TA)
Cumberland Valley ARC	W4G	113	1568
W3ACH	311	2	2
332	25	7	17
46	1,432	816	5,610
1,856	GA	GA	MO
WPA	San Diego Six Shooters ARC	W9JVI	Green Mountain Wireless Soc
Shelby Cty ARES	K16JNN	13	N1VT
K8ZUK	566	2	(+WA1VT)
419	3	3	1569
16	1,432	710	22
1,850	SDG	AZ	5,428
OH	PJ'S Group/WAFAR	KF7RN	VT
Peace River RA	W9JF	110	SV
W4DUX	389	2	24
388	15	1,428	812
27	IL	102	OH
1,850	WCF	1,416	W8PU
Yolo ARES & Yolo ARS	San Jose Cisco ARC	W6RHC	SV
W6YAR	W6IOS	261	SV
429	210	1,416	W7PU
34	6	SCV	SV
1,848	SV	140	SV
SV	W7GRA	130	SV
Metropolitan ARC	385	3	SV
499	210	1,416	SV
2	1	OR	SV
1,800	TN	W9JVI	SV
TN	Peoria Area ARC	13	SV
Moreno Valley ARA	W9JU	50	SV
AB6PA	N1MV	726	SV
(+KJ6MOB)	267	EMMA	SV
477	2	28	SV
22	1,414	SV	SV
1,794	IL	KF7RNLL	SV
ORG	HAM Assn of Mesquite	110	SV
Princeton Ham RC	WJ5J	3	SV
W4KBL	272	710	SV
313	2	25	SV
32	1,410	SV	SV
1,792	NTX	AD7AW	SV
KY	ARA de Portneuf	75	SV
Central Wisconsin Radio Amateurs @	VE2CSP	2	SV
UWSP	Casper ARC	3	SV
W9JN	W7VNJ	700	SV
466	721	1	SV
2	25	1,400	SV
9	1,790	WY	SV
WI	DeGray ARC	IBM/Lockheed ARC	SV
Reno Cty Kansas ARA	KD5ARC	W4IBM	SV
K8NOW	Riverland ARC	169	SV
460	222	2	SV
8	3	1,394	SV
1,810	AR	Allegan Cty ARC	SV
MI	WR9ARC	AC8RC	SV
W6AK	189	85	SV
335	22	22	SV
2	15	1,358	SV
10	W4XXF	AC0VV	SV
1,810	WI	72	SV
SV	311	14	SV
Northside ARC	3	1,344	SV
K3IR	AA0NC	57	SV
(+N3APD)	(+KD3DGL)	67	SV
286	177	2	SV
2	10	1,344	SV
1,762	MO	Elko ARC	SV
EPA	W7V	245	SV
Skyline ARC	245	2	SV
K2IWR	16	1,340	SV
664	2	16	SV
15	1,340	Norcal ARC	SV
SCARE.	W8CTT	48	SV
KC8BOO	259	2	SV
552	9	1,332	SV
2	12	OH	SV
1,754	OH	TARA Mugwumps	SV
M&M ARC	Austin ARC	AC0VV	SV
W8P1F	W0AZR	57	SV
714	236	14	SV
1	10	1,326	SV
60	1,306	MN	SV
1,740	MI	AD7BF	SV
MI	Porter and LaPorte ARC	61	SV
KZ9B Field Day	W9SAL	2	SV
KZ9B	271	12	SV
463	1,322	IN	SV
2	6	1,322	SV
1,734	WI	Buffalo AR Repeater Assn	SV
RADOPS of El Jebel Shrine	W2EUP	528	SV
K0FEZ	409	15	SV
372	1,316	WNY	SV
2	11	KK6I	SV
1,734	CO	311	SV
CO	311	2	SV
Regina ARA	311	10	SV
VE5NN	311	1,316	SV
386	2	SDG	SV
29	10	1,316	SV
1,732	SK	Brightleaf ARC	SV
McKinney ARC	W4AMC	W4AMC	SV
W5MRC	328	2	SV
277	14	1,306	SV
2	14	NC	SV
69	1,306	1,306	SV
1,732	NTX	Bankhead ARC	SV
Dubois Cty Amateur Radio Group	N4IDX	287	SV
N9NAU	287	2	SV
375	19	1,300	SV
2	15	AL	SV
40	1,300	South Texas ARC	SV
1,730	IN	KF5NQJ	SV
IN	1,300	4A	SV
Schenectady Museum ARA	(+N5CRP)	173	SV
W2IR	173	30	SV
(+KC2UTE)	1,298	1,298	SV
443	2	STX	SV
25	30	1,298	SV
1,728	ENY	3 Rivers ARC	SV
Aux Comm Service	KK3ARC	1,278	SV
K6RCR	214	2	SV
(+AG6MO)	17	1,278	SV
217	2	ID	SV
14	1,278	Desert RATS	SV
1,710	ORG	WD6RAT	SV
North Port ARC	276	18	SV
W4NPT	1,278	Sierra Intermountain Ema RA	SV
315	2	ORG	SV
11	15	W9CV	SV
1,708	WCF	328	SV
Boro of Barrington, NJ OEM	328	2	SV
WA2WUN	17	1,250	SV
369	2	NV	SV
1,698	MS	RCS of Spokane	SV
Tupelo ARC	328	10	SV
K5K	212	26	SV
285	1,248	EW4	SV
7	1,248	Clay City ARC	SV
1,698	MS	W0TE	SV
Northern Lakes ARC	325	21	SV
K0Z	325	1,244	MO
394	2	1,244	MO
25	4	Portland Internet Radio Group	MO
1,682	1,234	N7PIR	MO
MN	4	539	SV
(+KC2UTE)	2	4	9,834
443	1,234	OR	SV
25	4	N7PIR	SV
1,728	ENY	4A	SV
Aux Comm Service	K4BFT	Palo Alto ARA	SV
K6RCR	(+N7KDT)	W6ARA	SV
(+AG6MO)	4297	W7ARA	SV
217	2	(+W6OTX)	SV
14	60	W8VP	SV
1,710	ORG	599 DX Asso	SV
ORG	3715	NA5NN	SV
W4NPT	2	42	SV
315	13,458	K4Y	SV
11	MS	Paleo Alto ARA	SV
1,708	WCF	W6ARA	SV
WCF	4377	W7ARA	SV
315	2	(+VABRCC)	SV
11	15,456	W8JW	SV
1,708	WCF	Huntsville ARC	SV
WCF	75	1,230	SV
315	15,456	K4BFT	SV
11	OH	(+W8PGW)	SV
1,708	WCF	W8OVC	SV
WCF	2	27	SV
315	9,698	W8OVC	SV
11	OH	Christian Cty ARES	SV
1,708	WCF	N9KY	SV
WCF	138	1,230	SV
315	9,698	Christian Cty ARES	SV
11	SV	Shore Points ARC	SV
1,708	WCF	K2B/W2HWR	SV
WCF	243	1,230	SV
315	9,698	Seaside Tsunami AMS	SV
11	SV	WA7VE	SV
1,708	WCF	WA7VE	SV
WCF	294	1,230	SV
315	9,698	WA7VE	SV
11	SV	Ohio Volunteer Corps.	SV
1,708	WCF	W8OVC	SV
WCF	80	1,230	SV
315	9,698	W8OVC	SV
11	SV	Christian Cty ARES	SV
1,708	WCF	N9KY	SV
WCF	138	1,230	SV
315	9,698	Christian Cty ARES	SV
11	SV	Shore Points ARC	SV
1,708	WCF	K2B/W2HWR	SV
WCF	243	1,230	SV
315	9,698	Seaside Tsunami AMS	SV
11	SV	WA7VE	SV
1,708	WCF	WA7VE	SV
WCF	294	1,230	SV
315	9,698	WA7VE	SV
11	SV	Ohio Volunteer Corps.	SV
1,708	WCF	W8OVC	SV
WCF	80	1,230	SV
315	9		

Lockheed Martin ARC  
 W5IJU 753 2 32 3,816 NTX  
 T-CEP Disaster Radio Team  
 K6TI (+W6TOP) 797 2 45 3,788 LAX  
 ARC of National Electronics Museum  
 K3NEM (+W3GR) 921 2 15 3,742 MDC  
 Corona PD CSV Team  
 W6CDP (+AE6ED) 839 2 16 3,734 ORG  
 Granite State ARA  
 N1QC (+KB1NH) 832 2 27 3,708 NH  
 Long Island Mobile ARC  
 W2VL (+WV2LI) 783 2 120 3,666 NLI  
 Catalina RC & Rad Soc of Tucson  
 W7SA (+AD7RZ) 686 2 60 3,548 AZ  
 South Bay ARA  
 KU6S (+AG6HJ) 1991 1 33 3,525 EB  
 Cherryville Repeater Assn  
 W2CRA 766 2 28 3,518 NNJ  
 3730 GROUP  
 VE3ORF 963 2 15 3,500 ON  
 Fort Myers ARC  
 W4LX (+W4DHT) 807 2 20 3,480 SFL  
 Pasadena RC  
 W6KA 784 2 34 3,478 LAX  
 Wheaton Community Radio Amateurs  
 W9CCU 799 2 30 3,474 IL  
 St Croix ARC  
 WW1IE (+K1BSA) 664 2 25 3,420 ME  
 Radio Amateurs of Greater Syracuse  
 W2AE 729 2 32 3,400 WNY  
 Maryland Mobilers ARC  
 W3CU 648 2 25 3,324 MDC  
 Meeker City ARC  
 K0MCR (+AE0GD) 901 2 17 3,294 MN  
 WD2K (+K2RW) 589 2 35 3,208 ENY  
 MTARS  
 W4UOT 763 2 32 3,190 TN  
 Wireless Assn of South Hills  
 N3SH 720 2 15 3,180 WPA  
 PLANO ARC  
 K5PRK 781 2 25 3,154 NTX  
 Southern PA Comm Group  
 K3AE 781 2 33 3,062 EPA  
 National Trail ARC  
 K9UXZ 918 2 14 3,046 IL  
 North Kitsap ARC  
 KC7Z (+KF7GWG) 592 2 48 3,024 WWA  
 Two Rovers ARC  
 W3OC (+KB3YRW) 844 2 24 3,004 WPA  
 Carroll City AC  
 K3PZN 669 2 10 2,898 MDC  
 Copper Country Radio Amateur Assn  
 W8CDZ (+KC8RGO) 609 2 11 2,824 MI  
 VE7VCC 551 2 14 2,794 BC  
 Calvert ARA  
 K3CAL 598 2 15 2,786 MDC  
 Queen Anne's ARC  
 K3PG (+K3LMR) 469 2 21 2,698 MDC  
 North Ottawa ARC  
 W8CSO (+KC8UNY) 384 2 12 2,646 MI  
 Maple Ridge ARC  
 VE7CMR (+VE7CML) 612 2 12 2,636 BC  
 North Bary ARA  
 K6LI (+KOGB) 502 2 15 2,634 EB  
 Sierra Foothills ARC  
 W6EK (+N6BRP) 535 2 24 2,626 SV  
 San Francisco ARC  
 W6PW 609 2 17 2,504 SF  
 Orange Park ARC  
 K4BT (+KB4SA) 645 2 45 2,476 NFL  
 Silvercreek ARA  
 W8WKY 704 2 8 2,396 OH  
 Anoka City RC  
 W0YFZ (+AE0AL) 547 2 25 2,360 MN  
 San Antonio RC  
 W5SC (+W0YYV) 595 2 21 2,328 STX  
 West Chester ARA  
 WC8VOA 922 1 20 2,302 OH  
 Wichita ARA  
 N5WF 413 2 54 2,248 NTX  
 Pilot Knob ARC  
 KS0LV 403 2 8 2,236 KS  
 W6SCE (+WB6UCD) 436 2 10 2,232 LAX  
 Lincoln City ARA  
 W4BV 650 2 18 2,198 TN

San Angelo ARC  
 W5QX (+KD5URW) 334 2 44 2,184 WTX  
 Humboldt ARC  
 NU6O (+W6ZZK) 536 2 50 2,158 SF  
 Coos Cty RC  
 K7CCH 946 1 30 2,152 OR  
 Genesis ARS  
 N1ZIZ (+KB1EVY) 205 2 30 2,130 EMA  
 Snohomish Cty Hams Club  
 WA7LW (+KD7EJI) 499 2 24 2,080 WWA  
 Sun Country ARS  
 W4CW 376 2 8 2,072 NFL  
 Western Lake Cty ARS  
 W9WLC 526 2 10 2,058 IL  
 Troy Amateur RA  
 N2TY 443 2 40 2,056 ENY  
 Island Cty ARC  
 W7AVM (+KG6ZY) 419 2 38 1,964 WWA  
 RAS of Norfolk  
 W4NPS (+W4ORF) 379 2 15 1,962 VA  
 Radio Assn of Erie  
 W3GV 728 2 21 1,958 WPA  
 KA3PMW 619 2 4 1,946 WPA  
 Freescale ARS  
 AC7U 511 2 7 1,944 AZ  
 Wisconsin Valley RA  
 W9NA 320 2 13 1,928 WI  
 Cleveland ARC  
 W4GZX 285 2 102 1,900 TN  
 Northern Ohio ARS  
 K8KRG 501 2 42 1,892 OH  
 Murray Cty ARC  
 KD0XB 506 2 10 1,862 MN  
 Salkehatchie ARS  
 KK4BQ 290 2 62 1,838 SC  
 Lewis-Clark ARC  
 W7VJD (+KD5ALU) 227 2 32 1,826 ID  
 Radio Amateur Club of Knoxville  
 W4BBB 320 2 32 1,794 TN  
 Yellowstone RC  
 K7EFA (+WN7Y) 269 2 25 1,770 MT  
 Honeywell-Glendale ARC  
 K7HON (+KC9TKC) 514 2 8 1,758 AZ  
 MiamiShore Wireless Assn  
 WA8PLZ 454 2 20 1,754 OH  
 Southern Michigan ARS  
 W8DF 448 2 31 1,748 MI  
 Detroit Lakes ARC  
 W0EMZ 326 2 18 1,736 MN  
 Sask Alta RC  
 VE6WP 541 2 10 1,730 AB  
 Skyview ARS — Field Site  
 WX3SKY (+NU3Q) 279 2 19 1,706 WPA  
 Chelsea ARC  
 WD8IEL 228 2 12 1,682 MI  
 Green Bay Mike & Key Club  
 K9EAM 411 2 17 1,676 WI  
 Navarre CERT ARC  
 KC4ERT 219 2 12 1,670 NFL  
 Aroostook ARA  
 K1FS 370 2 44 1,668 ME  
 Huntington Beach RACES  
 W6O 331 2 26 1,668 ORG  
 Borderline ARC  
 W7BAR (+WX7L) 318 2 30 1,652 UT  
 Puerto Rico Radio Ops  
 NP3PR 384 2 7 1,632 PR  
 Dekalb/Cannon ARC  
 AB4ZB 255 2 4 1,626 TN  
 Sylvan Spring ARC  
 KJ4SWD 268 2 26 1,612 AL  
 Land of Lakes ARC  
 K9HD 330 2 10 1,590 IN  
 Radio Amateurs of the Gorge  
 W7RAG 77 2 54 1,546 OR  
 Kochina ARC  
 W7EH 245 2 31 1,542 AZ  
 Hoosier Hills Ham Club  
 W9GUS 166 2 21 1,538 IN  
 Hillbilly Hams  
 AB2JT 529 2 4 1,508 WNY  
 Suffolk Cty RC  
 W2DQ 261 2 28 1,500 NLI  
 NBC Burbank ARC  
 N2EW 314 2 4 1,488 LAX  
 Mohave ARC  
 K7MPR 436 2 20 1,470 AZ  
 Shiawassee ARA  
 W8QQQ 304 2 8 1,458 MI  
 Fulton Cty ARC  
 K9ILS 296 2 36 1,422 IL  
 W7EI 245 2 33 1,340 AZ  
 Blacksburg ARS  
 WQ3C 413 2 13 1,332 VA  
 Southwest Missouri ARC  
 W0EBE (+AC0SR) 223 2 50 1,298 MO  
 Yuma DX Assn  
 N7YDX 158 2 63 1,296 AZ

Baytown ARC  
 K5BAY 231 2 15 1,292 STX  
 LARA  
 W2RUI 110 2 24 1,286 WNY  
 Ozark Mountain ARC  
 KD0HAV 195 2 4 1,240 MO  
 Nortown ARC  
 VE3NAR 590 2 8 1,230 ON  
 Somerset Cty ARC  
 K3SMT 339 2 20 1,230 WPA  
 Calhoun Cty ARA  
 WB4GNA 66 2 55 1,120 AL  
 Bates Cty ARC  
 KDOKDJ 157 2 10 1,114 MO  
 NS8P 304 2 7 1,098 OH  
 Yellow Thunder ARC  
 WB9FDZ 242 2 10 1,034 WI  
 Sky Valley RC  
 W7SKY 129 2 12 958 WWA  
 Pioneer Radio Operators Society  
 K2PRO 57 2 7 814 WNY  
 Grundy City ARC  
 KB9SZK 200 2 9 650 IL  
 Headwaters ARC  
 N3PC 247 2 12 644 WPA  
 Cherokee Cty ARC  
 K5JVL 70 2 10 398 NTX  
**5A**  
 Loudoun AR Group  
 K4LRG (+KE4OKY) 4453 2 35 15,916 VA  
 Port City ARC  
 K1T (+W1WQM) 4467 2 25 14,078 NH  
 Palomar ARC  
 W6NWG (+WD6FWE) 3288 2 71 12,082 SDG  
 BOARS RC  
 NG5A (+AD5NR) 2753 2 23 10,832 NTX  
 Lake Cty ARA  
 N8BC 2866 2 25 9,822 OH  
 Columbus ARC & Russell Co. RC  
 W4CVY (+W4CHS) 2208 2 66 9,648 GA  
 Brazos Valley ARC  
 KK5W (+NT5SM) 1982 2 60 8,342 STX  
 Cuyahoga ARS  
 W8BM 2257 2 28 7,960 OH  
 Orange Cty ARC  
 W6ZE (+W6BAC) 2264 2 26 7,684 ORG  
 Hazel Park ARC  
 W8HP (+W8JXU) 1982 2 29 7,028 MI  
 Smoky Mountain ARC  
 W4OLB 1527 2 24 6,452 TN  
 Saint Petersburg ARC  
 W4TA (+W4GAC) 1458 2 69 6,040 WCF  
 Franklin City ARC  
 W4FCR (+KE4JVF) 1135 2 14 5,696 VA  
 York Region ARC  
 VE3YRA (+VE3YRK) 1273 2 78 5,232 ON  
 Greater Beloit Area RC  
 W9PN 1251 2 15 5,150 WI  
 Western Carolina ARS  
 W4MOE (+N4ANE) 975 2 20 4,940 NC  
 Lincoln ARC  
 K0KKV (+KC0WWR) 1477 2 35 4,812 NE  
 DLARC  
 W3OK 1170 2 60 4,580 EPA  
 Andrew Johnson ARC  
 W4WC 1012 2 30 4,564 TN  
 Bellevue ARC  
 W0WVY (+WB0CAP) 1262 2 40 4,376 NE  
 RF Hill ARC  
 W3AI 1010 2 20 4,286 EPA  
 SPRARC / BRC  
 VE3OW 1585 2 30 4,286 ON  
 Cambridge ARC  
 VE3SWA 950 2 5 4,242 ON  
 W6TOI 1553 2 32 4,218 LAX  
 Columbia-Montour ARC  
 WC3A (+K3BBD) 830 2 20 4,070 EPA  
 LaGrange ARC  
 AB4KE (+AD4GS) 939 2 50 4,030 GA  
 Intercity ARC  
 W8WE (+WBWER) 939 2 12 4,024 OH  
 Schenectady ARA  
 K2AE (+W2UI) 727 2 30 3,822 ENY  
 South Pickering ARC  
 VE3SPC 940 2 15 3,792 ON  
 Garrett City ARES  
 K3EE 801 2 16 3,790 MDC  
 Highlands Cty ARC  
 K4W (+W4CBS) 825 2 20 3,708 WCF  
 Sequoia AR Group

N6KRV	184	2	6	1,260	SJV	Fulton Cty ARC	Maker Faire Field Day	Flying Pigs QRP Int — North Cent Tennessee
Ham Friends of Redlands						K8BXQ (+KD8JBS)	K0C	WA4PIG
WB6WB	56	2	21	1,182	ORG	697	593	156
Jonestown Mtn Repeater Assn						ARA of Long Beach	2	156
N3CSE	192	2	14	1,174	EPA	W6RO	134	5
Radio Amateurs of Corry						Lakeside ARC	3,304	1,610
W3YXE	151	2	15	1,152	WPA	K6SEE	MO	TN
Inland ARS						Central NH ARC		Pennsylvania Knights
K6DXN	175	2	8	1,000	LAX	W1JY	816	KA2QPG
K6OX	226	2	11	942	LAX	Bear Bait RC	2	145
<b>6A</b>						KC2ZZO	726	NP2CB Field Day Group
Albuquerque DX Assn						CCDX ARC	2	92
WSUR						AD1T	15	NP2CB
(+K5HAB)	6026	2	26	20,654	NM	(+W1WWW)	30	Pinyon Mesa Operators
Mike & Key ARC						738	2,946	K0G
K7LED						Peak RA	16	107
(+AE7G)	5363	2	73	16,720	WWA	W7PRA	2,628	QRPs
WY7FD						Warrensburg Area ARC, Inc.	12	Cheeseheads ARC
(+WY7SS)	4648	2	19	15,548	WY	W0AU	2,626	North
South Jersey RA						Barrow ARC	10	Georgia VHF Society
K2AA						WR4BC	2,626	K4NGA
(+W2EA)	4135	2	42	13,318	SNJ	(+W4WYI)	26	Marconi RC of Newfoundland Signal Hill
Central Kentucky ARS						448	3,232	1,075
AA4NJ	3472	2	21	10,496	KY	RASON	GA	QC
W7DK						N1NW	CT	1,125
(+W7OS)	2429	2	90	9,142	WWA	KJ4YEN	39	North Georgia VHF Society
Fort Wayne RC						W5ELK	2,278	K4NGA
W9TE						Elks Lodge ARC #1004	NC	Marconi RC of Newfoundland Signal Hill
(+KM9DON)	2486	2	57	7,754	IN	414	12	1,030
Lake Monroe ARS						International Brotherhood of Radio	2,100	RC
N4EH						Operators	AR	1,030
(+KJ4ZPH)	2256	2	95	7,438	NFL	KD8KNX	1,862	WY
K3PT						301	OH	1,030
(+W3HZW)	2199	2	36	7,280	DE	Keuka Lake ARA		WY
Warrminster ARC						AE1PT	30	North Georgia VHF Society
K3DN	1800	2	35	6,154	EPA	Kent ARA		K4NGA
Fox River Radio League						K3ARS	18	Marconi RC of Newfoundland Signal Hill
W9NE						Ripley Cty ARC	1,736	1,030
(+W9CEQ)	1573	2	55	5,666	IL	KK9RC	MDC	RC
W5ANR	1141	2	20	5,494	AR	(+KC9VZC)	114	1,030
DuPage ARC						Sierra ARC of the High Desert	12	1,030
W9DUP	1340	2	55	5,206	IL	N6N	1,518	WY
Northern Berkshire ARC						St Joseph Cty ARES	22	North Georgia VHF Society
N1WM						WG8V	1,286	K4NGA
(+KB1DMR)	1045	2	26	4,912	WMA	<b>7A</b>	MI	1,030
Holland ARC						Lake ARA		WY
K8DAA	1206	2	12	4,768	MI	K4FC		North Georgia VHF Society
20/9 RC Inc						(+KT4Q)	446	K4FC
K8TKA	1085	2	59	4,544	OH	5446	2	8041
Sierra Nevada ARS						Big Bear ARC	40	26,342
W7TA	924	2	45	4,468	NV	K6BB	17,042	IL
Turlock ARC						W6TRW	NFL	Gloucester Cty ARC
W6BXN						(+K6OUE)	2538	W2MM
(+AA6D)	1217	2	28	4,182	SJV	2	39	12,746
Salem ARC						W1BIM	31	SNJ
W7SAA	1077	2	20	4,174	OR	Kendall ARA	5,984	WMA
Kitchener Waterloo ARC						KB5TX	18	WMA
VC390IC						1252	5,204	STX
(+CK3IC)	1116	2	29	3,954	ON	Greater Wichita Field Day		VE3VM
Orlando ARC						N0W		(+VA3NRS)
K1AA						(+K0W)	1197	1,863
(+W1SE)	851	2	15	3,868	NFL	2	50	40
Antietam RA						W3VPR	5,096	ON
W3CWC	722	2	39	3,744	MDC	(+K13DS)	925	Central Mass ARA
K9BAR	962	2	31	3,636	IL	Calaveras ARA	38	Mass ARA
Whitman ARC, Inc.						N6FRG	19	W1BIM
W1N	1113	2	45	3,572	EMA	Alexandria RC		1537
North Shore ARC						W4FH	27	31
VE3NSR	700	2	20	3,556	ON	Marple Newtown ARC & Mobile Sixers RC		5,984



Ross, KR4USA, and his daughter Hope, a "radio princess," look for some magic on the "Magic Band" of 6 meters at K4PJ, the Oak Ridge (TN) ARC Field Day. [Photo courtesy Charlie Hargis, K4PJ]

K6MI	861	5	6	9,720	SCV	Fresno QCWA chapter	213	N6GA
W6GV	667	5	5	7,220	SJV	W6GV	145	1079
New England Radio Discussion Soc						New England Radio Discussion Soc	145	5
K1R	433	5	12	4,945	ME	K1R	15	8
Los Chupacabrerros						Los Chupacabrerros	15	9,995
K5AXW	369	5	5	2,695	STX	K5AXW	15	LAX
Texas Sparks						Texas Sparks	15	19,970
A5ATB	230	5	5	2,555	NTX	A5ATB	15	1,580
Burlington ARC						Burlington ARC	10	WPA
VE3CJ	212	5	10	2,225	ON	VE3CJ	17	4,440
Hawatha ARC						Hawatha ARC	22	McMinnville ARC / YCARES
K0JKS	211	5	25	2,055	KS	K0JKS	25	3,895
N0SFF	219	5	11	1,810	IA	N0SFF	5	STX
<b>5A Battery</b>						K7SI	8	1,970
South Park Marauders						Lodi ARC	1,240	ID
WV0H	469	5	20	5,165	CO	WV0H	30	1,895

<b>6A Battery</b>	Coyote ARC	Volusia ARES	N3ZP	185	5	1	1,885	EPA									
Durham Region QRP Club	KS5TX	KV4EOC	W3WT	148	5	1	1,830	EPA									
VE3QDR	374	5	KI0II	134	5	1	1,690	NE									
David Sarnoff ARC	6	4,095	Black Diamond ARC	104	5	1	1,490	STX									
N2RE	254	55	WV8BD	460	2	28	1,090	WV									
<b>9A Battery</b>	Rifles and Radios	W9RAR	KB5FIO	150	5	1	1,335	SCV									
Orange Cty RA / Durham FM Assn	94	2	K6GCN	120	5	1	1,300	AZ									
W4EZ	1796	5	W7BV	103	5	1	1,280	SC									
W4EZ	50	17,385	AB4FH	243	5	1	1,265	OK									
<b>10A Battery</b>	Splinterrock ARA	N5M	W1JCW	100	5	1	1,250	OH									
West Valley ARA	K2RF	387	NK8I	108	5	1	1,225	WMA									
K6EI	1786	2	W1XH	107	5	1	1,220	IL									
(+W6ZZZ)	25	25,405	K9SIU	95	5	1	1,200	NFL									
<b>15A Battery</b>	Zamora Shrine RC	W7EK	K9IA	82	5	1	1,170	WI									
USECA ARC	W4ZHR	553	KA9VHG	101	5	1	1,160	IN									
K8UO	(+K4HAL)	2	WA9PYH	90	5	1	1,150	WNY									
(+KD8JFF)	1538	5	N2DM	104	5	1	1,100	STX									
Conejo Valley ARC	150	15,020	WB3CEG	85	5	1	1,090	LAX									
AA6CV	1273	5	WO6M	100	5	1	1,050	SV									
<b>1A Commercial</b>	W4UA	553	K5CAO	79	5	1	1,040	WWA									
Pathfinders ARC	673	2	N0FCD	1,134	NM	75	5	1									
VA4PAR	24	10	WA9Z	1,134	NM	76	5	1									
Callaway ARL	2,278	MB	KK4QG	1,134	NM	76	5	1									
KS0B	687	2	(+W4PSZ)	1,134	NM	81	5	1									
Cavalla Historical ARS	12	2,024	AB9CA	1,134	NM	81	5	1									
N5BPS	628	2	K10E	1,134	NM	82	5	1									
AuSable Wireless Club	4	1,636	W9KHH	1,134	NM	89	5	1									
N8KV	457	2	3	1,134	NM	93	5	1									
Waupaca Cty ARES	1,558	MI	K8ER	1,134	NM	93	5	1									
W9WAP	351	2	K3WGR	1,134	NM	95	5	1									
W2NRC	8	1,404	N0FCD	1,134	NM	1,100	WNY										
450' Antenna Group	75	2	Fayette Cty ARC	1,134	NM	1,100	EB										
KG4CDI	149	2	WA9Z	1,134	NM	1,100	WWA										
Tri-County D-Star	7	448	KK4QG	1,134	NM	1,100	ENY										
N8NOE	153	2	(+W4PSZ)	1,134	NM	1,100	ENY										
Tyndall family ARC	3	356	AB9CA	1,134	NM	1,100	ENY										
W4TFR	69	2	K10E	1,134	NM	1,100	ENY										
Sudbury ARC	3	346	W9KHH	1,134	NM	1,100	ENY										
VE3AR	55	2	7	1,134	NM	1,100	ENY										
BSA Venturing Crew #80	260	ON	K8ER	1,134	NM	1,100	ENY										
W3BSA	17	2	K3WGR	1,134	NM	1,100	ENY										
WB4JFA	5	224	N0FCD	1,134	NM	1,100	ENY										
Hawkins Cty ARES	130	SFL	Fayette Cty ARC	1,134	NM	1,100	ENY										
KM4XE	27	2	7	1,134	NM	1,100	ENY										
UN Global Service Centre ARC	104	TN	WA9Z	1,134	NM	1,100	ENY										
4U1GSC	35	1	KK4QG	1,134	NM	1,100	ENY										
<b>2A Commercial</b>	<b>Radio Central ARC / Order of Boiled Owls of NY</b>	<b>K0QOD</b>	<b>(+W6ZPC)</b>	<b>1,134</b>	<b>NM</b>	<b>1,100</b>	<b>ENY</b>										
W2RC	(+KW2O)	2336	2	21	7,684	NLI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
West Texas Consortium	K5M	1123	2	3	4,002	WTX	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
K-State Alumni Radio Team	1165	2	3	3,820	MO	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY						
Macon Cty ARC	NOPR	(+AB0C)	838	2	15	3,664	MO	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Franklin Cty ARC	VA3AAR	422	2	11	1,146	ON	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
WE4A	Skyline Tower ARC	A5F5DM	64	2	1	306	NTX	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+W3MSG)	751	2	24	2,950	NC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY						
Quad Cty ARC	VA3AAR	183	2	7	1,320	MO	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
N3QC	Hillsdale Cty ARC	187	2	13	1,144	OR	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
(+K3HWJ)	811	2	26	2,550	WPA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY						
Kootenai ARS	AB9HRC	236	2	36	1,264	MI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
K7ID	AB8V	218	2	4	930	MI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
Nassau Cty Police ARC	AB8V	218	2	4	930	MI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
NC2PD	Bosque Cty ARC	W5BCR	162	2	30	824	NTX	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
K8OCB	W5BCR	136	2	10	722	NC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
Columbia Cty ARC	W4FAR	136	2	10	722	NC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
K4KNS	Thomaston ARC	W4OH	45	2	1	240	OR	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+WE4GW)	297	2	7	704	GA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY						
Southern Illinois University ARC	VA3AAR	38	2	1	226	WNY	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
W9UIH	Red River Valley ARC	KC2RXS	17	2	1	218	ENY	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
AK4I	WB5RDD	64	2	29	630	NTX	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
Canadian Lakes ARC	K0DCA	187	2	13	624	MO	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
K8PAO	Chautauqua AR Serv	KE7NO	92	2	1	442	MT	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W8JXN	KC2YHE	147	2	15	554	WNY	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
(+K3HWJ)	VE6MRF	50	1	10	532	AB	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
K7ID	Southeast Louisiana Amateur Club	N8HOB	9	2	1	186	OK	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Nassau Cty Police ARC	WB5NET	K2EV	39	2	1	178	NLI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W4NGT	North Georgia Tri-State ARC	AB8XX	10	2	1	170	OH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W4NGT	Georgian Bay ARC	AG3BI	7	2	1	164	MDC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Columbia Cty ARC	VE3OSR	WA7TPB	118	2	12	436	GA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
K4KNS	VE3OSR	K8HUG	238	1	12	413	ON	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+WE4GW)	ARES	AC2HJ	43	2	1	236	VA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Southern Illinois University ARC	(Webster Co. Missouri)	KC2RXS	38	2	1	226	WNY	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W9UIH	K0QOD	AF5BZ	33	2	1	216	WCF	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
AK4I	K0QOD	K5NLX	14	2	1	206	AR	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Canadian Lakes ARC	KC2YHE	KE3FL	10	2	1	200	MDC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W8JXN	VE6MRF	N7TOX	21	2	1	192	UT	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+W6RCA)	K7ID	N8HOB	9	2	1	186	OK	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Mora Open Rep Assn	W5NET	K2EV	39	2	1	178	NLI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
KD0CI	North Georgia Tri-State ARC	AB8XX	10	2	1	170	OH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Community Service RC	W4NGT	AG3BI	7	2	1	164	MDC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W0CSR	Black River Amateur RC	WA7TPB	118	2	12	436	GA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
K3IVO	K8BRC	N8TO	519	2	19	1,672	MI	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Charles Cty ARC	N4IQ	AA4GA	824	1	4	1,358	SC	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
K3SMD	W4NGT	AA5CK	272	5	1	3,070	VA	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Chickasaw AR	Tri Cty Hams	NR8Z	235	5	1	2,800	OH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W5K	KC9OLF	AC7A	267	5	1	2,780	AZ	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+W5GWD)	K9LNX	W8RTJ	269	5	1	2,740	OH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Grummman ARC	KD2JC	K24	5	1	2,690	NNJ	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY					
WA2LQQ	W4M	N8TD	204	5	1	2,290	OH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
W3ALR	Hay Bay ARC	K5SI	217	5	1	2,270	STX	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
KD6HWI	VE3FRG	WU0L	180	5	1	2,150	SD	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
(+KD6HWI)	W3ZIC	K0CEA	178	5	1	2,030	MO	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Arlington ARC	W4WVP	K8ZT	177	5	1	1,985	WV	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Illinois Valley RA	K9AVE	K1PDY	162	5	1	1,970	NH	K0QOD	(+W6ZPC)	1,134	NM	1,100	ENY				
Pikes Cty ARC	67	2	7	328	IL	K7VBY	5	2	1	64	OR	K7VBY	5	2	1	64	OR
W9UL	104	2	6	304	IN												
Brooksy Radio Amateur Group	W1BBV	21	2	6	242	EMA											



Larry, WA5TVO, enjoying his 1B solar-powered operation from Lake Miramar in San Diego, CA.  
[Photo courtesy Larry Sweet, WA5TVO]

W8AWE	399	2	2	1,470	MI	WA4ZKO (+KI4WEF)	1	5	2	215	KY	AA1PR	4	2	1	108	VT	KJ4IWZ	188	2	1	802	TN
K7AUO	409	2	2	1,202	WWA	KE7WHC	2	5	2	160	AZ	WL7OU	24	2	1	98	STX	K6LRN	183	2	1	782	SV
NX0P	512	2	2	1,174	MN						W8TLS	18	2	1	86	OH	W7GVE	386	2	1	772	AZ	
KX4O	238	2	2	1,160	VA											K5SS	180	2	1	770	NTX		
K6SB/7 (W6GL)	245	2	2	1,114	AZ	K3ZZ	940	5	2	7,470	MDC	KW9A	47	2	2	344	IL	KM0H	355	2	1	760	MN
NR7E	315	2	2	880	UT	NY4G	273	5	2	3,015	SC	PJ2OF	7	2	2	84	DX	W6FAA	703	1	1	753	LAX
WA6RC	98	2	2	848	LAX	W6JFE										KD2HE/VE3	186	2	1	744	ON		
N4C	120	2	2	690	NC	(+K6RHB)	180	5	2	1,400	SB					K0LWV	173	2	1	742	MO		
VE3EEE	105	2	2	656	ON	W1IE	142	5	2	1,090	VA					KC3Q	173	2	1	742	EPA		
N7VZU	230	2	2	610	EWA	KJ6TUE	52	5	2	610	ORG					WO2N	173	2	1	742	NLI		
K0NKR	203	2	2	556	CO	VE3DTI	27	5	2	385	ON					VE3XAT	172	2	1	736	ON		
AE7HS	139	2	2	528	ID											N3GGT	167	2	1	718	EPA		
KC8MLB	7	2	2	464	NFL											K7RL	334	1	1	717	WVA		
N6IV	117	2	2	396	SJV	<b>2B-2 Op Battery</b>										W8ICN	166	2	1	714	MI		
NR5ON	30	2	2	390	NM	VE3RCN										KM2T	166	2	1	714	SNJ		
K4PMT	75	2	2	388	NFL	(+VE3WIZ)	275	2	2	960	ON					AA5VU	164	2	1	706	STX		
KE9SA	92	2	2	374	WI	W5RMB	432	2	2	914	AL					WA2JQK	265	2	1	706	ENY		
W3GS	101	2	2	366	EPA	K5PA	123	2	2	322	STX					WT7B	325	2	2	700	ID		
WR6E	45	1	2	295	SCV	KD5BBR	114	2	2	278	OK					KA2FHN	177	2	1	678	WNY		
KA1YDI	37	2	2	270	VA	KE8E	107	2	2	264	OH					AA8R	157	2	1	678	MI		
W7JT	56	2	2	262	NTX	W9DK	21	2	2	192	WI					W6ABR	156	2	1	624	NTX		
WA0KRL	67	2	2	234	MN	KK4DDF	64	2	2	178	VA					VY2DM	155	2	1	620	MAR		
NZ5G	39	2	2	228	STX											W8PNA	154	2	1	616	MI		
<b>2B-2 Op</b>						<b>1B-2 Op</b>										K5BZH	132	2	1	578	WTX		
KW8N	2931	2	2	9,926	OH	VE3RCN										K2CYE	134	2	1	574	ENY		
K7EUG (+W2VJN)	795	2	2	2,680	OR	(+VE3WIZ)	275	2	2	960	ON					WB9GHD	105	2	1	570	SDG		
NOUY	437	2	2	1,858	MN	W5RMB	432	2	2	914	AL					NB7N	164	2	1	564	WVA		
W3SW	600	2	2	1,806	WNY	K5PA	123	2	2	322	STX					N9JWR	186	2	3	562	IN		
KG5E	426	2	2	1,782	NTX	K2NIV/VE3	244	2	1	1,026	ON					K6DFW	259	2	1	564	WVA		
AK7AT	253	2	2	1,242	ID	W9XS	151	2	1	854	IL					WA8FRE	512	1	1	562	MI		
AD6Q	64	2	2	778	NC	N7DLV	225	2	1	800	EWA					W1WIU	177	2	1	512	RI		
AE6FD	210	2	2	770	SJV	WU3U	157	2	1	772	EPA					W9OA	128	2	1	512	IL		
KD8PZD	294	2	2	638	OH	KD9KC	104	5	1	770	WTX					WK0X	125	2	4	512	MN		
N7K	13	2	2	576	ID	W4BAB	126	2	2	754	GA					N6NC	247	1	1	494	SDG		
W3ZYF (+KB3YRX)	143	2	2	486	WPA	K5TDA	148	2	2	742	WTX					W4KHI	167	2	1	484	NFL		
K0YBV	14	2	2	380	KS	W7CGA	118	2	1	722	MT					WX9DX	475	1	6	475	IL		
<b>Class C — Mobile Stations</b>						<b>1C</b>										WB9ICL	106	2	1	474	IN		
KW8N	2931	2	2	9,926	OH	K4MTI	710	2	1	2,940	NFL					KC2MBV	126	2	1	456	NLI		
K7EUG (+W2VJN)	795	2	2	2,680	OR	K7VQ	665	2	1	1,580	WWA					K8CPA	101	2	1	454	MI		
NOUY	437	2	2	1,858	MN	K1GGI	322	2	1	1,438	EMA					W6AWB	202	2	1	454	ORG		
W3SW	600	2	2	1,806	WNY	WA7ZZB	284	2	1	1,146	WVA					AA6SS	100	2	1	450	ORG		
KG5E	426	2	2	1,782	NTX	K2NIV/VE3	244	2	1	1,026	ON					N6RY	197	2	1	444	SDG		
AK7AT	253	2	2	1,242	ID	W9XS	151	2	1	854	IL					NA5TX	1201	2	3	4,026	STX		
AD6Q	64	2	2	778	NC	N7DLV	225	2	1	800	EWA					AA2BJ	879	2	2	3,240	EPA		
AE6FD	210	2	2	770	SJV	WU3U	157	2	1	772	EPA					W4ARM	385	2	1	1,616	MAR		
KD8PZD	294	2	2	638	OH	KD9KC	104	5	1	770	WTX					AC0BH	355	2	1	1,470	MO		
N7K	13	2	2	576	ID	W4BAB	126	2	2	754	GA					WA0BJR	388	2	5	1,406	MO		
W3ZYF (+KB3YRX)	143	2	2	486	WPA	K5TDA	148	2	2	742	WTX					W6CT	69	2	1	426	SCV		
K0YBV	14	2	2	380	KS	W7CGA	118	2	1	722	MT					W6AEA	1141	1	1	2,332	EWA		
<b>1B-2 Op Battery</b>						K7UQH	131	2	1	624	WVA					VE1RGB	560	2	1	2,290	MAR		
KE8M	648	5	2	6,530	OH	K4PQ	55	2	1	480	GA					VA7ST	531	2	1	2,274	BC		
VA3DF	670	5	2	6,360	ON	KB1CTC	22	2	1	412	CT					K9UQN	546	2	1	2,196	TN		
N3CU	517	5	2	5,345	WNY	NE9T	67	2	1	318	IN					N2RI	480	2	1	2,070	NLI		
K1DFT (+KA1RM)	401	5	2	4,110	ME	K6BBQ	27	2	1	304	SF					W9AV	537	2	1	1,880	WI		
VA3YV	438	5	2	3,805	ON	AG1YK	54	2	1	258	CT					W6SX	1046	1	1	1,867	SJV		
K2WNY	294	5	2	3,590	WNY	AB0YM	50	2	1	250	CO					K0UJK	286	2	1	1,712	WY		
K7PJT						W1RO	47	2	1	234	SDG					W4SUN	312	2	1	1,636	CT		
(+K7CVU)	336	5	2	3,560	OR	NQ7R	45	2	1	230	WTX					KA8HOK	523	1	1	1,636	WCF		
W6LPW	273	5	2	2,660	SCV	WA4CHJ	29	2	1	208	VA					KE1AF	589	2	1	1,246	RI		
N4RE	236	5	2	2,610	NC	W6VCE	40	2	2	202	SDG					W4ZPQ	266	2	1	1,114	AZ		
NG0R	101	5	2	1,380	MN	N3TG	26	2	1	202	VA					WB3ESR	259	2	1	1,066	EPA		
W0AZ						KC0JQO	20	2	1	190	MN					W7QX	319	2	1	1,060	NC		
(+W9KV)	95	5	2	1,150	CO	K9JK	15	2	1	184	IL					W2JD	507	1	1	1,038	SJV		
W10S						KA3KSP	38	2	1	176	WPA					K8BZ	776	1	1	931	MI		
(+KD0ARC)	56	5	2	760	MN	W3WL	11	2	1	172	GA					N8XJ	262	2	1	904	ON		
KG6HM	70	5	2	645	SJV	K9CEW	9	2	1	168	IL					VA3ATT	251	2	1	964	NC		
WE7H	64	5	2	570	AZ	VA7ANIM/M	56	2	1	162	BC					W5PQ	226	2	1	954	LA		
WA5DSS	65	5	2	560	STX	AE6JV	4	2	1	158	WV					WB3CJU	204	2	1	866	WVA		
KG8YT	37	5	2	420	MI	N4YHC	52	2	1	154	KY					W7QX	204	2	1	866	WVA		
N6AE	20	5	2	350	SV	KJ6MG	50	2	1	150	GA					W0GN	199	2	2	854	IA		
WJ3K	8	5	2	330	MDC	K7SIG	46	1	1	146	WY					N5RGN	265	2	3	852	MDC		
N2JFS	36	5	2	330	VT	WA4CHJ	18	2	1	136	UT					W4XJ	219	2	1	826	TN		
WA2EZG	11	5	2	305	NNJ	K9JDG	17	2	1	134	CO					VA3FN	192	2	1	818	ON		
						N5SQR	39	2	1	128	SDG					K6CSL	190	2	1	810	SJV		
						KB6NN	3	2	1	112	SF					KA5VZG	58	2	1	810	WVA		
		</td																					

W9WXN	10	2	1	270	IN	K5FRS	49	2	3	136	STX	KK4RP	3	2	1	62	NFL	N0OE	226	5	1	2,610	MN
WB4OMM	78	2	1	266	NFL	KF6VB	85	1	1	135	EB	KC0VDP	5	2	1	60	MN	K4WOP	575	2	2	2,506	VA
K5LRW	106	2	5	262	NM	KAOB	42	2	1	134	CO	KD0KIM	30	2	1	60	MN	W8TOM	214	5	1	2,490	MI
WV7T	63	2	4	262	CO	KO8S	40	2	1	130	MI	AE3A	3	2	1	60	ENY	W2IMU	632	2	8	2,478	SNJ
W9VLE	105	2	1	260	IN	W2AJW	40	2	1	130	AZ	KG9HM	2	2	1	58	IN	KD5ASV	140	2	1	2,430	NTX
K0EQH	130	2	1	260	KS	KB3INE	39	2	1	128	SC	KC2VMMR	4	2	1	58	NLI	NUTB	531	2	2	2,430	AZ
K7BUG	54	2	1	258	SF	WA5OYU	64	2	1	128	MS	K7IP	2	2	1	58	WVA	K4KSR	205	5	1	2,400	VA
W6YRA	75	2	2	258	LAX	KB4FB	38	1	1	126	WCF	KJ4TIP	2	2	1	58	SC	N5ZC	1026	2	1	2,372	WTX
K3WWP	51	2	1	254	WPA	KF7UIN	38	2	1	126	EWA	VE2PJ	3	2	1	56	QC	W0OTV	542	2	2	2,362	KS
KE4KE	102	2	1	254	MN	AA8DN	38	2	1	126	OH	W6LGB	3	2	1	56	LAX	KC0UXC	200	5	2	2,290	SD
K7JL	101	2	1	252	UT	K4JK	37	2	1	124	RI	AA6WH	55	1	1	55	SB	W3AG	203	5	1	2,280	WPA
K2HT	53	2	1	252	MO	WD4BMG	62	2	1	124	NC	KD6WKY	1	2	1	54	EB	WB2REM	912	2	3	2,264	SNJ
NE3K	51	2	1	250	MDC	KB5UEJ	37	2	1	124	MS	K0LAI	2	2	1	54	CO	AH6V	527	2	1	2,260	PAC
W6RLL	100	1	1	250	AZ	AD7XV	32	2	1	124	WVA	KJ6MSS	2	2	1	54	EB	WA1ENO	1053	2	2	2,256	EMA
K6III	50	2	1	250	SV	KE4JVY	62	2	1	124	NC	KB7QAG	2	2	1	54	WVA	K4WW	600	2	1	2,250	KY
AB7LA	100	2	1	250	ID	KO9A	28	2	1	122	IL	KF4YRK	2	2	2	54	IN	W7GB	521	2	1	2,238	EWA
K7EIQ	50	2	1	250	EWA	NS7F	31	2	1	122	AZ	VA7LBE	1	2	1	52	BC	N1CC	733	2	1	2,182	NTX
K3XTX	50	2	1	248	MDC	W7REA	23	2	1	120	WY	K6BSD	1	2	1	52	ORG	K7EA	533	2	1	2,140	UT
KC4QYQ	62	2	1	244	VA	WA4JM	35	2	1	120	WCF	KJ6PRH	1	1	1	51	ORG	KU4A	219	5	1	2,130	KY
AC6TU	48	2	1	242	LAX	VA3PAW	35	2	1	120	ON	N7QMT	23	2	1	48	WVA	A8AMI	191	5	1	2,060	OH
KX5G	48	2	1	242	NTX	AE2NG	34	2	1	118	WNY	KB5DRJ	24	2	1	48	NTX	NI7R	180	5	1	1,950	AZ
N0RZT	37	2	1	240	AL	N4JRG	17	2	1	118	KY	WB9MII	11	2	1	42	IL	K4CX	382	2	1	1,888	TN
AG4HG	95	2	2	240	TN	KD2AJO	33	2	2	116	WNY	WB3DLS	19	2	1	38	MDC	VE5JZ	168	5	1	1,880	SK
N2DD	44	2	1	238	WNY	W7JSD	19	2	1	114	AZ	WE5ET	18	2	1	36	STX	N7NB	156	5	1	1,810	WVA
N5WSS	54	2	2	238	AR	WA9LKZ	16	2	2	114	IL	KO6YG	17	2	1	34	SCV	WA4FOM	166	5	1	1,780	NNJ
N9WKW	118	1	1	235	IN	W3TMS	61	1	1	111	MDC	W7ARF	16	2	1	32	OR	KU4V	611	2	1	1,772	NC
KC2QIL	46	2	1	234	SNJ	NF8M	15	2	1	110	MI	K3TUF	30	1	1	31	EPA	NX9K	149	5	2	1,740	WI
W3TZ	234	1	1	234	AR	ACBKI	19	2	1	108	OH	KQ3Q	15	2	1	30	MDC	K1TW	160	5	1	1,650	EMA
K2JX	93	1	1	233	NLI	KI4CPL	46	2	2	108	TN	WA5YNE	27	1	1	27	OK	VA5LF	416	2	1	1,602	SK
N4BFR	91	2	1	232	GA	K7JB	54	2	1	108	EWA	N8TMB	24	1	1	24	MI	NY6J	355	2	1	1,576	IN
KA0ADZ	91	2	1	232	MT	K2AVI	57	1	1	107	WWA	KC0RQH	9	2	1	18	MN	K2OGT	331	2	1	1,574	EPA
KD0FIP	20	2	1	230	KS	JA1YNE	29	1	1	107	DX	K4GRE	8	2	1	16	SC	NB4M	140	5	1	1,550	TN
WD8LYB	115	2	1	230	MI	K3IT	15	2	1	106	MDC	K2CMH	5	2	1	16	GA	W0RU	130	5	8	1,515	MN
KJ4VTH	89	2	1	228	VA	WA1OOH	28	2	1	106	AZ	W4WSF	7	2	1	14	VA	K2SM	126	5	1	1,505	WNY
KG2NI	114	2	1	228	WNY	WA3ERQ	28	2	1	106	EPA	WD4PAQ	6	2	1	12	GA	K9OZ	363	2	1	1,496	IL
KX9DX	44	2	1	226	IL	K4GOP	52	2	1	104	NFL	KD8IGK	6	2	1	12	AL	KF6I	334	2	1	1,484	ORG
W2PQG	37	2	4	224	NNJ	WA8PYR	27	2	3	104	OH	N6DY	7	1	1	7	SCV	VE6AO	1307	1	7	1,461	AB
NF0T	64	2	1	224	IA	K7VY	27	2	1	104	NV	KJ4ADA	3	2	1	6	VA	K3OSS	125	5	1	1,450	GA
KC9DKQ	112	2	1	224	WI	KG6PO	27	2	1	104	SCV	AE1H	6	1	1	6	ME	W7ZRC	462	2	1	1,436	ID
K9GPC	87	2	2	224	WI	VE3ZW	51	2	1	102	ON	AH6SZ	1	2	1	2	PAC	W9CHD	308	2	1	1,432	WI
VE3TU	61	2	2	220	ON	KB1MU	26	2	1	102	WMA	<b>2D</b>						KK7EL	121	5	1	1,425	AZ
KC5YWN	85	2	1	220	AR	N5KGV	25	2	1	100	LA						W1REP	105	5	1	1,410	NC	
N8OQ	84	2	1	218	VA	K6HOM	25	2	1	100	SV	K5UA	1646	2	2	4,742	LA	VE2AWR	352	2	1	1,400	QC
W5LEW	46	2	1	216	CO	K4PZZ	24	2	1	100	VA	N5KWN	789	2	4	2,968	STX	NT6X	413	2	1	1,352	ORG
N1EK	83	2	1	216	MDC	A14CJ	99	1	1	99	SFL	W3FT	410	2	12	1,464	MDC	W9GHX	128	5	1	1,330	MO
W4BWQ	107	2	1	214	NFL	K0TNT	20	2	1	98	MN	WA4T	224	2	23	1,274	WCF	K0RFD	331	2	2	1,302	CO
AD9O	32	2	1	214	NE	AG6AN	14	2	1	98	LAX	W4SVI	229	2	23	1,028	SFL	N1EP	170	5	1	1,300	ME
W8BFX	82	2	1	214	WWA	K6BMD	24	2	1	98	EB	W7EAT	276	2	13	876	WVA	W7EAT	571	2	2	1,292	UT
K7DAC	160	1	1	210	UT	N9WF	48	2	1	96	IL	K4KD	363	2	3	776	ORG	AD1L	544	2	1	1,258	WMA
K3WQ	80	2	1	210	MDC	KD4QMY	23	2	1	96	GA	W9HW	297	2	5	666	IL	W1PNS	109	5	1	1,240	EMA
KC8RTW	29	2	1	208	MI	KB4CP	35	1	1	95	WCF	NT1CS	126	2	6	602	EMA	AD4Z	276	2	1	1,208	SFL
W0DD	79	1	1	208	MN	KB3OUK	12	2	1	94	WPA	AJ5Q	196	2	14	598	OK	K3TN	250	2	1	1,206	MDC
WA4CZD	76	2	1	202	TN	KC0SVE	14	2	1	94	IA	K4YNZ	145	2	2	540	AL	N2MTG	526	2	1	1,202	ENY
KF7PBW	76	2	1	202	WVA	N2SQW	44	1	1	94	ENY	N3JW	94	2	1	426	VA	K11AL	262	2	2	1,162	SF
K5SR	16	2	3	202	OK	N5BLY	21	2	1	92	MS	W1ORS	141	2	6	312	CT	K6Q	252	2	1	1,162	SV
W8FLX	38	2	1	202	OH	KJ4ZQZ	21	2	1	92	VA	W4KPR	136	1	14	292	WCF	K6UF	283	2	1	1,150	SCV
W4ATL	124	1	1	200	GA	KX7L	20	2	1	92	WVA	W1VCM	30	2	4	218	CT	KD0FW	533	2	1	1,116	MO
K7JKM	100	2	1	200	OR	KA6WBQ	21	2	1	92	NLI	K4TAK	39	2	1	282	TN	KD3FG	342	2	1	1,100	MDC
KF6IX	31	2	1	200	LAX	AB7MP	10	2	1	90	EWA	W5GAR	43	2	1	156	NTX	K7EY	302	2	1	1,090	AZ
KJ6MSG	54	2	1	198	EB	W3RLO	19	2	1	90	DE	K16DAR	37	2	2	124	SCV	KC9QQ	231	2	1	1,074	IN
W4EGR	74	2	2	198	AL	N4PCC	20	2	1	90	NFL	KK4TP	12	2	1	90	WPA	KOGEQ	280	2	2	1,064	STX
WD4DC	99	2	1	198	WCF	W6NFS	20	2	1	90	NFL	W5JMW	251	2	1	896	DE	W3KS	373	2	1	896	DE
W26P	98	2	1	196	SB	WS6T	20	2	1	90	EB	AA4LR	212	2	1	896	GA	AA4LR	212	2	1	896	GA
W0NFS	73	2	1	196	MO	KC7WZL	20	2	1	90	ID	KL1JP	106	2	1	862	AK	KL1JP	106	2	1	862	AK
W9IILY	36	2	1	194	IL	K2DSL	45	2	1	90	NNJ	KU4WD	242	2	1	836	TN	KU4WD	242	2	1	830	WVA
KJ4QAN	22	2	1	194	NFL	KD7JS																	

KG6S	111	2	2	520	SV	WA0DYJ	25	2	1	100	ME	KC2TXB	58	2	2	366	SNJ	AB8I	(+KD8RWD)	775	2	18	3,332	MI			
KC0DWX	135	2	2	520	KS	N8LWF	19	2	1	88	OH	VE3BA	160	2	6	320	ON	WC1SW	744	2	20	3,050	WMA				
NU6N	66	2	1	514	SJV	K14EBD	9	2	1	72	NFL	KE7EKG	115	2	2	300	UT	W9AWE	685	2	20	2,990	IL				
WB8DC	181	2	1	512	OH	KB8YGA	10	2	1	70	MI	KE5UES	50	2	2	250	NTX	KM0HP	847	2	8	2,958	MO				
N1ZX	115	2	1	510	SFL	KB4ZVM	2	2	1	54	SC	WC7EOC	69	2	4	236	OR	W4AAZ	862	2	11	2,784	NFL				
KU7Y	46	5	1	510	ID	<b>2E</b>		WW5ECC		16		2		10		182		W0RR	602	2	21	2,780	MO				
AC4RF	130	2	2	510	NC			W7GDY		82		2		3		164		W3KGN	595	2	14	2,568	EPA				
N4UYV	229	2	1	508	WMA	K6AM	4094	2	2	12,564	SDG	WW7RC	15	2	1	80	WWA	K8CHR	761	2	12	2,486	MI				
WU9B	105	2	1	506	AZ	W2RR	2164	2	7	9,228	WNY	<b>2F</b>		K9UW		1751	2	4	6,586	WI	K5BWD	(+KF5UDM)	462	2	12	2,378	NTX
WA9AQN	89	2	1	506	IL	W2TZ	2520	2	2	7,632	WNY	AE7OC		KY4KY		1553	2	59	6,144	KY	K4WD	532	2	25	2,350	SC	
WA7PRC	173	2	1	504	WVA	KK7PR	2353	2	8	7,232	OR	(+W4KBR)		W2ORC		1523	2	51	5,504	MT	KC4EM	274	2	33	2,164	TN	
NV4B	35	5	1	500	AL	N1UR	2222	2	2	7,110	VT	KA5JRS		W0HCA		973	2	33	4,394	WNY	K4MSU	(+W4GZ)	482	2	46	2,108	KY
K3STL	100	2	1	498	WPA	W5CT	1835	2	6	6,258	STX	W0HCA		K4PJ		1078	2	15	4,308	MO	W8B	548	2	23	2,072	OH	
KC7RG	58	2	1	476	WVA	K5SAR	1728	2	50	5,108	LA	W5BMC		W9YRC		899	2	41	4,174	TN	W5BMC	651	2	26	1,852	LA	
WU9Z	101	2	3	472	IN	KU1U	353	5	4	4,275	ME	W0HCA		W9YRC		942	2	17	3,218	IL	W4WRC	275	2	38	1,334	SFL	
AB5JR	109	2	1	468	NM	KE0UI	992	2	2	3,936	CO	W0HCA		W9YRC		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
KB3LGO	79	2	1	466	WPA	N1GN	1000	2	4	3,542	NH	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
W6DMS	57	2	1	464	ORG	K5PO	877	2	5	3,292	AR	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K3ORS	107	2	1	464	TN	W5ROS	303	5	21	3,100	STX	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WA3YZD	181	2	1	462	EPA	N3DUE	680	2	2	2,810	MDC	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K8QI	21	5	1	460	WCF	K7SEL	757	2	10	2,426	ID	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KI4ZNV	72	5	1	460	VA	AD5YB	843	2	2	2,206	MS	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WM7Y	128	2	1	456	NV	W5ROK	559	2	7	2,122	NTX	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
W4PTH	146	2	2	442	AL	VA7MM	399	2	5	2,004	BC	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
NV5M	29	5	1	440	NM	KX9X	311	2	2	1,320	CT	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WO3X	95	2	1	440	OH	WB5LVI	478	2	10	1,260	STX	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WB7TD	141	2	1	432	KY	W7FD	403	2	4	1,006	SJV	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
AJ7T	135	2	1	420	AZ	N9QID	209	2	3	868	IN	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
N6VNO	80	2	1	420	SCV	KN0BS	176	2	8	702	IA	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
N5JZD	92	2	1	418	NTX	W6BBB	169	2	3	688	ORG	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WD5FGZ	63	5	1	415	STX	K4HSM	187	2	8	674	TN	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
W0KIE	41	2	1	414	OK	KB2URI	24	2	1	598	WNY	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K2C2ELS	73	2	1	406	OR	KN1GHT	34	5	4	510	CT	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
VE3VID	69	2	1	400	ON	N5HRK	109	2	5	488	NTX	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
AC0VC	150	2	1	400	CO	WA1MHE	38	2	3	426	VT	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KC2LNC	124	2	1	398	NC	W8WML	101	2	3	364	MI	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K7KXO	67	2	1	384	WVA	<b>3E</b>		(+KB2LAV)		500		W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
VE5MX	165	1	1	380	SK	<b>3E</b>		(+W2XYZ)		1360		W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
NI1E	111	2	1	372	NH	W4NT	4175	2	6	12,980	GA	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
N8EN	76	2	1	368	MI	W4DXA	2732	2	17	9,946	NC	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K17N	82	2	1	368	OR	W8CCJ	1101	2	25	4,644	OH	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
W5VDM	26	5	1	360	STX	VE3YAA	1229	2	8	4,642	ON	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
N8KZ	53	2	1	360	MI	W3VPJ	948	2	20	4,114	EPA	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WE5T	104	2	1	358	NTX	W3KWH	1016	2	17	3,380	WPA	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KG4GWB	52	2	1	352	NM	WB2ELW	672	2	35	2,470	WNY	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K3IZ	50	2	1	350	VA	W5SSV	429	2	60	2,050	STX	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K7NJC	42	2	1	334	MT	W8DYY	1108	1	24	1,968	OH	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
K6OTT	31	2	2	332	SCV	AA9UF	350	2	3	1,848	IL	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KA0EIC	70	2	1	330	KS	W3HRK	448	2	5	1,782	WPA	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KC2SYK	100	2	1	328	NNJ	N5BL	395	2	16	1,390	NM	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
KA8WEP	88																										