

# 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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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.

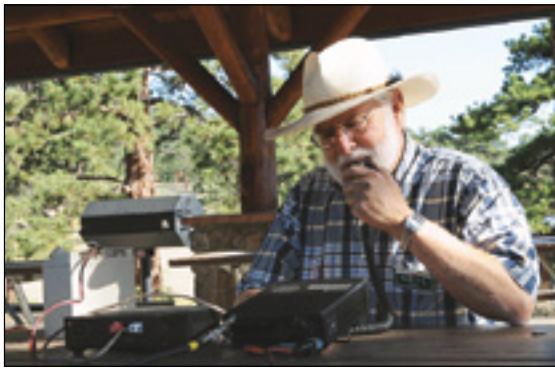
Field Day frequently means emergency power. Emergency power means generators — and

## 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	VE6TD	423	2	4	1,704	IL	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	VE6TF	412	2	3	1,648	OK	W6R	Novi ARC	N3RAY	138	2	3	396	EPA	Schaumburg ARC	W0C	2375	2	5	8,046	CO					
	Buckeye DX Club	WBOS	1107	2	7	4,774	OH	VE6UD	723	1	11	1,646	AB	W6R	W8PRC	60	2	3	532	MI	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	Montreal ARC / West Island ARC / Concordia University ARC	KH6J	1516	2	41	5,224	PAC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH						
	ARA of So New England	W1AQ	1464	2	13	4,562	RI	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Red Ant Annihilators/SCAN/BVSARC	K16J	1747	2	5	4,198	SJV	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND						
	Murphy's Law Radio Group	N5KM	1068	2	26	4,082	NTX	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Wayne ARC	W8AV	905	2	11	3,940	OH	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	Big Hill ARC	K0HP	821	2	5	3,930	SD	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH						
	Page Vale ARY	K4PMH	1197	2	18	3,902	VA	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Sandia National Laboratories ARC	W5MPZ	1309	2	11	3,880	NM	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND						
	Dr. Loomis Memorial Junior Mechanics League	W3KDR	1046	2	8	3,596	MDC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Souris Valley ARC	K0AJW	858	2	10	3,496	ND	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	Big Bend ARC	K5FD	1188	2	20	3,460	WTX	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH						
	RC of Redmond	N7KE	877	2	19	3,292	WWA	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Motorola ARC	K9MOT	767	2	20	3,204	IL	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND						
	Marshall City ARC	W0GCJ	671	2	12	3,162	KS	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Laurens City ARC	W4IT	534	2	5	3,064	SC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	N4CWZ	898	2	3	3,032	NC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH							
	W9PC	704	2	7	2,950	IN	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL						
	K4SV	994	2	21	2,842	SC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND							
	Athens City ARA	W8ED	556	2	14	2,518	WV	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Union Metropolitaine des Sans-filiste de Montreal	W8MV	522	2	13	2,800	OH	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	VE2UMS	636	2	25	2,490	QC	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH							
	Bitterroot AR Contest Group	K7A	454	2	3	2,406	MT	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	4x4 Ham	W7AZO	392	2	50	2,400	AZ	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Cold Creek Canyon Campers	N0BG	229	2	11	1,568	ND						
	Wiregrass ARC	WB4ZPI	726	2	15	2,254	AL	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Southwest MS ARC	W5WQ	562	2	15	2,190	MS	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	Central Washington ARC	W7TT	447	2	17	2,124	EWA	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH						
	SCVRA	K0CD	397	2	20	2,118	WI	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Texas DX Society	K5DX	616	2	9	2,100	STX	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						
	Bass Hill Rep Group	W11KX	429	2	8	2,076	ME	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Central Virginia CC	W6OD	(+W7KCN)	2100	2	21	8,268	AZ					
	Jefferson City ARC	KB0TLL	648	2	36	2,046	MO	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Northern Ohio DX Assn	W8DXA	2492	2	23	8,100	OH						
	Derangers	N6MI	1361	1	4	2,034	SCV	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Platinum Coast ARS	W4MLB	(+K4QD)	2133	2	86	8,050	SFL					
	Hattiesburg ARC	K5PN	825	2	23	2,000	MS	VE6V	723	1	11	1,646	AB	W6R	W8PRC	117	2	8	564	VA	Schaumburg ARC	W0C	2375	2	5	8,046	CO						

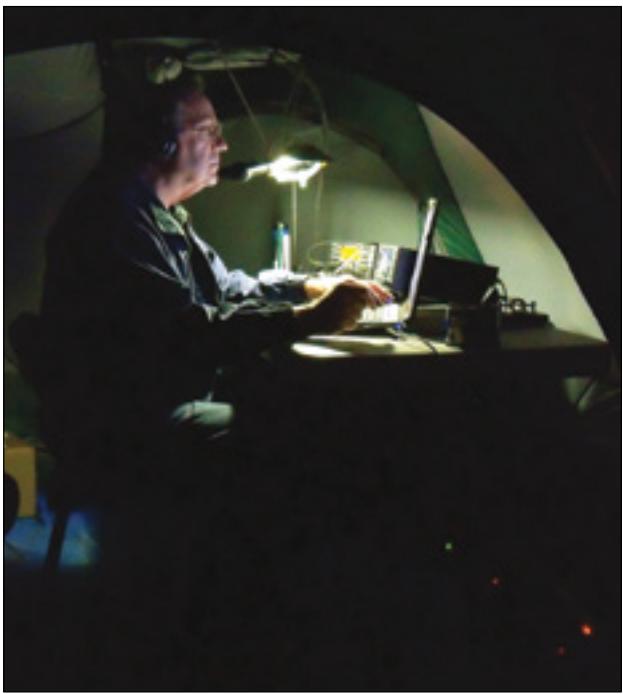
South Canadian ARS									
W4VA	1537	2	18	6,052	VA				
(+KW4VA)	1685	2	12	6,002	SFL				
Trojan ARC									
NW0K	1365	2	8	5,980	KS				
Montgomery ARC									
W4AP									
(+AK4FP)	1370	2	56	5,878	AL				
Providence RA									
W1OP									
(+W1PRA)	1801	2	12	5,854	RI				
K0LIR	1627	2	24	5,814	MO				
Cape Fear ARS									
K4MN	1404	2	30	5,788	NC				
Suncoast ARS / Sarasota Cty ACS									
WC4EM	1724	2	13	5,690	WCF				
MARCA									
W7MOT									
(+AA7OO)	1474	2	25	5,688	AZ				
Mining ARC and St Paul RC									
W0MR									
(+KOAGF)	1744	2	29	5,574	MN				
San Mateo RC									
W6UQ									
(+K6LMJ)	1673	2	25	5,420	SCV				
Des Moines RA Assn & AR Technical Society									
W0AK									
(+W0SCI)	1362	2	52	5,346	IA				
Anderson RC									
N4AW									
(+N4SBA)	1227	2	20	5,242	SC				
Marietta ARC									
W8HH	1423	2	13	5,196	OH				
Palos Verdes ARC									
K6PV	1446	2	29	5,188	LAX				
St Charles ARC									
KO0A									
(+WB0HSI)	1044	2	71	5,138	MO				
Mountaineer ARA									
W8SP	1326	2	22	5,004	WV				
Scorpion Ranch									
WS4Y	1341	2	6	4,956	KS				
Hannibal ARC									
W0KEM									
(+W0MTL)	1138	2	21	4,934	MO				
Williamsburg Area ARC									
K4RC									
(+N4DJ)	1244	2	30	4,830	VA				
Hancock ARC									
W9ATG									
(+N9TT)	1428	2	42	4,806	IN				
Hellgate ARC									
W7PX									
(+NQ7D)	1327	2	25	4,716	MT				
Bristol Cty RA									
W1ACT									
(+N1JOY)	1303	2	13	4,638	EMA				
New Providence ARC									
N2XJ									
(+W2FMI)	1535	2	35	4,604	NNJ				
Beach Boys ARC									
W6SL	1269	2	9	4,528	SB				
Vintage Iron RC									
N3KR									
(+N3OD)	1378	2	5	4,392	NNJ				
Mid-MO ARC									
N0SS									
(+K0ETY)	1021	2	58	4,386	MO				
Palatine ARS / RACES Group									
W9P									
(+WX9PAL)	1103	2	66	4,380	IL				
North Idaho Contest Group									
K7TM	862	2	3	4,308	ID				
Anaconda ARC									
W7VNE	912	2	11	4,168	MT				
Candlewood ARA									
W1QI	893	2	25	4,142	CT				
Olive Branch ARC									
W50BM									
(+K5OLV)	1280	2	17	4,114	MS				
Lakes Region Rep Assn									
W1UR									
(+W1BST)	1337	2	9	4,100	NH				
ARES Los Angeles NW District									
WA6P	1031	2	49	4,100	LAX				
Hambuds									
KK5E									
(+KF5GLR)	958	2	26	4,098	STX				
Radio Farm									
N0MA									
(+N0MMA)	1290	2	12	4,054	IA				
Sioux Empire ARC									
W0ZWY									
(+W0FSD)	1133	2	30	4,040	SD				
Alamance ARC									
K4EG									
(+W4VGZ)	902	2	48	4,024	NC				
Titus-Morris Co ARES									
K5K	1054	2	8	4,016	NTX				
Heart of Dixie ARS									
W4HOD	977	2	12	4,006	AL				
Ottawa ARC									
VE3RC									
(+VE3NCR)	796	2	75	3,982	ON				
Halifax ARC									
VE1FO									
(+VE1TRI)	1149	2	40	3,980	MAR				
South Georgian Bay ARC									
VE3SGB	1332	2	16	3,964	ON				
W5NOR	(+WB5ULK)	859	2	58	3,932	OK			
Minden ARA									
N5RD									
(+KA5KBP)	1296	2	16	3,928	LA				
Pine State ARC									
N1ME	1024	2	30	3,916	ME				
Jasper/Cherokee RCs									
K4ACW									
(+K4MTX)	762	2	36	3,854	GA				
Tallahasseee ARS									
K4TLH									
(+N4PIH)	815	2	68	3,818	NFL				
Massillon ARC									
W8NP									
(+W8DEA)	973	2	35	3,798	OH				
PALS Repeater Group									
WX9PIA	1429	2	12	3,750	IL				
Franklin Cty ARC									
AC1L									
(+KB1MSU)	886	2	25	3,744	WMA				
Montrose ARC									
K0IT									
(+KC0QXX)	894	2	48	3,716	CO				
Meriden ARC									
W1NRG	791	2	20	3,694	CT				
W6SFM	648	2	27	3,642	SV				
Los Angeles ARC									
W6QET	1089	2	15	3,622	LAX				
Fox Cities ARC, Inc.									
W9ZL	950	2	12	3,600	WI				
W1PBR	835	2	10	3,580	ME				
Blackstone Valley ARC									
W1DDD									
(+W1TBR)	762	2	37	3,556	RI				
Fort Madison ARC									
WF0RT									
(+W0NB)	632	2	18	3,486	IA				
Owensboro ARC									
K4H	806	2	28	3,468	KY				
West Allis RAC									
W9FK	958	2	19	3,452	WI				
Southwest Louisiana Am Rep Club									
W5BII									
(+KC5RGW)	1124	2	22	3,408	LA				
N5EOC									
(+KK5HT)	692	2	23	3,378	NTX				
ARC of Amite Cty									
W5CCW	1008	2	5	3,338	MS				
Green Valley ARC									
WE7GV	940	2	55	3,336	AZ				
Stu Rock ARC									
W8NJH	890	2	15	3,324	MI				
BARC									
K2EC	1219	2	20	3,306	NLI				
Reeffoot ARC									
K4RFT									
(+N4MJ)	637	2	10	3,306	TN				
Roanoke Valley ARC									
W4CA									
(+WG4WG)	1191	2	26	3,266	VA				
ARC EmComm Svc									
WB2QBP									
(+K2ARC)	1079	2	15	3,248	NLI				
Tuscaloosa ARC									
W4XI	845	2	30	3,188	AL				
Davis Cty ARC									
K7DAV									
(+NM7P)	664	2	41	3,184	UT				
Spring Hill ARC									
N4WO	676	2	29	3,162	NFL				
Tippecanoe ARA									
W9REG									
(+WB9SWD)	680	2	28	3,160	IN				
Mimbres Valley RC									
AK5D	983	2	4	3,124	NM				
EPCM									
VE7PCE	1013	2	25	3,096	BC				
Boca Raton AR Alliance									
N4BFR	816	2	12	3,088	SFL				
Ellsworth Am Wireless Assn									
W1TU									
(+N1MEA)	665	2	32	3,084	ME				
Club Radio Amateur de Québec									
VE2CQ	717	2	45	3,084	QC				
Bishop ARC									
N6OV	1252	2	26	3,074	ORG				
Blossomland ARC									
W8MAI									
(+W8KIT)	715	2	17	3,042	MI				
Morris RC									
W2YD	693	2	7	3,006	NNJ				
Richmond ARC									
VE7RAR									
(									

Hamilton Cty ARA  
K0KWO 369 2 4 1,730 IA  
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
(+N5F)	2192 2 17	8,212 MS	W8M 1167 2 20 3,634 MI
Midland ARC	K5DC	W1CLA	Tri-County ARC
(+W5QGG) 1965 2 12	8,190 WTX	(+W1MHL) 1443 2 50 4,896 EMA	WX4TC (+KK4FSA) 1143 2 35 3,614 GA
Victor Zulu Field Day Group	N3VZ	Cumberland Plateau ARC	Newton/McPherson ARC
2467 2 6	7,948 EPA	W4CV	N0NK (+W0TWU) 771 2 25 3,552 KS
Lighthouse AR Alliance	N4WZ	(+KT4BW) 1148 2 44 4,784 TN	Austin ARC
2459 2 28	7,746 SFL	White Mountain ARC	W5KA (+K5LBJ) 673 2 66 3,500 STX
Stanwood-Camano ARC	W7PIG	W1KJ	Henry Cty ARC
(+N7KRN) 1962 2 29	7,690 WWA	1282 2 25 4,782 NH	W9OB 1359 2 23 3,488 IN
Jefferson Cty ARC	W7JCR	Fountain Valley Am Comm Team & West Coast ARC	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	N4NRV 832 2 20 3,414 VA
Seattle ACS / MST / Puget Sound Rpt Group / West Sea ARC	W3YAA	W5EA	Nixa ARC
W7ACS	1708 2 57	7,252 WWA	W0A 955 2 15 3,368 MO
Barnstable ARC	N1CP	(+N5LCC) 1496 2 25 4,698 LA	Big Rapids Area ARC
(+K1PBO)	1925 2 20	Saratoga Cty ARA	N8OE 919 2 9 3,314 MI
Fond du Lac ARC	W4DO	K2DLL	Southern Vermont ARC
W9EBV	1728 2 25	(+N2MBX) 1431 2 18 4,672 ENY	K1SV (+WT1B) 1060 2 20 3,302 VT
South Orange ARA	W7AC5	CRES ARC	United Radio Amateur Club
K6SOA	1886 2 52	W8ZPF	K6AA 747 2 30 3,274 LAX
(+K6WO)	1925 2 20	6,816 ORG	Maury ARC
East Bay ARC & W6BB ARC	(+N8PEG)	1126 2 35 4,530 OH	W4GGM (+WB0CJB) 726 2 35 3,252 TN
W6CUS	1965 2 12	Ashtabula Cty ARC	Overlook Mountain ARC
(+W6BB)	1738 2 60	K8CY	K2ENY (+K2UNI) 538 2 25 3,218 ENY
Stonewall Jackson ARA	1728 2 25	(+N8PEG) 1328 2 20 4,500 OH	Rolla Regional ARS
K8DF	1886 2 52	Saratoga Cty ARA	W0GS 642 2 15 3,182 MO
(+K8TPH)	1964 2 21	K2DLL	K2PUT 610 2 43 3,162 ENY
N5HR	1611 2 74	(+W5QGG) 1965 2 12 8,190 WTX	W4FBF (+NC4DP) 866 2 43 3,154 NC
Kankakee Area RS	W9AZ	W8ZPF	Aero ARC
(+N9FD)	1502 2 36	6,526 IL	W3PGA 725 2 15 3,130 MDC

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	12	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	(+K4XH)
32	15	3	2552
2,152	1,606	1,156	45
OH	KY	W7TKE	Peel ARC
Dayton ARA	Muscatine ARC	W4UG	VE3XR
W8BI	N2AM	(+VA3SOP)	(+W8PGW)
528	(+K0BDU)	2539	2582
23	22	20	55
2,140	1,596	1,156	9,118
OH	IA	Oregon Tualatin Valley ARC	ON
Mount Diablo Amatuer RC	Columbus ARC	K7UGE	W7OTV
W6CX	W9ALQ	St. Mary's Cty ARA	2269
684	(+W9SCI)	K3NHK	77
150	60	232	8,974
2,138	1,590	1,150	OR
EB	Kent CommSupport Team	W6SAI	Nassau ARC
Southern Berkshire ARC	K7CST	K4LKW	K2VN
W1BAA	(+N7MU)	(+KK4JYA)	2406
(+K1LEE)	309	78	2
316	1,590	1,136	8,568
28	WWA	WCF	NLI
Emporia ARS	Rainbow Canyon ARC	W3YMW	Sussex Cty ARC
KB0SSR	N7BO	209	W2LV
(+K0ESU)	415	2	(+W2FDB)
2	1,588	1,038	17
24	UT	Portage Cty AR Serv	8,518
2,120	WMC	K8BF	NNJ
KS	Englewood ARS	Manotick ARG	8,392
Reading RC, Inc.	N4EAR	VE3AIR	OH
W3BN	293	226	Sterling Park ARC
403	2	3	K4NVA
245	17	4	(+NOQ)
2,106	1,576	1,102	2150
EPA	WCF	WMC	VA
KnightLites QRP Assn	K5BED	Montachusetts ARA	Arkansas River Valley AR Foundation
WQ4RP	313	2	K5PXP
7	1,576	1,022	2104
2,058	NTX	Vienna Wireless Soc	AR
NC	Central Toronto ARC	K4XY	(+K4HTA)
High Desert ARC of New Mexico	VA3CTA	1920	1920
NM5HD	N7BO	2	116
60	60	1,038	VA
2,056	NM	Contocook Valley RC	Contocook Valley RC
Portsmouth ARC / ARES	(+VE3FVU)	K1BKE	(+K1DFQ)
W4POX	333	2	2320
2	1,564	1,118	7,182
21	ON	Medina 2 Meter Group	NH
2,030	WMC	W8HN	(+W8EOC)
VA	Sun City ARC	1997	27
Wasatch Back Tri-County AR Group	K5WPH	7,084	OH
K7GL	311	2	Westchester EmComm Assn
17	1,562	1,000	(+W2UL)
2,012	NM	LARC-FARL	6,754
UT	Riverside Radio Amateurs	K8UNS	ENY
Sullivan ARC	WA8RRA	Mid-Del ARC	1602
W0T	328	2	56
31	1,536	994	MI
1,994	MI	W5MWC	(+KF5JRP)
MO	Central Missouri RA	1569	2
Radio Operadores del Este	K0SI	8	8,104
KP3RE	269	2	OK
35	1,514	9	Madison Cty DX Club
1,976	MO	K0XL	(+K1MUJ)
PR	LVSRA	36	1453
Misfits	K3LV	2	20
NV8E	Pierre ARC	5	5,754
5	1,950	9	(+K4HTA)
OH	W0PIR	98	7,728
K4WO	408	2	VA
432	9	9	Contocook Valley RC
25	1,486	9	(+NOQ)
1,928	Joplin ARC	Iola ARC	(+K1DFQ)
NC	W0IN	32	2320
Easton ARS	308	11	Medina 2 Meter Group
K3EMD	1,486	1,486	(+W5QC)
447	2	MO	8,178
30	1,926	1,486	VA
1,926	WMC	W8HN	Arkansas River Valley AR Foundation
XWARN	W4HAW	K4XY	(+K4HTA)
W8XRN	(+K4WPB)	1920	1920
426	2	116	7,728
9	1,914	1,118	VA
OH	Bay-Net	Contocook Valley RC	Contocook Valley RC
Cape Ann ARA	K6SRA	K1BKE	(+K1DFQ)
W1GLO	198	2	2320
207	6	3	50
45	1,468	994	Medina 2 Meter Group
1,908	SCV	W8HN	(+W8EOC)
EMA	Wilson City ARC	1997	27
Coastline ARA	WC4AR	7,084	OH
N1EG	397	2	Westchester EmComm Assn
626	3	15	N2SF
35	1,882	994	(+W2UL)
CT	Oak Forest ARC	1602	LARC-FARL
Burlington City RC	W5T	56	6,226
K2TD	395	2	MI
(+AK2S)	3	1440	W5MWC
349	3	STX	(+KF5JRP)
32	1,874	1,440	8,104
SNJ	Northwoods AR Group	1569	OK
Hamilton City ARES	N0I	2	Northwoods AR Group
N9EOC	323	7	1453
412	2	7	5,754
20	1,866	9	Woodford Cty ARC
IN	West Santa Barbara City ARES	(+K4HTA)	Dog Hollow Contest Group
WJCARES	W9EC	1920	1920
W4DOD	279	2	7,728
457	9	1,432	VA
12	1,432	1,038	Contocook Valley RC
1,862	SB	1,022	(+NOQ)
TN	North East Georgia ARC/Athens ARC	994	Arkansas River Valley AR Foundation
Cumberland Valley ARC	W4G	WMC	(+K1DFQ)
W3AACH	311	2	2320
332	25	15	50
46	1,432	9	Medina 2 Meter Group
1,856	GA	994	(+W5QC)
WPA	San Diego Six Shooters ARC	1602	VA
Shelby Cty ARES	K16JMN	56	6,226
Z8UKZ	566	2	MI
419	3	1,432	W5MWC
16	1,432	SDG	(+KF5JRP)
1,850	OH	1569	8,104
Peace River RA	PJ'S Group/WAFAR	2	OK
W4DUX	W9F-1	15	Northwoods AR Group
388	389	1,428	1453
27	2	IL	5,754
1,850	WAFAR	7,084	VA
Yolo ARES & Yolo ARS	HAM Assn of Mesquite	WMC	Green Mountain Wireless Soc
W6YAR	WJ5	25	N1VT
429	210	1,410	(+WA1VT)
34	6	NTX	5,428
1,848	SCV	22	VT
SV	ARA de Portneuf	1569	5,428
Metropolitan ARC	VE2CSP	8	VT
499	385	1,416	W7PU
2	3	SCV	W7PU
21	1,800	1,416	W7PU
TN	Peoria Area ARC	24	W7PU
Moreno Valley ARA	W9UVI	870	W7PU
AB6PA	(+W9PIA)	870	W7PU
(+KJ6MOB)	267	28	W7PU
477	2	1,414	W7PU
22	15	IL	W7PU
1,794	WMC	24	W7PU
ORG	HAM Assn of Mesquite	8	W7PU
Princeton Ham RC	WJ5	15	W7PU
W4KBL	272	1,410	W7PU
313	2	1,408	W7PU
32	20	QC	W7PU
1,792	WMC	25	W7PU
KY	ARA de Portneuf	1,408	W7PU
Central Wisconsin Radio Amateurs @	VE2CSP	1,408	W7PU
UWSP	Casper ARC	1,408	W7PU
W9JN	W7VNJ	1,408	W7PU
466	721	1	W7PU
9	25	1,400	W7PU
1,790	WY	1,400	W7PU
WI	DeGray ARC	1,400	W7PU
Reno City Kansas ARA	KD5ARC	1,400	W7PU
K8NOW	222	2	W7PU
460	3	1,394	W7PU
8	1,394	AR	W7PU
1,810	MI	1,394	W7PU
W6AK	Riverland ARC	1,394	W7PU
335	311	2	W7PU
2	3	1,344	W7PU
10	W4XXF	1,344	W7PU
1,810	SV	1,344	W7PU
SV	Northside ARC	1,344	W7PU
Harrisburg RAC	AA0NC	1,344	W7PU
W3W	(+KD3DGL)	1,344	W7PU
392	177	10	W7PU
26	1,344	MO	W7PU
1,802	WAF	1,344	W7PU
EPA	Elko ARC	1,344	W7PU
W2A	W7V	1,344	W7PU
245	245	16	W7PU
1,756	WY	1,340	W7PU
WNY	Pioneer AR Fellowship	1,340	W7PU
K4CARE	W8CTT	1,340	W7PU
KC8BOO	259	9	W7PU
552	1,332	OH	W7PU
12	1,332	OH	W7PU
1,754	Austin ARC	1,332	W7PU
OH	W0AZR	1,332	W7PU
M&M ARC	236	10	W7PU
W8P/IF	1,326	1,326	W7PU
714	1	1,326	W7PU
60	10	1,326	W7PU
1,740	MI	1,326	W7PU
MI	Porter and LaPorte ARC	1,326	W7PU
KZ9B Field Day	W9SAL	1,322	W7PU
KZ9B	271	12	W7PU
463	1,322	1,322	W7PU
2	12	1,322	W7PU
6	1,322	1,322	W7PU
1,734	WI	1,322	W7PU
WI	Buffalo AR Repeater Assn	1,322	W7PU
RADOPS of El Jebel Shrine	W2EUP	1,326	W7PU
K0FEZ	409	15	W7PU
372	1,316	1,316	W7PU
2	1,316	1,316	W7PU
11	1,316	1,316	W7PU
CO	KK6I	1,316	W7PU
Regina ARA	311	2	W7PU
VE5NN	1,316	1,316	W7PU
386	10	1,316	W7PU
2	1,316	1,316	W7PU
29	1,316	1,316	W7PU
1,732	SK	1,316	W7PU
McKinney ARC	Brightleaf ARC	1,316	W7PU
W5MRC	W4AMC	1,306	W7PU
277	328	14	W7PU
2	1,306	1,306	W7PU
69	1,306	1,306	W7PU
1,732	NTX	1,306	W7PU
NTX	Bankhead ARC	1,306	W7PU
Dubois Cty Amateur Radio Group	N4IDX	1,300	W7PU
N9NAU	287	19	W7PU
375	1,300	1,300	W7PU
2	1,300	1,300	W7PU
40	1,300	1,300	W7PU
1,730	IN	1,300	W7PU
IN	South Texas ARC	1,300	W7PU
Schenectady Museum ARA	KF5NQJ	1,300	W7PU
W2IR	(+N5CRP)	1,298	W7PU
(+KC2UTE)	173	30	W7PU
443	1,298	1,298	W7PU
25	STX	1,298	W7PU
Aux Comm Service	3 Rivers ARC	1,298	W7PU
K6RCR	KK3ARC	1,298	W7PU
(+AG6MO)	214	2	W7PU
217	1,298	1,298	W7PU
14	17	1,298	W7PU
1,710	ID	1,298	W7PU
ORG	Desert RATS	1,298	W7PU
North Port ARC	WD6RAT	1,298	W7PU
W4NPT	276	18	W7PU
315	1,298	1,298	W7PU
2	18	1,298	W7PU
11	1,298	1,298	W7PU
1,734	WY	1,298	W7PU
WI	Sierra Intermountain Em RA	1,298	W7PU
W9NCV	328	2	W7PU
328	17	1,298	W7PU
1,732	WY	1,298	W7PU
NTX	RCS of Spokane	1,298	W7PU
N7LC	311	2	W7PU
2	10	1,298	W7PU
1,732	SDG	1,298	W7PU
SK	Brightleaf ARC	1,298	W7PU
(+K7JAO)	W4AMC	1,298	W7PU
443	328	14	W7PU
25	1,298	1,298	W7PU
Aux Comm Service	K4BFT	1,298	W7PU
K6RCR	(+N7KDT)	1,298	W7PU
(+AG6MO)	4297	2	W7PU
217	1,298	1,298	W7PU
14	60	1,298	W7PU
1,710	AL	1,298	W7PU
ORG	599 DX Assn	1,298	W7PU
North Port ARC	NA5NN	1,298	W7PU
W4NPT	(+K5DXA)	1,298	W7PU
315	3715	2	W7PU
2	42	1,298	W7PU
11	13,458	MS	W7PU
1,730	WY	1,298	W7PU
IN	K4YTZ	1,298	W7PU
Schenectady Museum ARA	4A	1,298	W7PU
W2IR	Palo Alto ARA	1,298	W7PU
(+KC2UTE)	W6ARA	1,298	W7PU
443	(+W6OTX)	1,298	W7PU
25	82	17,158	SCV
14	1,298	1,298	W7PU
1,728	ENY	1,298	W7PU
Aux Comm Service	Delaware ARA	1,298	W7PU
K6RCR	K8ES	1,298	W7PU
(+AG6MO)	(+W8JKW)	1,298	W7PU
217	4377	2	W7PU
14	75	15,456	OH
1,728	ENY	1,298	W7PU
W4NPT	Huntsville ARC	1,298	W7PU
315	1,298	1,298	W7PU
2	1,298	1,298	W7PU
1,728	ENY	1,298	W7PU
W9LO	K4BFT	1,298	W7PU
325	2	1,298	W7PU
1,728	ENY	1,298	W7PU
Old Barney ARC	(+N7KDT)	1,298	W7PU
325	21		

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 City 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 City ARC  
 K4W (+W4CBS) 825 2 20 3,708 WCF  
 Sequoia AR Group

N6KRV	184	2	6	1,260	SJV	Fulton Cty ARC
Ham Friends of Redlands						K8BXQ (+KD8JBS) 697 2 14 3,350 OH
WB6WB	56	2	21	1,182	ORG	ARA of Long Beach
Jonestown Mtn Repeater Assn						W6RO 631 2 51 3,048 LAX
N3CSE	192	2	14	1,174	EPA	Lakeside ARC
Radio Amateurs of Corry						K6SEE 683 2 30 2,946 SDG
W3YXE	151	2	15	1,152	WPA	Central NH ARC
Inland ARS						W1JY 428 2 18 2,796 NH
K6DXN	175	2	8	1,000	LAX	Bear Bait RC
K6OX	226	2	11	942	LAX	KC2ZZO 454 2 14 2,692 NNY
<b>6A</b>						CCDX ARC
Albuquerque DX Assn						AD1T (+W1WWW) 738 2 16 2,628 NH
WSUR						Peak RA
(+K5HAB)	6026	2	26	20,654	NM	W7PRA 854 2 12 2,626 OR
Mike & Key ARC						Warrensburg Area ARC, Inc.
K7LED						W0AU 547 2 10 2,470 MO
(+AE7G)	5363	2	73	16,720	WWA	Barrow ARC
WY7FD						WR4BC 502 2 26 2,332 GA
(+WY7SS)	4648	2	19	15,548	WY	RASON
South Jersey RA						N1NW 444 2 39 2,278 CT
K2AA						KJ4YEN 363 2 33 2,264 NC
(+W2EA)	4135	2	42	13,318	SNJ	Elks Lodge ARC #1004
Central Kentucky ARS						W5ELK 414 2 12 2,100 AR
AA4NJ	3472	2	21	10,496	KY	International Brotherhood of Radio
W7DK						Operators
(+W7OS)	2429	2	90	9,142	WWA	KD8KNX 301 2 32 1,862 OH
Fort Wayne RC						Keuka Lake ARA
W9TE						AE1PT 271 2 30 1,736 WNY
(+KM9DON)	2486	2	57	7,754	IN	Kent ARS
Lake Monroe ARS						K3ARS 167 2 18 1,736 MDC
N4EH						Ripley Cty ARC
(+KJ4ZPH)	2256	2	95	7,438	NFL	KK9RC
K3PT						(+KC9VZC) 114 2 12 1,518 IN
(+W3HZW)	2199	2	36	7,280	DE	Sierra ARC of the High Desert
Warrminster ARC						N6N 152 2 22 1,286 ORG
K3DN	1800	2	35	6,154	EPA	St Joseph Cty ARES
Fox River Radio League						WG8V 68 2 8 186 MI
W9NE						<b>7A</b>
(+W9CEQ)	1573	2	55	5,666	IL	Lake ARA
W5ANR	1141	2	20	5,494	AR	K4FC
DuPage ARC						(+KT4Q) 5446 2 40 17,042 NFL
W9DUP	1340	2	55	5,206	IL	Big Bear ARC
Northern Berkshire ARC						K6BB 1706 2 20 7,144 ORG
N1WM						W6TRW ARC
(+KB1DMR)	1045	2	26	4,912	WMA	W6TRW
Holland ARC						(+K6OUE) 2538 2 42 6,840 LAX
K8DAA	1206	2	12	4,768	MI	Niagara Peninsula ARC, Inc.
20/9 RC Inc						<b>VE3VM</b>
K8TKA	1085	2	59	4,544	OH	(+VA3NRS) 1863 2 40 6,008 ON
Sierra Nevada ARS						Central Mass ARA
W7TA	924	2	45	4,468	NV	W1BIM 1537 2 31 5,984 WMA
Turlock ARC						Kendall ARS
W6BXN						KB5TX 1252 2 18 5,204 STX
(+AA6D)	1217	2	28	4,182	SJV	Greater Wichita Field Day
Salem ARC						N0W
W7SA	1077	2	20	4,174	OR	(+K0W) 1197 2 50 5,096 KS
Kitchener Waterloo ARC						W3VPR 925 2 38 4,228 MDC
VC390IC						Calaveras ARS
(+CK3IC)	1116	2	29	3,954	ON	N6FRG 796 2 19 3,908 SJV
Orlando ARC						Alexandria RC
K1AA						W4FH 935 2 27 3,732 VA
(+W1SE)	851	2	15	3,868	NFL	Marple Newtown ARC & Mobile Sixers RC
Antietam RA						N3NZ
W3CWC	722	2	39	3,744	MDC	(+W3AWA) 716 2 53 3,658 EPA
K9BAR	962	2	31	3,636	IL	Silverado ARS
Whitman ARC, Inc.						W6CO (+KE6O) 922 2 48 3,422 EB
W1N	1113	2	45	3,572	EMA	
North Shore ARC						
VE3NSR	700	2	20	3,556	ON	



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	K0C 593 2 134 3,304 MO
Fresno QCWA chapter	213					MGR4 / CGARC
W6GV	667	5	5	7,220	SJV	W4R (+WR4BA) 816 2 75 3,194 GA
New England Radio Discussion Soc						South Bay ARS
K1R	433	5	12	4,945	ME	K6QM 726 2 15 3,126 SDG
Los Chupacabrerros						Ventura Cty ARC
K5AXW	369	5	5	2,695	STX	K6MEP 353 2 15 2,244 SB
Texas Sparks						W8KEA 443 2 20 2,206 MI
A5ATB	230	5	5	2,555	NTX	Scarborough ARC
Burlington ARC						VE3WE 294 2 12 1,544 ON
VE3CJ	212	5	10	2,225	ON	Western Reserve ARC
Hawatha ARC						W8WRC (+KD8ELY) 195 2 35 1,520 OH
K0JKS	211	5	25	2,055	KS	
N0SFF	219	5	11	1,810	IA	
<b>8A</b>						
Cortek RA						
W9CA						(+K9IJ) 8041 2 50 26,342 IL
Gloucester Cty ARC						W2MMD 3394 2 70 12,746 SNJ
Hampden Cty RA						W1NY (+WB1Z) 2904 2 60 10,236 WMA
W1NY						Gwinnett ARS
(+WB1Z)						W4GR (+KD8DVY) 2703 2 153 9,624 GA
W8QLY						Mahoning Valley ARA
(+W8IZC)						W8QLY (+W8IZC) 2545 2 32 9,046 OH
Forsyth ARC						
W4NC						
(+W4WS)						Explorers RC
W2S0	969	2	12	3,634	WNY	NA3DX (+NA1DX) 557 5 10 5,730 MDC
Four Lakes ARC						Dixie ARC
W9JZ	611	2	41	3,386	WI	W7DRC (+NA7UT) 661 5 32 5,480 UT
Barry ARA						Tri-State Mountaineers
K8BML	757	2	21	3,298	MI	AC3V (+KB3VPA) 414 5 9 4,075 EPA
Crawford Cty ARC						Walton RA
W8BAE	913	2	22	2,880	OH	W2LZ (+W2CD) 285 5 8 3,190 WNY
K0USA	653	2	40	2,762	NE	Barstow ARC
Delta ARS						WA6TST (+KC6IH) 285 5 23 2,990 ORG
V7SUN	378	2	17	2,460	BC	RARC-QRP
Delta ARS						W0MXW 155 5 10 2,560 MN
W6TRW						Pueblo West ARC, Inc.
W8ZHO						NA0PW (+KD0MBL) 170 5 15 2,095 CO
(+K8EOD)						Iowa QRP Club
W3PBC	172	5	3	1,905	EPA	KQ0RP 170 5 5 2,035 IA
Yellowknife ARS						Ottawa Valley QRP Soc
VE8YK	66	5	10	1,590	NWT	VA3OVQ 122 5 5 1,970 ON
Glenn ARS						Head Lake Group
KJ6HCQ	90	5	10	1,410	SV	VE3LM 220 5 3 1,915 ON
University ARC						French Creek QRP Renegades
N7JW	109	5	10	990	WY	W3PBC 172 5 3 1,905 EPA
K5TED	61	5	3	885	STX	Yellowknife ARS
Toledo Mobile RA						VE8YK 66 5 10 1,590 NWT
W8HFF	685	2	42	3,332	OH	Glenn ARS
El Dorado Cty ARC						KJ6HCQ 90 5 10 1,410 SV
AG6AU	744	2	31	3,326	SV	University ARC
<b>9A</b>						W7YAM 319 5 17 3,895 OR
Raleigh ARS						
W4DW						
(+W4RNC)						
W9UUU	1711	2	48	6,190	IN	
Stanislaus ARA						
W6ERE	586	2	39	2,638	SJV	
<b>10A</b>						
Woodbridge Wireless						
W4IY	5311	2	50	18,094	VA	
Rappahannock Valley ARC						
K4TS						
(+N4ENG)						
Ventura Cty ARS						
N6R	1565	2	150	5,838	SB	
Broken Arrow ARC						
W5BBS	814	2	40	4,064	OK	
Toledo Mobile RA						
W8HFF	685	2	42	3,332	OH	
El Dorado Cty ARC						
AG6AU	744	2	31	3,326	SV	
<b>11A</b>						
Mississauga ARC						
VE3MIS						
(+VE3ETG)						
Columbia ARC						
W4CAE						
(+N4TAL)						
W7FST	506	5	20	5,870	NV	
North DeKalb QRP Club						
W4DGH	604	5	15	5,780	AL	
Naval Postgraduate School ARC						
K6LY						
(+K6NPS)						
N0YJ	177	5	3	2,170	MO	
Nova — QRP						
WA4MM	143	5	3	1,830	VA	
<b>12A</b>						
Nashua Area RC						
N1FD						
(+KB1HYL)						
Alamo Area Radio Org						
AASRO						
(+AE5WT)						
W3AO						
(+KE3Q)						
W3AO	11116	2	80	35,984	MDC	
<b>27A</b>						
Potomac Valley RC & Columbia ARA						
W3AO						
(+KE3Q)						
Chew's Ridge Gang						
K6MI	861	5	6	9,720	SCV	Zuri Loop Mtn Expeditionary Force
Fresno QCWA chapter	213					N6GA 1079 5 8 9,995 LAX
W6GV	667	5	5	7,220	SJV	St. Louis QRP Society
New England Radio Discussion Soc						NF0R 541 5 9 6,360 MO
K1R	433	5	12	4,945	ME	Portland ARC
Los Chupacabrerros						W7LT 462 5 20 4,440 OR
K5AXW	369	5	5	2,695	STX	McMinnville ARC / YCARES
Texas Sparks						W7YAM 319 5 17 3,895 OR
A5ATB	230	5	5	2,555	NTX	Elgin ARS
Burlington ARC						VE3RSE 251 5 10 3,165 ON
VE3CJ	212	5	10	2,225	ON	Houston QRP Club
Hawatha ARC						W5MSQ 179 5 11 2,130 STX
K0JKS	211	5	25	2,055	KS	Snake River ARC
N0SFF	219	5	11	1,810	IA	K7SI 203 5 8 1,970 ID
<b>5A</b>						Lodi ARC
South Park Marauders						N6SJV 195 5 30 1,895 SJV
WV0H	469	5	20	5,165	CO	

<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)	2827	5	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)	1439	W9PYH	90	5	1	1,150	WNY			
(+KD8JFF)	1538	2	N2DM	85	5	1	1,100	STX			
Conejo Valley ARC	150	15,020	WB3CEG	104	5	1	1,090	LAX			
AA6CV	1273	5	WO6M	100	5	1	1,050	SV			
<b>1A Commercial</b>	(+K4HAL)	1439	N0FCD	79	5	1	1,040	WWA			
Pathfinders ARC	56	30	WA9Z	415	2	1	1,030	WVA			
VA4PAR	553	26	AB9CA	362	2	1	1,010	IN			
Callaway ARL	2096	2,096	K10E	246	2	1	1,010	ENY			
KS0B	673	24	W9KHH	303	2	1	990	IL			
(+WD4FVO)	430	1,956	K8ER	346	2	1	980	AZ			
Cavalla Historical ARS	1,956	NC	K3WGR	321	2	1	970	OH			
N5BPS	687	12	K2IRT	458	2	7	1,766	NLI			
450' Antenna Group	2,024	MO	Mississippi Coast ARA	535	2	1	1,766	NLI			
KG4CDI	628	4	W5SL	590	2	17	1,758	MS			
AuSable Wireless Club	1,636	STX	Pioneer ARC	231	2	1	1,747	AB			
N8KV	457	3	K0JFN	674	2	15	1,912	GA			
Waupaca Cty ARES	1,558	MI	Camden Cty ARS	246	2	1	1,912	GA			
W9WAP	351	8	KB4CC	370	2	10	1,904	GA			
W2NRC	75	14	New York City Transit ARA	430	2	22	1,904	GA			
VE3AR	149	7	K2IR	458	2	7	1,766	NLI			
Tri-County D-Star	448	NC	Mississippi Coast ARA	535	2	1	1,766	NLI			
N8NOE	153	3	W5JAS	369	2	10	1,500	STX			
Tyndall family ARC	356	MI	Northeast Arkansas RC	311	2	1	1,208	SV			
W4TFR	69	3	W5GL	590	2	17	1,758	MS			
Sudbury ARC	346	GA	K8BTU	231	2	1	1,174	OH			
VE3AR	55	7	WA5TVO	220	2	1	1,162	SDG			
BSA Venturing Crew #80	260	ON	AD7DD	85	2	1	990	EWA			
W3BSA	17	5	KC7O	296	2	1	950	ORG			
WB4JFA	2	12	K6KS	250	2	1	850	SV			
Hawkins Cty ARES	130	SFL	K4CMD	279	2	1	808	VA			
KM4XE	27	7	W5JAS	369	2	10	1,500	STX			
UN Global Service Centre ARC	104	TN	AA1PL	241	2	1	736	RI			
4U1GSC	35	3	W5LBO	150	2	1	650	STX			
<b>2A Commercial</b>	K5NEA	409	17	VE3EDX	102	2	1	642	ON		
Radio Central ARC / Order of Boiled Owls of NY	1,478	AR	WW6O	186	2	1	622	NTX			
W2RC	1,478	AR	W5RIN	90	2	1	608	STX			
(+KW2O)	2336	21	N5BTC	123	2	1	592	STX			
West Texas Consortium	7,684	NLI	AC7CJ	20	2	1	590	EWA			
K5M	1123	3	W6F	133	2	1	566	SB			
K-State Alumni Radio Team	4,002	WTX	K5GCC	273	2	25	1,368	NTX			
K0DNG	1165	3	KM6Z	76	2	1	342	IA			
Macon Cty ARC	3,820	MO	K0BHQ	148	2	1	546	OH			
N0PR	(+AB0C)	838	15	WC6R	93	2	1	522	UT		
Franklin Cty ARC	3,664	MO	VA2NU	55	2	1	460	QC			
WE4A	(+W3MSG)	751	24	W5HLP	101	2	1	452	NTX		
Quad Cty ARC	2,950	NC	K0QOD	92	2	1	442	MT			
N3QC	(+W6ZPC)	183	7	VE3FME	40	2	1	360	ON		
K5M	1123	3	Hillsdale Cty ARC	1,320	MO	W4TTY	43	5	1	580	VA
K-State Alumni Radio Team	4,002	WTX	K0ARY	51	2	1	352	MO			
W5BCR	162	30	W5AR	54	2	17	958	STX			
W4FAR	136	10	K0ACP	236	2	36	1,264	MI			
Atascosa Cty ARC	722	NC	Thomaston ARC	67	2	1	240	OR			
W4OH	218	4	W4OH	45	2	1	236	VA			
AB8V	930	MI	AK4OH	43	2	1	226	WNY			
Bosque Cty ARC	930	MI	AC2HJ	38	2	1	218	ENY			
WB5NET	62	29	KC2RXS	17	2	1	216	WCF			
North Georgia Tri-State ARC	624	MO	K0DCA	187	2	13	624	MO			
W5NET	203	9	Chautauqua AR Serv	162	2	30	824	NTX			
W4NGT	118	12	KC2YHE	147	2	15	554	WNY			
W4NGT	118	12	W6MRF	50	1	10	532	AB			
Georgian Bay ARC	436	GA	N4QET	74	2	1	248	GA			
VE3OSR	238	12	N8HOB	9	2	1	186	OK			
K4KNS	413	ON	K2EVQ	39	2	1	178	NLI			
(+WE4GW)	246	40	AB8XX	10	2	1	170	OH			
Southern Illinois University ARC	1,730	GA	AG3BI	7	2	1	164	MDC			
W9UIH	629	5	WA7TPB	10	2	1	120	WVA			
AK4I	629	5	K8HUG	22	2	1	106	OH			
Canadian Lakes ARC	5,1430	GA	ARES (Webster Co. Missouri)	29	5	1	395	SCV			
K8PAO	572	8	N0RT	26	2	22	52	MO			
Cascades ARS	1,394	MI	<b>2B-1 Op</b>	KB0YTO	24	2	1	498	NE		
W8JXN	412	10	N6LB	11	2	1	272	WVA			
Chicago FM Rep Club	1,380	MI	<b>4A Commercial</b>	N4NE	1289	59	4,616	GA			
WA9ORC	316	40	Central Ohio Operator Klub Extra-Novice	K0MF	636	5	1,650	CO			
Manteca Amateur RC	1,338	IL	W8FD	K0XR	573	5	1,608	WY			
K6MAN	(+W6RCA)	392	(+W8OH)	1197	21	3,888	OH	<b>1B-1 Op Battery</b>			
(+W6RCA)	20	1,262	W7AC	K5VNH	569	5	1,594	NTX			
Mora Open Rep Assn	1,084	MN	CBF ARC	K7IA	445	5	1,4800	NM			
KD0CI	243	9	W8CBF	W3TS	426	5	1,4710	EPA			
Community Service RC	9,084	MN	R.L. Drake ARC	AE8M	451	5	1,4530	OH			
W0CSR	165	7	K8UJU	K0PC	400	5	1,4250	MN			
K3IVO	91	4	803	N7NZZ	392	5	1,4130	UT			
Charles Cty ARC	952	MO	K4MVA	N0EVH	340	5	1,3850	MO			
K3SMD	225	12	900	KEOG	335	5	1,3550	MN			
Chickasaw ARA	900	MDC	W2PE	AA4GA	329	5	1,3500	GA			
W5K	824	4	519	AA5CK	286	5	1,3140	OK			
(+W5GWD)	272	15	N4IQ	K8BRC	519	2	19	1,672	MI		
Grumann ARC	890	MS	Tri Cty Hams	N2JR	272	5	1,3070	VA			
WA2LQQ	355	15	KC9OLF	NR8Z	235	5	1,2800	OH			
Lewes ARS	888	NLI	K9LNX	AC7A	267	5	1,2780	AZ			
W3LRS	31	3	712	W8RTJ	269	5	1,2740	OH			
KD6HWI	256	3	7	KD2JC	254	5	1,2690	NNJ			
Arlington ARC	562	IN	K4RDU	NJNX	247	5	1,2670	VA			
W4WVP	119	20	N6CMF	N4NTO	251	5	1,2660	ORG			
Illinois Valley RA	560	VA	N3AB	W7DRA/7	244	5	1,2580	EPA			
K9AVE	67	7	328	VE5KC	221	5	1,2560	STX			
Pikes Cty ARC	67	7	1,438	W9NQJ	225	5	1,2500	WI			
W9UL	104	6	304	KB4QJ	187	5	1,2330	NC			
Brooksy Radio Amateur Group	21	6	K8M	N8TD	204	5	1,2290	OH			
W1BBV	242	EMA	K5SI	K7VBY	217	5	1,2270	STX			
			VE3FRG	WU0L	180	5	1,2150	SD			
			W3ZIC	K0CEA	178	5	1,2030	MO			
			659	K8ZT	177	5	1,1985	WV			
			2	K1PDY	162	5	1,1970	NH			
			5	K7GGG	1041	2	2,3464	AZ			



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					W6AEA	1141	1	1	2,332	EWA		
K0YBV	14	2	2	380	KS	W7CGA	118	2	1	722	MT					VE1RGB	560	2	1	2,290	MAR		
<b>1B-2 Op Battery</b>						<b>1C</b>										VA7ST	531	2	1	2,274	BC		
KE8M	648	5	2	6,530	OH	K4MTI	710	2	1	2,940	NFL					W7TS9	184	1	1	418	AZ		
VA3DF	670	5	2	6,360	ON	NA1GB	74	2	2	406	WMA					N9UCN	546	2	1	2,196	TN		
N3CU	517	5	2	5,345	WNY	NA3AWS	111	2	1	372	MS					N2RI	480	2	1	2,070	NLI		
K1DFT						NE9T	67	2	1	318	IN					KE1R	537	2	1	1,880	WI		
(+KA1RM)	401	5	2	4,110	ME	K6BBQ	27	2	1	304	SF					W6SX	1046	1	1	1,867	SJV		
VA3YV	438	5	2	3,805	ON	AG1YK	54	2	1	258	CT					K8BZ	266	2	1	1,114	AZ		
K2WNY	294	5	2	3,590	WNY	AB0YM	50	2	1	250	CO					W4SUN	259	2	1	1,066	EPA		
K7PJ7						W1RO	47	2	1	234	SDG					KA8HOK	523	1	1	1,060	NC		
(+K7CVU)	336	5	2	3,560	OR	NQ7R	45	2	1	230	WTX					W7JXW	219	2	1	1,038	SJV		
W6LPW	273	5	2	2,660	SCV	WA4CHJ	29	2	1	208	VA					VA3ATT	245	2	1	1,030	ON		
N4RE	236	5	2	2,610	NC	W6VCE	40	2	2	202	SDG					K4DJ	251	2	1	964	NC		
NG0R	101	5	2	1,380	MN	N3TG	26	2	1	202	VA					W5PQ	226	2	1	954	LA		
W0AZ						KC0JQO	20	2	1	190	MN					AE1T	226	2	1	946	NH		
(+W9KV)	95	5	2	1,150	CO	K9JK	15	2	1	184	IL					K8BZ	776	1	1	931	MI		
W10S						KA3KSP	38	2	1	176	WPA					W7UVH	191	2	1	926	ID		
(+KD0ARC)	56	5	2	760	MN	W3WL	11	2	1	172	GA					N5RGV	219	2	1	926	STX		
KG6HM	70	5	2	645	SJV	K9CEW	9	2	1	168	IL					VA3IC	262	2	1	904	ON		
WE7H	64	5	2	570	AZ	VA7ANIM/M	56	2	1	162	BC					K4K4R	205	2	1	874	LA		
WA5DSS	65	5	2	560	STX	AE6JV	4	2	1	158	WV					W7QDN	204	2	1	866	WVA		
KG8YT	37	5	2	420	MI	N4YHC	52	2	1	154	KY					W0GN	199	2	2	854	IA		
N6AE	20	5	2	350	SV	KJ6MG	50	2	1	150	GA					K3CCR	265	2	3	852	MDC		
WJ3K	8	5	2	330	MDC	K7SIG	46	1	1	146	WY					K3KU	241	2	3	846	MDC		
N2JFS	36	5	2	330	VT	WA4CHJ	18	2	1	136	UT					W4X4	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																

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	WB3DSL	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		776	2	35	3,284	AL	W4RC	241	2	40	1,464	IN	
AB5JR	109	2	1	468	NM	KE0UI	992	2	2	3,936	CO	W0HCA		K4WZ		942	2	17	3,218	IL	W4WMA	275	2	38	1,334	SFL	
KB3LGO	79	2	1	466	WPA	N1GN	1000	2	4	3,542	NH	W0HCA		W9YRC		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
W6DMS	57	2	1	464	ORG	K5PO	877	2	5	3,292	AR	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
K3ORS	107	2	1	464	TN	W5ROS	303	5	21	3,100	STX	W0HCA		W9YRC		776	2	35	3,284	AL	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		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
KI4ZNV	72	5	1	460	VA	AD5YB	843	2	2	2,206	MS	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
WM7Y	128	2	1	456	NV	W5ROK	559	2	7	2,122	NTX	W0HCA		W9YRC		776	2	35	3,284	AL	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		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
WO3X	95	2	1	440	OH	WB5LVI	478	2	10	1,260	STX	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
WB7TD	141	2	1	432	KY	W7FD	403	2	4	1,006	SJV	W0HCA		W9YRC		776	2	35	3,284	AL	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		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
N5JZD	92	2	1	418	NTX	W6BBB	169	2	3	688	ORG	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
WD5FGZ	63	5	1	415	STX	K4HSM	187	2	8	674	TN	W0HCA		W9YRC		776	2	35	3,284	AL	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		1078	2	15	4,308	MO	W4DAK	314	2	8	1,602	NFL	
VE3VID	69	2	1	400	ON	N5HRK	109	2	5	488	NTX	W0HCA		W9YRC		899	2	41	4,174	TN	W4DAK	314	2	8	1,602	NFL	
AC0VC	150	2	1	400	CO	WA1MHE	38	2	3	426	VT	W0HCA		W9YRC		776	2	35	3,284	AL	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	
VE5MX	165	1	1	380	SK	<b>3E</b>		W2BLAV		500		W9YRC		K5ABI		713	2	35	2,338	WTX	W4DAK	314	2	8	1,602	NFL	
NI1E	111	2	1	372	NH	W4NT	4175	2	6	12,980	GA	W0HCA		W9YRC		899	2	41	4,174	TN	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		899	2	41	4,174	TN	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	
WE5ET	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	2	1	326	STX	AB1MS	515	2	5	1,380	CT	W0HCA		W9YRC		942	2	17	3,218	IL	W4DAK	314	2	8	1,602	NFL	
WD8RYC	55	2	1	320	TN	W5FQ																					