

# Field Day 2010

## A Parrothead Ham Looks At 40

With a tip of the cap to Jimmy Buffett...

Dan Henderson, N1ND, Growing Older But Not Up

It is hard to believe that 40 years ago I took my Novice test and was first licensed. That factoid hit me recently as this proud Parrothead was listening to the streaming audio of the latest Jimmy Buffett concert. Jimmy had just started singing *A Pirate Looks At Forty* and it dawned on me that I had been licensed (and thus not a “pirate”) that many years. When I started researching this year’s ARRL Field Day results article and discovered that James William Buffett released his first album in 1970 (40 years ago), the die was cast: tell this year’s story with *Songs You Know By Heart*.

When the fourth full weekend in June comes around amateurs across the US, Canada and much of the world get the restless demeanor of *Gypsies in the Palace* as they participate in the largest 24-hour on-the-air operating event sponsored by the ARRL. Among the record 37,765 participants reported this year, you will find all kinds of operators, groups and characters. You might find a few *Fruitcakes* set up in the local park while others would be *In the Shelter* (maybe a picnic shelter or the county EOC).

Whether at home *A Mile High in Denver* or in downtown *Margaritaville*, it was easy to see *Everybody’s Talkin’* or perhaps using the *Coconut Telegraph*. The total number of contacts was down a bit (1,329,810 in 2010 down from 1,360,401 in 2009). This can best be attributed to our sunspot lament — *Miss You So Badly*. Of course, some would wish to *Take the Weather with You*, hoping for cooler or warmer conditions at their location. What may be a *Sunny Afternoon* for some may be a *License to Chill* for others. No weekend is going to be perfect weather for everyone. That is one of the strengths of Field Day. If the weather does not suit what your group or club can handle, you always have the alternative of operating from different venues, locales or even from home stations.

All types of operations have a place in



### Top 10 Claimed Scores

Call Sign	Score	Class
W3AO	33,452	24A
W9CA	19,748	3A
K1R	19,638	5A
K4BFT	17,140	4A
W2RDX	16,510	3A
K4FC	15,902	7A
K6EI	15,450	7AB
K7UM	15,154	4A
W6YX	14,260	2F
W1NVT	14,230	2A

**Parrothead (n) —  
A commonly used  
nickname for fans of  
Jimmy Buffett.**

### Entries by Class

1A 166	1B2 57	7E 2
2A 474	2B2 30	8E 1
3A 384	1C 56	12E 1
4A 173	2C 3	1EB 55
5A 83	3C 1	2EB 5
6A 40	1D 396	3EB 1
7A 16	2D 14	1F 39
8A 13	3D 4	2F 66
9A 6	4D 2	3F 41
10A 5	5D 1	4F 18
11A 2	1E 191	5F 10
15A 1	2E 19	6F 2
19A 1	3E 20	8F 1
24A 1	4E 4	9F 1
1B1 208	6E 2	13F 1

Field Day. Whether you are the *Twelve Volt Man* who is a Class B1B low power station on a mountain top, a Class F station at the town Emergency Management office, setting up in the *One Particular Harbor* where your club always goes or simply deciding that it is *Time To Go Home* and operate, there is a place and a way for you to enjoy the weekend.

A little over half of this year’s Field Day entries (52.2%) were Class A stations where *Everybody’s On the Run*. These in-the-field operations often resemble a *Carnival World*. Operating tents or RVs need to be placed, antennas erected safely, plans made for what to do *If It All Falls Down* and coordinating who is responsible for making sure that we have a *Cheeseburger in Paradise*. If you haven’t shown *An Attitude of Gratitude* to your Field Day chairman, do so. The hard work and the efforts of the volunteers he/she organize allow hams to *Bring Back the Magic* at least once a year.

When there are *Changes in Latitudes*, *Changes in Attitudes* are bound to happen. Being out in the field adds responsibilities to everyone attending. If you ask, “*Who’s the Blonde Stranger?*” the answer may be one of the invited government officials or a representative of a served agency. They might be a visitor learning about Amateur Radio and looking for someone to make *The Perfect Partner* to Elmer them along their journey. It could be a reporter for the local paper who says they are there because *It’s My Job*. Perhaps it is someone who wandered up to see what the hubbub was all about. Makes no difference: everyone at the site — from seasoned ham to *The Son of a Son of an “Elmer”* — helps give these VIPs a positive *Public Relations* fix.

Over one quarter (27.1%) of all entries come from those who chose to operate from home. Whether Class D using commercial power or Class E with emergency power, these stalwarts are not operating *Incom-*



Coachella Valley Amateur Radio Club, the Coachella Valley RACES group and QCWA Chapter 154 combined for Field Day operating as NR6P. Fourteen year old Lanae Smit, KJ6ISE, handled the TV news interview like a pro.

## Participation By ARRL Section

Section	Entries	Section	Entries	Section	Entries	Section	Entries
AB	9	KY	34	NNJ	45	SF	12
AK	9	LA	24	NNY	7	SFL	26
AL	40	LAX	38	NT	1	SJV	27
AR	33	MAR	11	NTX	59	SNJ	19
AZ	56	MB	3	NV	15	STX	58
BC	27	MDC	42	NWT	5	SV	31
CO	57	ME	18	OH	136	TN	56
CT	36	MI	88	OK	28	UT	25
DE	9	MN	39	ON	68	VA	77
DX	1	MO	58	OR	47	VI	1
EB	23	MS	20	ORG	50	VT	15
EMA	32	MT	23	PAC	8	WCF	20
ENY	27	NC	69	PR	3	WI	48
EPA	72	ND	6	QC	33	WMA	13
EWA	26	NE	12	RI	12	WNY	46
GA	57	NFL	53	SB	14	WPA	45
IA	26	NH	28	SC	27	WTX	12
ID	19	NL	2	SCV	38	WV	20
IL	89	NLI	29	SD	7	WWA	64
IN	64	NM	24	SDG	24	WY	10
KS	32						

*municado*. They are a strong element of the total Field Day experience. That is another special feature of Field Day — there is little differentiation between those operating from home or remote locations. Circumstances may dictate the time has come to *Send the Old Man Home* or for the group to be *Trying to Reason with Hurricane Season* (or thunderstorms or tornados). From an emergency communications test vantage point, there is room for everyone.

All 80 ARRL sections were on the air for Field Day leading many to opine *I Heard I Was in Town*. Dupe sheets and logs show DX participation from Europe, Asia, *Back To The Islands* (of the Pacific and Caribbean), places where you can see the *Southern Cross* and even a few contacts that might qualify as a *Cuban Crime of Passion* (for the hobby). Add this all together and one quickly sees that Field Day is a *Window on the World*.

One area of interest observed this year is what seems to be an increase in the weak signal stations on both HF and VHF. You know these operators — the ones *Quietly Making Noise*. They may be *Up on the Hill*, on a mountain with a portable beam and a solar panel or trying their hand making contacts from a cottage where you can see *Stars on the Water*. Maybe they are between *Honey Do* projects and can only get on for short periods. They frequently tackle operating *Anything Anytime Anywhere*. When you ask why, their answer is simple: *That's What Living Is to Me*. They are an important part of the Field Day *Feeding Frenzy*.

The special memory of making your first contact is one of the reasons the GOTA — Get On The Air — station is a popular feature of Field Day. There were 467 GOTA stations

## General Field Day Statistics

Year	2010	2009	2008	2007	2006	2005
CW Contacts	540,419	556,525	506,139	511,580	518,799	503,205
Digital Contacts	41,872	38,340	27,869	22,112	21,459	21,766
Phone Contacts	747,519	765,536	702,847	679,240	696,567	692,722
Total Contacts	1,329,810	1,360,401	1,236,855	1,212,932	1,236,825	1,217,693
Total Entries	2,649	2,642	2,409	2,331	2,199	2,212
Novice/GOTA	467	470	447	467	432	396
Participants	37,765	37,592	35,798	34,833	32,506	33,078

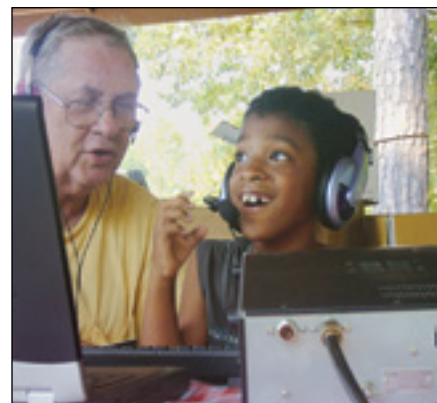
reported for 2010. That translates to 34.9% of groups eligible to employ one did so. We suspect that many of those GOTA operators will look back at Field Day 2010 as *The Night I Painted the Sky*.

Unfortunately, all good things must come to an end. So on Sunday afternoon June 27 it became *Time to Go Home*. But *Come Monday* the next phase of Field Day started. Summary sheets from 2146 entries were submitted using the [www.b4h.net/cabforms](http://www.b4h.net/cabforms) Web applet (thanks WA7BNM, for making this tool available to the amateur community). Another 502 submissions were received by other methods, which meant a record 2648 entries were received for this year. When it came time to *Let Me Tell You Babe*, about 190 groups and individuals posted their individual stories on the ARRL online Soapbox at [www.arrl.org/soapbox](http://www.arrl.org/soapbox). Visit the site and see what *Stories We Could Tell*.

There are those whose Field Day focus is to post more points than anyone else. They sit around Sunday afternoon and *Can't Remember When I Slept Last*. These operators live Field Day to the fullest, not only maximizing on-the-air points but working hard to do the same with the non-operating bonus points. To those who put up *The Good Fight* we say congratulations. It is all part of the Field Day game.

Field Day is many things to many people. *Some Wonder Why You Ever Go Home*. Others will anxiously seek to return home to their *Quiet Village*. A few of *The Natives Are Restless*, already planning strategies for Field Day 2011 — scheduled for June 25-26 when we will be singing *A Summer Song*. After all, this Field Day thing is *Bigger Than the Both of Us... 73*.

MILTON COLEMAN, K4OSO



At W4ML the Central Virginia Contest Club, Trey (right), son of Milt, K4OSO, just made a 15 meter SSB contact at their GOTA station manned by Howard Motley, W4PMM, who was the control operator.



Harris Intersil ARC K4HRS (+WA4AQV) 1758 2 24 6,658 SFL	Lynchburg ARC K4CQ 1072 2 30 4,692 VA	Hambuds KA5E 879 2 21 3,106 STX	New Providence ARC N2XJ (+KC2WUF) 528 2 25 2,264 NNJ
Motor City RC W8MRM (+W8GTZ) 1790 2 44 6,414 MI	Halifax ARC VE1FO (+VE1QD) 1413 2 42 4,674 MAR	Dial Radio Club K8PI (+W8BLV) 813 2 38 3,104 OH	Blackstone Valley ARC W1DDD (+W1BRU) 491 2 26 2,262 RI
Explorer Post 599 WA2DFI (+W7BSA) 1819 2 20 6,406 AZ	Mid-MO ARC N0SS (+K0ETY) 1087 2 35 4,662 MO	Colorado Mountain Moguls W0DZ (+W0GMJ) 681 2 25 3,068 CO	Fresno ARC W6TO 570 2 10 2,244 SJV
Falmouth ARA K1RK 1668 2 42 6,196 EMA	San Mateo RC W6UQ (+KJ6FIC) 1289 2 20 4,530 SCV	Hospital Disaster Support Comm System N6ER (+WB2LRH) 591 2 72 3,050 ORG	Irvine Disaster Em Comm N6IPD (+K6PB) 476 2 35 2,242 ORG
Cape Fear ARS K4MN (+KA4ULH) 1567 2 30 6,190 NC	Massillon ARC W8NP (+N8DJD) 1183 2 35 4,490 OH	Southwest LA Amateur Repeater Club W5BII (+K5LCW) 990 2 40 3,004 LA	Verde Valley ARA W7EI 640 2 65 2,230 AZ
Alamance ARC K4EG (+W4VGZ) 1533 2 30 6,138 NC	North East Tarrant Cty ARC N5EOC (+N1OZ) 938 2 30 4,488 NTX	Cedar Valley ARC W0GQ (+W0MRZ) 730 2 60 2,948 IA	Keowee-Toxaway ARC K4WD 602 2 18 2,230 SC
Schaumburg ARC N9RJV (+KA9QGG) 1378 2 43 6,080 IL	Pen Bay ARC W1PBR (+NY1B) 856 2 16 4,450 ME	Pamlico ARS N4PRS (+A14WL) 739 2 50 2,892 NC	Green Valley ARC WE7GV 461 2 21 2,222 AZ
Montgomery ARC W4AP 1534 2 40 5,974 AL	Schuykill Amateur Repeater Assn W3SC (+W3EEK) 1080 2 25 4,434 EPA	Tallahassee ARS K4TLH 569 2 70 2,884 NFL	OARS KD8SQ (+KD8GWZ) 670 2 8 2,210 OH
Williamson City ARC WC5T (+W5C) 1630 2 25 5,906 STX	W9MQB (+W9FIB) 899 2 12 4,378 WI	ARES LAX WA6P (+NY6Y) 735 2 79 2,872 LAX	Heartland DX Assn N1QDX 536 2 8 2,206 NE
Ski Country ARC K0RV (+WW0AL) 1579 2 36 5,860 CO	Trojan ARC NW0K 1065 2 7 4,362 KS	EPCOM VE7PCE 893 2 25 2,866 BC	AE6ZV 720 2 9 2,204 SB
Monroe Co Radio Comm Assn W8PI (+W8DWL) 1681 2 15 5,800 MI	W1TU (+KB1CEJ) 1012 2 20 4,360 ME	Oxford Cty ARES W1OCA (+N1YIS) 605 2 31 2,850 ME	West Allis RAC W9FK 668 2 15 2,154 WI
W/K ARC of Greater Milwaukee N9AW 1506 2 11 5,790 WI	Des Moines Radio Amateurs Assn/ AR Technical Soc W0AK (+W0SCI) 1036 2 44 4,284 IA	Table Mtn Boys N7QT 638 2 3 2,814 EWA	East Bay ARC W6CUS 479 2 35 2,140 EB
MARCA W7MOT (+WN7TSY) 1633 2 22 5,702 AZ	Prime ARA/St. Clair ARC K9JHQ 1274 2 7 4,268 IL	East Greenbush ARA W2EGB (+K2CCK) 923 2 35 2,774 ENY	Elko ARC W7V (+W7LKO) 559 2 14 2,136 NV
K0LIR 1595 2 31 5,680 MO	WB2QB (+K2ARC) 1513 2 17 4,204 NLI	Algoma ARC VE3SOO 662 2 9 2,730 ON	Hoosier Hills Ham RC W9YQY 393 2 11 2,134 IN
Smith Chart ARS K4OO 1438 2 10 5,620 VA	Ashe County ARC W4FD (+W4APP) 922 2 37 4,116 NC	Garland ARC K5QHD 488 2 22 2,716 NTX	Montgomery ARC KV3B (+W3EXP) 429 2 40 2,134 MDC
Philips ARC W1HP (+KD1NA) 1379 2 20 5,618 EMA	Anderson RC N4AW (+N4SBA) 1111 2 26 4,086 SC	Metuchen RC K2YNT 672 2 11 2,674 NNJ	Lowell AR Youth Club K8LHS 741 2 9 2,132 MI
Central OR DX Club N7LE 1472 2 13 5,594 OR	KP4ES 967 2 15 4,072 PR	North Idaho Mountain Toppers K7TM 558 2 3 2,622 ID	Lincoln Cty Volunteer Communicators N4ARR (+NC4LC) 511 2 59 2,130 NC
Motorola ARC - Schaumburg K9MOT 1755 2 18 5,558 IL	Souris Valley ARC K0AJW (+KD0JCD) 948 2 20 4,030 ND	Sturdy Memorial Hospital ARC W1SMH 660 2 20 2,614 EMA	Zerobaters ARC WA0FYA 796 2 12 2,094 MO
Sarasota City ACS/Suncoast ARS WC4EM 1626 2 15 5,476 WCF	Radio Farm N0MA (+N0MMA) 1405 2 27 3,978 IA	Rockingham Cty ARC N4IV 565 2 30 2,610 NC	Quarry Top Hams N8ZV 648 2 32 2,082 OH
Palos Verdes ARC K6PV 1565 2 26 5,468 LAX	Hancock ARC W9ATG (+N9TT) 939 2 34 3,908 IN	Straits Area ARC W8GQN 756 2 5 2,604 MI	Feno Cty ARA W0WR 404 2 10 2,078 KS
Heart O' Texas ARC W5ZDN (+W5TSA) 1588 2 38 5,452 NTX	Utah ARC W7SP (+N7HVF) 862 2 105 3,894 UT	Ole Virginia Hams W4OVH (+W4PVA) 582 2 26 2,604 VA	Jefferson Cty ARC W7PT 449 2 11 2,062 WVA
Kishwaukee ARC WA9CJN (+N9RFR) 1229 2 15 5,386 IL	W9ZL 979 2 34 3,834 WI	Laredo Hams ARC W5LRD 737 2 12 2,586 STX	W2LRC (+KC2TFS) 446 2 24 2,058 NLI
Texas DX Society K5DX (+K5UO) 1411 2 20 5,358 STX	Scorpion Ranch Hands WS4Y 1241 2 9 3,806 KS	Playground ARC W4ZBB (+K4FWB) 579 2 15 2,528 NFL	Los Alamos ARC W5PDO 442 2 15 2,034 NM
MIT Radio Society & Friends W1MX (+W1AF) 1332 2 16 5,156 EMA	Montrose ARC K0IIT (+KC0QXX) 924 2 37 3,716 CO	Seattle ACS/PSRG/West Seattle ARC W7ACS (+WW7PSR) 518 2 91 2,526 WWA	Eastern AZ ARS K7EAR (+AF7AT) 400 2 4 2,030 AZ
OH-KY-IN ARS K8SCH (+K8GAP) 1294 2 25 5,148 OH	Twin Cities Repeater Club W0BU 799 2 18 3,714 MN	WB2ELW (+K2VTK) 655 2 24 2,514 WNY	South Alabama RC WC4M 327 2 14 2,026 AL
WJ4N 1331 2 10 5,142 SFL	Fort Madison ARC WF0RT (+NW0X) 711 2 24 3,688 IA	Salem Cty ARES/RACES N2FI (+WB2B) 463 2 16 2,504 SNJ	Gateway Technical College ARC N9GTC 395 2 16 2,024 WI
Marietta ARC W8HH 1454 2 8 5,110 OH	Crown Radio Group W3RP 931 2 4 3,660 WPA	Middle TN ARS, Inc. W4UOT (+AJ4QR) 463 2 37 2,500 TN	Androscoggin Valley RC K1AVR 500 2 12 2,024 NH
Lighthouse AR Alliance K4LRA 1285 2 18 5,092 SFL	Azalea Coast ARC AC4RC (+W3NZ) 796 2 20 3,610 NC	Sierra Blanca ARC KR5NM (+K5RIC) 488 2 20 2,498 NM	Martin Cty ARES/MCARA K4ZK 584 2 42 2,018 SFL
Meriden ARC W1NRG (+KB1CIW) 1137 2 34 5,088 CT	Heart of Dixie ARS W4HOD 739 2 6 3,594 AL	Pine State ARC N1ME (+W1JFF) 663 2 45 2,482 ME	North County ARC W2LCA (+K2CC) 414 2 15 2,008 NNY
Purveyors of Doom DX'n Club W9UFO 1851 2 6 5,084 NM	N6MI 947 2 11 3,570 SCV	AC4XQ 876 2 14 2,458 SFL	Coastside ARC WA6TOW 467 2 17 2,004 SCV
Ascension ARC K5ARC 1201 2 35 5,064 LA	Hilltop Hillbillies AR Group K1XI 1321 2 10 3,564 ME	AK9G (+WX9PAL) 598 2 17 2,452 IL	Olive Branch ARC W5OBM (+W5KDM) 326 2 15 2,004 MS
Candlewood ARA W1QI 1518 2 19 5,034 CT	Ottawa ARC VE3RC 780 2 50 3,522 ON	Muscatine ARC N2AM (+K0BDU) 637 2 17 2,442 IA	Sullivan ARC W0W (+KD5ZIQ) 876 2 32 2,002 MO
Northern AZ DX Assn and Coconino ARC W7FYW (+NF7E) 1227 2 15 5,028 AZ	Minden ARA N5RD (+KA5KBP) 1081 2 15 3,480 LA	Port St Lucie ARA W8HW 732 2 25 2,434 SFL	Okaw Valley ARC KK9N (+W9KXQ) 433 2 15 1,988 IL
Oregon High Desert CC K7AW 1310 2 3 5,020 OR	Green River Valley ARS K9WM 911 2 12 3,434 IL	Mich-A-Con ARC KC8VC (+K9TRY) 479 2 10 2,424 MI	NHRC ARS W1CUM 594 2 11 1,980 NH
Clay Center ARC & Waltham ARA W1CLA (+W1MHL) 1400 2 28 5,000 EMA	The Villages ARC K4VRC (+K14DYE) 679 2 60 3,428 NFL	Goddard ARC WA3NAN (+N3RLL) 570 2 13 2,422 MDC	W8DO 525 2 10 1,952 MI
Mountaineer ARA W8SP 1310 2 23 4,988 WV	Charlestown ARES KA1RI (+KW2G) 719 2 20 3,414 RI	Oroville ARS W6AF 617 2 23 2,408 SV	Neptune ARC W2NRC (+N2GT) 297 2 48 1,944 NNJ
Koolau Amateur RC KH6J 1388 2 25 4,978 PAC	Pearl River Cty ARC W5PMS (+KR5T) 953 2 22 3,404 MS	South Wahkiakum ARS WW7LW 652 2 5 2,402 WWA	Riverside Cty ARA W6TJ 413 2 37 1,934 ORG
TN Valley DX Assn W4PL (+WA4AA) 1087 2 42 4,958 TN	Kent Cty ARC W3HZW (+KE3UY) 638 2 35 3,320 DE	Englewood ARS N4EAR 579 2 16 2,386 WCF	M&M Amateur Radio Club W8PIF 831 1 44 1,931 MI
W3MIE (+N3OQH) 1277 2 46 4,950 WPA	Sudbury ARC VE3ZI 903 2 14 3,274 ON	North Coast Contest Club AA8BV 603 2 4 2,344 OH	Arlington ARC K5SLD (+AE5PC) 382 2 72 1,918 NTX
Rochester Oakland CERT K8ED 1192 2 14 4,936 MI	VE7RAR (+VE7ODY) 599 2 29 3,196 BC	South Baldwin ARC AF41 469 2 21 2,340 AL	Iroquois Cty ARC W9RWX (+W9GRS) 317 2 31 1,910 IL
Lakes Region Repeater Assn W1UR (+W1BST) 1679 2 38 4,860 NH	Bladen ARS W4BLA 865 2 25 3,186 NC	Franklin Cty ARC WE4A 525 2 15 2,298 NC	Delaware Valley RA W2ZQ (+KB2SYB) 320 2 56 1,910 SNJ
Vintage Iron RC N3KR (+N3OD) 1686 2 6 4,842 NNJ	Valencia Cty ARA K5OUR (+KC5OUR) 651 2 97 3,168 NM	Tyler ARC K5TYR (+W5ETX) 552 2 64 2,294 NTX	Johnson City ARA W4ABR 304 2 35 1,904 TN
Williamsburg Area ARC K4RC (+K6OWD) 1232 2 31 4,834 VA	South Kitsap ARC N7IG (+N7CQ) 745 2 22 3,146 WWA	Sportsman's Paradise ARC K4WAK 460 2 12 2,278 NFL	W4BFB (+NC4DP) 433 2 45 1,904 NC
Dickson Cty ARC WC4DC (+AF4YL) 1094 2 13 4,828 TN	Eastern Panhandle ARC K8EP (+N3JDR) 867 2 17 3,122 WV	Bedford ARC K5BED 416 2 48 2,276 NTX	Renton Em Comm Service K7FDF (+K7OTV) 322 2 21 1,900 WWA
		Decatur ARC W4ATD 753 2 10 2,276 AL	Moreno Valley ARA AB6MV (+K16SOT) 385 2 30 1,900 ORG
		San Jose ARES/RACES/ACS W6SJC (+KF6IY) 532 2 42 2,266 SCV	N0ZS 524 2 26 1,898 MO
			NX0G 518 2 4 1,894 CO

Sonoma Cty Radio Amateurs Inc W6SON (+W6LFJ) 407 2 37 1,886 SF	Hot Spring Cty AR Emergency Net W5AR 242 2 21 1,460 AR	Ouachita ARA W5HUM 388 2 7 1,186 AR	Carolina ARES WX4SC 153 2 18 856 SC
Prescott-Russell ARES VE3PRV 500 2 14 1,884 ON	Tri-States ARC W4GTA 348 2 7 1,446 GA	Laguna Beach Em Comm Team N6L (+KE6GFH) 97 2 50 1,184 ORG	Plumas ARC K6PLU 196 2 10 852 SV
Ocean State ARG, Inc. K1OS 651 2 6 1,866 RI	FILAMARS of San Diego ND6U 423 2 15 1,436 SDG	Central AR UHF/ AR Em Radio Service N5AT 163 2 63 1,184 AR	Yellowknife ARES VE8YK 101 2 13 842 NWT
Middle Peninsula ARC W4HZL 400 2 20 1,840 VA	Milwaukee RAC W9RH 306 2 3 1,434 WI	3 Rivers ARC K3ARC 145 2 50 1,180 ID	Navarro Amateur RC N5VO 96 2 21 842 NTX
Kootenai ARS K7ID 336 2 48 1,840 ID	UCSC ARC AC6P 199 2 26 1,432 SCV	Pearland ARC K5PLD 202 2 22 1,166 STX	Ontario Science Centre ARC VE3OSC 168 2 7 832 ON
Nanaimo ARA VE7NA 363 2 18 1,828 BC	ARC of Alameda K6QLF (+KF6UVB) 171 2 50 1,430 EB	Beaufort RA Group W4BFT (+K3LLH) 195 2 20 1,142 SC	Davis Family W9ZB 220 2 4 824 WI
Bloomington ARC K9DIY (+K9SOU) 350 2 68 1,824 IN	Knob Hill Krew K5K 297 2 4 1,424 NTX	Three Rivers ARC W0END 209 2 6 1,132 ND	Clarksville Amateur Transmitting Soc KF4L 168 2 12 800 TN
Peoria ECRT WX9JC 664 2 10 1,818 IL	WD5DDH (+KB5YYK) 332 2 25 1,422 NTX	West Palm Beach ARC W2CB 291 2 32 1,132 SFL	Long Island AR Simplex Club W2LIS 219 2 10 788 NLI
Green Bay Mike and Key Club K9EAM 378 2 27 1,802 WI	Chesapeake Bay RA W3E 386 2 13 1,416 MDC	Koomer Ridge Contesters K3QY 416 2 4 1,132 KY	Marshall Radio AA7SM 217 2 3 784 UT
Los Angeles ARC W6QET 313 2 21 1,802 LAX	Bloomington Comm Group W0AAA (+KD0CL) 288 2 30 1,406 MN	Henry Cty ARC K8TII (+W8FK) 234 2 15 1,124 OH	AA7SM 217 2 3 784 UT
W6SF 578 2 15 1,792 SJV	Fredleebud FD Group N7CW 386 2 3 1,392 AZ	Puerto Rico FD Group KP4FD 270 2 12 1,118 PR	Columbia ARS NF4CQ 40 2 20 780 NFL
Eastern Shore ARC K4BW 336 2 23 1,786 VA	Frederick ARC K3ERM 270 2 15 1,382 MDC	Helena ARC W5HAR (+N5MIG) 59 2 10 1,112 AR	Waldo Cty ARA N1TN 163 2 25 776 ME
Rockwall / Trinity Valley ARC K5RKY 285 2 35 1,776 NTX	W0GOR 215 2 6 1,382 ORG	Small Town AR Service W5STR 236 2 22 762 AR	Black Diamond RG KX9M 256 2 8 766 WI
Mt Magazine ARC W5MAG 660 2 10 1,770 AR	Quinte ARC/Prince Edward RC VE3RL 393 2 20 1,380 ON	Every ARS K0EAR 125 2 3 744 MO	USC ARC W4AB 99 2 30 668 SFL
Jasper RC K4ACW (+WN4S) 411 2 11 1,764 GA	SARES K6SNY 211 2 50 1,372 SCV	West Virginia Amateur Radio WV8AR 253 2 25 1,106 WV	USC ARC W6VY 109 2 3 668 LAX
Theodore Roosevelt ARC K0ND 506 2 22 1,762 ND	Addison Cty ARA N1FS 897 1 20 1,362 VT	Penn-Mar RC W3MUM 320 2 15 1,090 EPA	Georgian Bay ARC VE3OSR 305 2 15 668 ON
21 Repeater Group / Kendallville Contesters N9VI (+K8IAT) 553 2 23 1,756 IN	STARS W9SRC (+AB9JW) 184 2 30 1,360 IL	Friends of AR Operating Unusually K2BC 267 2 5 1,082 NNJ	4X4Ham W7AZO 170 2 40 664 AZ
Midwest ARS W9MAR (+KA9NOO) 278 2 10 1,752 IN	Mayes Cty ARC WX5MC 165 2 7 1,350 OK	Kauai ARC KH6E 314 1 20 1,079 PAC	Davies Cty ARC KC9SFL 47 2 6 664 IN
North Augusta - Belvedere RC K4NAB 338 2 11 1,750 SC	Central MS ARA W5W 150 2 10 1,350 MS	Wexaukee ARC K8CAD (+N8NJA) 272 2 19 1,074 MI	Triple A ARA N3TN 103 2 12 656 WPA
Hannibal ARC W0KEM 444 2 15 1,702 MO	KF5ADC 241 2 37 1,346 STX	Lake Chelan RC K7YR 374 2 4 1,062 EWA	Montgomery ARS NC4MC (+KJ4VLLH) 113 2 8 652 NC
W9JOZ 212 2 35 1,664 IN	Tippecanoe ARA W9REG (+WB9SWD) 297 2 23 1,330 IN	Summerside ARC VY2PEI 374 1 24 1,058 MAR	YKARS VE8RAC 29 2 5 650 NWT
Yavapai ARC / Yavapai Cty ARES/RACES W7YRC 304 2 25 1,662 AZ	Huron ARA INC W0NOZ 271 2 16 1,326 SD	Foothills ARC W4HF 254 2 6 1,058 NC	Mizpah Shrine Radio Unit W9FEZ 260 2 8 632 IN
435 hammers K2AOQ 416 2 6 1,644 WNY	Bankhead ARC N4IDX 387 2 12 1,326 AL	Harrisburg Radio Amateurs Club W3W 140 2 31 1,038 EPA	Southwest Missouri ARC W0QMF (+W0RMS) 156 2 12 612 MO
Parkersburg AR Klub N8NBL 348 2 28 1,626 WV	FL Atlantic Univ ARC/BRARA K4FAU (+WB4QN) 314 2 30 1,320 SFL	Clinton AR Service KJ4TRK 167 2 31 1,034 TN	Phillips Cty ARC W0ZXN 80 2 14 610 KS
West River RC WR1VT (+W1CWB) 345 2 28 1,622 VT	Bryan ARC W5BCS 365 2 35 1,316 STX	Pahrump AR Repeater Assn K1NV 296 2 11 1,034 NV	Red River Radio Amateurs W0ILO 155 2 10 602 ND
Hiawatha ARA of Marquette Cty K8LOD (+KD8MAE) 361 2 21 1,618 MI	Shuswap ARC & North Okanagan Radio Amateur Club VE7RAW (+VE7DNG) 172 2 18 1,316 BC	3 HAMS WA8FZZ 220 2 3 1,034 NC	Cascade Radio Group N7CFO 100 2 10 600 EWA
Littleton Area Radio Klub K1EME 326 2 10 1,602 NH	Santa Clarita ARC W6JW 194 2 25 1,308 LAX	Alamogordo ARC K5LRW 212 2 30 1,020 NM	Pittsburg Repeater Org K0PRO 73 2 7 596 KS
Gainesville ARS K4GNV (+KC4MHH) 290 2 20 1,596 NFL	WARA VE7VCC 331 2 11 1,308 BC	River City ARA K4K 135 2 12 1,020 KY	NW Hall Contesters N4YT 170 2 5 590 GA
Half Moon Bay ARES WR6HMB 392 2 15 1,592 SCV	ARC of Augusta W4WD 188 2 12 1,304 GA	Club de Radio Amateur Outaouais Inc VE2CRO (+VE2SY) 314 2 20 1,018 QC	Big Rapids Area ARC N8OE 90 2 12 570 MI
Kamloops ARC VE7UT 324 2 10 1,590 BC	Michigan City Porter & LaPorte City W9SAL (+W9LY) 272 2 25 1,298 IN	N9TO 215 2 4 1,012 IL	W0AHO 217 1 12 567 NE
Trident ARC N4EE (+W4ANK) 270 2 25 1,586 SC	Edison AR Network W6SCE 424 2 12 1,286 LAX	Penasco Valley ARC K5PVR 227 2 11 1,010 NM	Nassau Cty ARES W4NAS 45 2 15 540 NFL
Winona ARC W0NE 217 2 25 1,584 MN	Ogle Cty ARES W9GD 308 2 5 1,278 IL	Kingsport ARC W4TRC 305 2 15 1,010 TN	Nantucket ARA N1NBQ 74 2 5 516 EMA
Greater Nebraska ARL K0GNE 221 2 7 1,574 NE	RADOPS of El Jebel Shrine K0FEZ 320 2 17 1,274 CO	TARA K3TAR 379 2 6 1,008 EPA	Wellesley ARS W1TKZ 62 2 21 506 EMA
VE7AFA (+VE7GMG) 503 2 25 1,560 BC	Laurel ARC W3LRC 277 2 10 1,262 MDC	Stanly Cty ARC K4QGB 310 2 14 1,008 NC	Bayouland Emergency ARS W5BMC 28 2 9 506 LA
SC4 ARC W6SCF 332 2 44 1,556 SCV	Central Missouri RA K0SI 245 2 30 1,260 MO	W6WB 224 2 16 1,000 SJV	Seattle American Red Cross Comm Team W7DAO 177 2 3 504 EWA
Gold Coast ARA N4FL 320 2 55 1,554 SFL	Paulding ARC W4TIV 201 2 15 1,252 GA	Panoramaland ARC K7JAR 337 2 13 984 EWA	Panama City ARA W4RYZ 47 2 5 502 NFL
W5AUJ 450 2 25 1,550 AR	Convair/220 ARC W6UUS 297 2 30 1,248 SDG	Woodford Cty ARC K4YWC 105 2 23 980 KY	Brookby ARG W1BBV 41 2 5 482 EMA
Maumee Valley CC W8OH 598 2 3 1,546 OH	BARC K2EC 347 2 20 1,244 NLI	Renrew Cty ARC VA3NRR 159 2 28 976 ON	University ARC N7UW 91 2 24 482 WY
Bears Seattle K7NWS (+N7XTL) 285 2 14 1,536 WWA	Mayerthorpe Flying Tigers VE6FT 492 1 13 1,243 AB	Martinez ARC KF6HTE 159 2 25 968 EB	Virginia Tech ARA K4KDJ 115 2 4 480 VA
Dayton ARA W8BI (+W8HEQ) 424 2 55 1,528 OH	Moosehorn ARC AL7LE 196 2 30 1,242 AK	Flood Street Irregulars N7N 205 2 3 962 UT	Conneaut ARC W8BHZ 59 2 7 468 OH
Northeast WY ARA NE7WY 298 2 19 1,526 WY	Rio Hondo ARC W6GNS 294 2 16 1,234 LAX	Manhattan Area ARS K50MAN 240 2 10 956 KS	Richmond ARC W4ZA 19 2 25 458 VA
Egyptian RC W9AIU 285 2 23 1,524 IL	Anoka Cty RC W0YFZ 234 2 33 1,228 MN	Gulf Coast ARC W4GDN 182 2 41 952 WCF	Pontotoc Cty ARA KE5BWG 60 2 13 420 OK
Sand Hill ARC W0MI 288 2 25 1,520 KS	Milford ARC W8YDK (+K8GFFN) 204 2 10 1,226 MI	Owen Cty ARA K9EOH 99 2 6 944 IN	Lorain Cty ARA K8BED 68 2 14 386 OH
Northwest OH ARC, Inc. W8EQ 304 2 12 1,520 OH	Ogden ARC W7SU 367 2 44 1,220 UT	Flint Hills ARC W2DQ 135 2 27 920 NLI	Heritage Harbour ARS K3TEZ 54 2 9 378 MDC
OCRACES W6ACES (+W6HK) 294 2 14 1,502 ORG	Crescenta Valley ARC & Glendale Em Auxiliary Radio Service AD6IZ (+AE6VX) 238 2 15 1,220 LAX	Flint Hills ARC K80VAC 172 2 5 918 KS	Mid-State ARC N9LC 65 2 6 180 IN
Ogensburg ARC K2RUK 279 2 14 1,498 NNY	Clinton Cty ARC W9AH 248 2 25 1,216 IN	Winnipeg ARC VE4BB 162 2 62 914 MB	
Chattanooga ARC W4AM 419 2 15 1,488 TN	Heart of TX Ham Operators Group W5HOT 160 2 6 1,216 STX	Washington Area ARC W0ARC (+AB0DX) 174 2 24 908 IA	
Indian Hills RC W8DDD 277 2 8 1,482 OH	Flathead Valley ARC K7LYY 369 2 7 1,210 MT	Watertown ARC N9HR 193 2 14 900 WI	
Rains ARA/ Hopkins Cty ARC W5ENT 180 2 20 1,472 NTX	Sweetwater ARC WY7U 299 2 10 1,208 WY	Pioneer AR Fellowship W8CTT 117 2 5 894 OH	
Northwest AR & Electronics Assn W0KE 388 2 26 1,466 MO	K6SRA 124 2 6 1,204 SCV	Jim Bell Wireless Assn K4TNS (+W4TDE) 82 2 6 874 AL	
Pitt Community College ARC K4PCC 271 2 9 1,464 NC	WM5T (+WB5NET) 205 2 17 1,200 LA	Alger ARC K8BAN 186 2 15 862 MI	
		North Jeffco ARC KD0KOB 154 2 6 858 CO	



San Fernando Valley ARC W6SD (+KJ6CNK) 691 2 48 3,312 LAX	AF6AV 1098 2 6 2,562 SDG New Bern ARC W4EWN 457 2 23 2,556 NC Milton ARC W4VIY 688 2 10 2,526 NFL Delta ARC W4BS (+W4GMM) 648 2 85 2,524 TN Oakland Radio Comm Assn W6WOR 553 2 45 2,512 EB CVARA W2RME (+W2MK) 353 2 27 2,496 WNY New River Valley ARC N4NRV 538 2 8 2,494 VA Spartanburg ARC K4II 559 2 32 2,448 SC Dubois City ARC N9NAU 551 2 25 2,380 IN Troy ARA N2TY 482 2 52 2,376 ENY North Port ARC W4NPT 444 2 19 2,370 WCF Chatham-Kent ARC VE3CRC 466 2 19 2,366 ON Scranton Pocono Amateur Radio Klub K3CSG (+NA2T) 625 2 31 2,346 EPA Jayhawk ARS W0LB 470 2 30 2,330 KS Black Rock Mountain FD Group K4T 655 2 5 2,320 GA N3IS 599 2 25 2,314 EPA Clark City ARC W9WWI (+N9UGP) 365 2 61 2,312 IN South Bay ARC W6SBA 651 2 28 2,290 LAX Hamvaders W9DKB 570 2 3 2,284 WI KM5PS 458 2 40 2,272 AR Wyandot Area Ham Operators Org K8B8NV (+K8B8FLT) 359 2 10 2,254 OH 490 2 10 2,252 WWA Nutley ARS W2GLQ 625 2 8 2,240 NJ Lillian ARG K4DEY 392 2 11 2,212 AL Navarre CERT ARC KC4ERT 444 2 20 2,202 NFL Lambton City RC VE3SAR 567 2 22 2,180 ON Eatons City ARC K8CHR 528 2 16 2,174 MI Dallas ARC W5FC 413 2 49 2,160 NTX Dixie AR Team KESWEE 604 2 54 2,138 MS Wilson ARC WC4AR 434 2 15 2,122 TN Club Radio Amateur de Quebec VE2CQ 500 2 35 2,108 QC Aeronautical Center ARC W5PAA 359 2 32 2,100 OK Grumman ARC WA2LQO 527 2 12 2,088 NLI Lake Erie ARA WB8CQR 488 2 7 2,082 OH Wide Area AR Network W1R 519 2 11 2,054 ME Cumberland Valley ARC W3ACH 342 2 54 2,046 WPA W7DRC 569 2 7 2,026 UT Borderline ARC W7BAR (+AD7OW) 510 2 30 2,020 UT K6AGF (+NU6Z) 449 2 24 2,018 ORG St Genevieve City ARC K0QOD (+N0ANA) 324 2 14 2,010 MO Cherryville Repeater Assn II W2CRA 342 2 30 1,996 NJ Schenectady Museum ARA W2IR (+KC2VWVW) 422 2 15 1,994 ENY Iowa City ARC W0JV 499 2 17 1,986 IA Ft Herkimer ARA W2FHA (+N2ZWO) 325 2 17 1,974 WNY San Gorgonio Pass ARC W6PRC (+WA6MOD) 255 2 35 1,974 ORG Burlington City RC K2TD (+AK2S) 364 2 35 1,956 SNJ Fort Armstrong Wireless Assn K3TRK 595 2 20 1,954 WPA Leeds Area Hams AG4ZV 576 2 7 1,952 AL Springhill ARC, Inc. N5II 456 2 4 1,944 LA VE9ND 337 2 15 1,940 MAR West Santa Barbara ARES W9EC 539 2 28 1,936 SB Huntington City ARS K9HC 444 2 18 1,928 IN LVSRA / AARG K3LV 422 2 32 1,924 EPA	Reading RC, Inc. W3BN 368 2 44 1,906 EPA Bill Greenmill Memorial RC K4NRC (+K4PMR) 476 2 32 1,890 GA Brownwood ARC K5BWD (+AE5HP) 422 2 40 1,876 NTX Peconic ARC W2AMC 438 2 35 1,876 NLI Western Lake Country ARS W9WLC 518 2 14 1,866 IL Chicago Suburban RA N9BAT 404 2 28 1,864 IL Irving ARC N5BB 336 2 35 1,864 NTX COARES K8DDG (+WA8RES) 446 2 38 1,810 OH Hampton Public-Service Team W4HPT (+W4QR) 306 2 48 1,804 VA Binghamton ARA W2OW 437 2 25 1,796 WNY Newington ARL NA1RL (+W1OKY) 339 2 15 1,784 CT Peace River Radio Assn W4DUX 450 2 35 1,780 WCF Shoreline ACS W7AUX 369 2 17 1,762 WWA RAS of Norfolk W4NPS (+KJ4OLW) 352 2 10 1,760 VA Sierra Foothills ARC W6EK (+AE6LR) 331 2 18 1,760 SV Kings City RC W2RAK 331 2 8 1,744 NLI WAFAR W9FT 495 2 22 1,740 IL Southern Oregon ARC K7LIX (+WM7K) 413 2 10 1,738 OR Valley of the Moon ARC W6AJF 381 2 10 1,730 SF N8ARA 419 2 28 1,708 OH Cass City Area Hams N0UMP 324 2 3 1,700 MO Rappahannock ARA K4YM 336 2 14 1,692 VA Onslow ARC NC4OC 346 2 4 1,690 NC CTARC W85YF 270 2 12 1,690 OK Corona PD CSV Team W6CPD 607 1 15 1,688 ORG Metropolitan ARC K8NOW 421 2 11 1,680 MI Southwest MO ARC W0EBE 333 2 50 1,678 MO Nashville ARC Inc K4CPO 212 2 32 1,668 TN Randolph ARC NC4ZO 286 2 61 1,664 NC Bloomfield ARC W1CWA 296 2 8 1,662 CT Barrie ARC VE3GCB 370 2 15 1,658 ON Holmesburg ARC K3FI 372 2 15 1,658 EPA Lake Washington Ham Club K7LWH 262 2 56 1,640 WWA Desert Radio Amateur Transmitting Society W6GRAT 379 2 17 1,638 ORG Pioneer ARC K0JFN 255 2 10 1,622 NE WFARC/NTWG N5WEB 423 2 9 1,606 NTX San Angelo ARC W5QX (+NS5CBQ) 289 2 46 1,594 WTX Laurel ARS KJ4ND 351 2 15 1,540 KY Matanuska ARA KL7JFU 379 1 26 1,536 AK Fallbrook ARC N6FQ 416 2 40 1,536 SDG Lafayette City ARES K80NH (+NV0U) 236 2 17 1,522 MO Hiawatha Valley RC N0DH 255 2 20 1,518 MN Naval Research Lab ARC W3NKF 344 2 8 1,514 MDC Shiawassee ARA W8QQQ 300 2 7 1,510 MI Humboldt ARC KD6LM 291 2 40 1,510 SF W4POX 48 2 24 1,504 VA W5CCW 223 2 6 1,500 MS Genesis ARS N1ZIZ (+KB1FVR) 152 2 26 1,494 EMA Hammin' Sams K0HSC (+W0MHP) 320 2 12 1,494 CO Clay City ARC W0TE 543 2 12 1,488 MO Lewis-Clark ARC W7VJD 208 2 42 1,486 EWA	Whitley City ARC WC9AR 390 2 40 1,480 IN Soc of Newfoundland Radio Amateurs/ Avalon RAC VO1AA 155 2 16 1,472 NL South Park Marauders WV0H 397 2 16 1,468 CO Coos City RC K7CCH 295 2 35 1,464 OR Madison-Oneida ARC W2MO 220 2 16 1,444 WNY Luce Moose-cateers W8NBY 391 2 15 1,442 MI Dugger ARC KC9AK (+K9PIE) 335 2 15 1,440 IN LCSARO W7EUG 385 2 23 1,440 OR Lakeway ARC W2IQ (+W0FES) 286 2 37 1,428 TN Montacussett ARC W1GZ 190 2 9 1,394 WMA Aroostook ARA K1FS 285 2 28 1,388 ME Webster County ARES K0S (+KC00KO) 216 2 24 1,382 MO Tri-State AR Group W5OKT 259 2 15 1,380 OK AARC/ARCC N5VA (+K5SRHR) 344 2 32 1,378 NM Moore County ARS NC4ML 154 2 15 1,376 NC Voice of Rockvale W8DQ 361 2 7 1,368 TN LAARK K5LRK 362 2 11 1,358 NTX Somerset City ARC K3SMT (+NS3HS) 379 2 25 1,352 WPA Idaho FD Group W7RNF 988 1 3 1,338 ID Insurance City Repeater Club K1DFS 321 2 14 1,324 CT Polk City ARA N9XH 156 2 11 1,324 WI Easton ARS K3EMD 214 2 19 1,322 MDC Kachina ARC W7EH 328 2 10 1,316 AZ NM High Desert ARC NM5HD 381 2 35 1,312 NM Wichita ARS N5WF 250 2 20 1,300 NTX Yellow Thunder ARC WB9FDZ 348 2 10 1,296 WI Tri-County CW ARC W3TCW 282 2 18 1,274 WPA W4ATC 372 2 8 1,230 NC Copper Country Radio Amateur Assn W8CDZ 180 2 27 1,226 MI Sun Parlour ARC VE3SPR 147 2 25 1,196 ON W8DF 395 2 20 1,190 MI Dawg Days Group W6BIV 204 2 4 1,182 SB Lake Wales Repeater Assn K4LKW 100 2 26 1,176 WCF Bear Bait RC WA2DAD 198 2 6 1,174 NNY Murray City ARC KD0XB 134 2 14 1,162 MN Piqua ARC W8SWS 161 2 15 1,160 OH ARC of Savannah W4HBB 120 2 27 1,140 GA Cumberland EmComm Operators' Club KC2TXB 161 2 7 1,134 SNJ Radio Amateurs of Corry W3YXE 141 2 11 1,132 WPA Hall of Science Amateur Radio Club WB2JSM 284 2 20 1,130 NLI W6BA (+AE6SG) 173 2 5 1,116 ORG Benton City Radio Operators KD5DMT 112 2 12 1,074 AR Independent RC WA6IRC 210 2 30 1,070 LAX San Juan City ARS N7JN 168 2 38 1,066 WWA Cascades ARS W8JXN 218 2 15 1,036 MI Bluegrass ARS K4KJQ 237 2 19 1,020 KY Radio Amateurs of Skagit County N7GDE (+W7ABF) 124 2 20 1,008 WWA Buffalo AR Repeater Assn W2EUP 212 2 17 1,002 WNY K4PAY 206 2 7 996 VA Northern Lakes ARC K0GPZ 234 2 35 996 ND The Atlanta IBM ARC W4IBM 185 2 10 994 GA Southside ARC N0HV 128 2 22 992 MO Mile High RC KN6JV 76 2 13 984 ORG
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Capital City ARC  
W7TCK (+W7MRI) 143 2 24 1,484 MT

Thumb ARC  
W8AX 240 2 42 1,480 MI  
Columbus ARC  
W9ALQ (+W9SCI) 224 2 24 1,450 IN

Durant Amateur Repeater Assn  
K5KIE 292 2 13 1,434 OK  
ARC of Anderson  
NC6I 214 2 57 1,394 SV  
Maxim Ham Club  
K7AKP 710 1 7 1,384 OR  
San Antonio RC  
W5SC 199 2 24 1,286 STX  
AD4X 169 2 10 1,262 KY

Haywood City ARG  
K14BXI 66 2 35 1,252 TN  
Radio Amateurs of The Gorge  
W7RAG 129 2 34 1,248 OR  
North GA Tri-State ARC  
W4NGT (+AJ4YH) 205 2 8 1,248 GA

Bellevue ARC  
W0WYV 230 2 19 1,242 NE  
Northwest GA ARC  
W4VO 110 2 6 1,210 GA  
TriCities ARC  
W7AZ 166 2 7 1,184 EWA  
Maple Ridge ARC  
VE7CMR 292 2 15 1,174 BC  
Grays Harbor ARC  
W7ZA 246 2 28 1,128 WWA  
Great Falls ARC  
W7ECR 172 2 9 1,120 MT  
Allegan Cty ARC  
AC8RC (+KD8LZT) 152 2 21 1,106 MI

Northern Colorado ARC  
W0UPS 183 2 21 1,102 CO  
Northeastern Indiana ARC  
W9OU 238 2 12 1,078 IN  
JonesTown Mtn Repeater Assn  
N3CSE 231 2 12 1,036 EPA  
DARA Site 2  
AC8DE 222 2 10 1,002 OH  
Headwaters ARC  
N3PC 206 2 15 1,002 WPA  
Mountain Rangers  
N7TCO 290 2 4 980 EWA  
Ogemaw Arenac ARS  
K8OAR 178 2 13 956 MI  
Superstition ARC  
WB7TJD 71 2 10 934 AZ  
Honeywell-Glendale ARC  
K7HON 265 2 11 930 AZ  
Sequoia ARG  
N6KRV 134 2 6 878 SJV  
Altus Area ARS  
AJ5Q 56 2 12 862 OK  
Clare Cty Emergency Management  
K8BDCJ 80 2 20 860 MI  
Katy ARS  
KT5TX 69 2 25 834 STX  
Jungle Jims  
K9VSO 109 2 8 822 WI  
KC2QVQ 207 2 6 814 WNY

Delaware Valley Ragchew Club  
N2HOX 34 2 12 768 SNJ  
KC7YSW 36 2 8 722 ORG  
Ozark Repeater Assn  
K4OZK 93 2 6 684 AL  
Northwoods AR Group  
KD0JFI 101 2 10 678 MN  
WA6YBN 77 2 14 236 ORG

**4A Battery**

St Louis QRP Society  
NF0R 326 5 10 4,410 MO  
Portland ARC  
W7LT 452 5 16 4,135 OR  
Friends Of The 045 Repeater  
W6V 300 5 13 2,690 EB  
Seaside Tsunami ARS  
WA7VE (+WA7FIV) 190 5 61 2,170 OR  
K7SI 131 5 4 1,755 ID

**4A Commercial**

Western Tidewater RA  
W4TRA 1510 2 30 4,000 VA  
RL Drake ARC  
K8UU 1055 2 17 3,272 OH  
Scioto Cty ARES / PRC  
N8QA 1379 2 7 2,926 OH  
Milledgeville ARC  
W4M 839 2 15 2,682 GA  
Drake State Technical College ARC  
N4DTC 936 2 7 2,520 AL  
Hazleton Anthracite Repeater Assn  
W3SJI 597 2 20 1,876 EPA  
DCAR  
KD0LDI (+K0RGT) 331 2 25 1,694 MO  
W5KS (+K5USA) 516 2 25 1,648 OK  
Four Cty ARES  
NC4CA (+NC4CA) 460 2 7 1,470 NC  
Ashland Area Amateur Call  
N8IHI 400 2 12 1,266 OH

Black River ARC  
K8BRC 377 2 10 1,204 MI  
WCLARC  
WM5X 272 2 33 932 LA  
Foot hills ARS  
VE6FAR 130 2 22 610 AB

**5A**  
Port City ARC  
K1R (+W1WQM) 6206 2 40 19,638 NH  
Loudoun ARG  
K4LRG (+AJ4EY) 3757 2 57 13,674 VA  
North Shore RA  
NS1RA (+KB1PAL) 3707 2 70 13,666 EMA  
VA Beach ARC and VADXCX  
W4UG (+K4IX) 3355 2 60 10,922 VA  
Ozaukee Radio Club SSC  
W9LO (+AA9W) 3112 2 43 10,624 WI  
Cherryland ARC  
W8TCM 3242 2 35 8,534 MI  
Ft Smith Area ARC  
W5ANR 2443 2 38 8,326 AR  
Columbus ARC & Russell Cty RC  
W4AN (+W4CVY) 1684 2 49 7,862 AL  
Arrow Comm Assn  
W8UM (+W8PGW) 1865 2 50 7,584 MI  
St Petersburg ARC  
W4TA 1662 2 35 7,018 WCF  
Catalina RC  
W7SA (+AK7AZ) 1909 2 105 6,712 AZ  
Phil-Mont Mobile RC  
W3EM (+W3PSH) 1747 2 40 6,344 EPA  
Hazel Park ARC  
W8HP (+W8JXU) 1674 2 35 6,302 MI  
Schenectady ARA  
K2AE (+W2UI) 1537 2 36 6,268 ENY  
L'Anse Creuse ARC  
N8LC 1777 2 22 5,474 MI  
Smoky Mt ARC  
W4OLB 1179 2 21 5,446 TN  
Highlands Cty ARC  
K4W (+KD4GMK) 1263 2 25 4,900 WCF  
Two Rivers ARC  
W3OC 1178 2 21 4,806 WPA  
Sun Parlour Retirees ARC  
VE3OW 1623 2 25 4,486 ON  
Owatonna Steele Cty ARC  
N0UW (+N0RPI) 1057 2 25 4,250 MN  
Niagara Peninsula ARC, Inc.  
VE3VM (+VE3ROW) 1521 2 30 4,194 ON  
Cambridge ARC  
VE3SWA 999 2 5 4,144 ON  
Iredell Cty ARS  
W4SNC 1091 2 25 3,910 NC  
Twin City ARC  
K9CU 976 2 40 3,880 IL  
Tipp City AR Group  
K8ZC 741 2 10 3,640 OH  
Bellbrook ARC  
W8DGN 808 2 68 3,506 OH  
Kern Cty Central Valley ARC  
W6LIE 941 2 56 3,460 SJV  
Starved Rock RC  
W9MKS (+K9ZQ) 616 2 67 3,456 IL  
Wheaton Community Radio Amateurs  
W9CCU 896 2 15 3,454 IL  
South Pickering ARC  
VE3SPC 1057 2 20 3,364 ON  
Sheboygan Cty ARC  
W9VCL (+AB9FT) 729 2 15 3,260 WI  
Alford Memorial RC  
W4BOC (+KJ4QIB) 644 2 100 3,242 GA  
RA of Greater Syracuse  
W2AE 591 2 45 3,180 WNY  
Citrus Belt ARC  
W6JBT 644 2 21 2,962 ORG  
Wood Cty EmComm  
WC8EC 543 2 25 2,826 WV  
Maury ARC  
W4GGM 514 2 20 2,728 TN  
Athens ARC - NE Georgia ARC  
W4G (+NE4GA) 557 2 28 2,702 GA  
Alexandria RC  
W4HFH 636 2 25 2,568 VA  
Wayne Cty ARA  
K4CYP 546 2 26 2,530 NC  
Bridgerland ARC  
W7IVM 539 2 30 2,488 UT  
Kendall ARS  
KB5TX 499 2 13 2,482 STX  
Sangamon Valley RC  
W9DUA 649 2 40 2,456 IL  
Whitman ARC, Inc.  
W1N 614 2 34 2,362 EMA

Clinton / Highland ARAs  
W8O (+W8GO) 446 2 45 2,348 OH  
Alphalpha Repeater Group &  
Lealman Fire CERT  
W4A 408 2 18 2,316 WCF  
Tri-Cty Amateurs  
KC9OLF 566 2 21 2,232 IN  
Crawford Cty ARC  
W8BAE 632 2 27 2,134 OH  
RF Hill ARC  
W3AI 431 2 16 2,052 EPA  
Kent ARS  
K3ARS (+N3WGC) 296 2 23 2,044 MDC  
W6RHC (+KJ6HCG) 282 2 9 2,038 SV  
Sun City ARC  
K5WPH 482 2 25 1,944 NM  
International Brotherhood Radio Operators  
KD8KNX 343 2 22 1,902 OH  
Riverside Radio Amateurs  
WA8RRA 322 2 14 1,824 MI  
Regional EmComm & Weather Assn  
W2W2FD 539 2 6 1,778 ENY  
Int'l Radio Consortium of the Mystical Town  
of Waugh  
W9B 484 2 18 1,776 IN  
London ARC  
VE3LON 345 2 49 1,750 ON  
Issaquah ARC  
W7BI (+AJ4AD) 192 2 15 1,728 WWA  
Chelsea ARC  
WD8IEL 328 2 11 1,720 MI  
ARCs of Spokane  
N7LC (+K7YY) 194 2 50 1,716 EWA  
Kent Muskegon Ottawa Cty RACES  
K8WNJ 303 2 12 1,698 MI  
Bolingbrook ARS  
K9BAR 244 2 36 1,688 IL  
Mount Vernon ARC  
K4US 244 2 7 1,488 VA  
Sunset Empire ARC  
W7BU (+WA7PIX) 215 2 10 1,480 OR  
Ak-Sar-Ben ARC  
K0USA 248 2 21 1,464 NE  
Outdoor Adventure USA  
K16ZQL 332 2 25 1,414 ORG  
Johnston Cty ARS  
K4SWR 250 2 30 1,360 NC  
VE3WOM 394 2 10 1,338 ON  
Western Placer ARC  
K6PAC 209 2 37 1,320 SV  
Kings Cty Repeater Assn  
KC2RA 155 2 22 1,282 NLI  
Lancaster & Fairfield Cty ARC  
K8QIK 116 2 23 1,262 OH  
Duval Cty ARES/BARS  
K4D 169 1 10 1,129 NFL  
Western Reserve ARC  
W8WRC 50 2 20 1,108 OH  
TCARES  
K6TUE 298 2 40 1,058 SJV

**5A Battery**  
Zuni Loop Mtn Expeditionary Force  
N6GA 958 5 9 9,145 LAX

Forsyth ARC  
W4NC (+W4WS) 1023 5 22 8,430 NC  
McMinnville ARC /YCARES  
W7YAM 237 5 12 2,725 OR  
North Coast ARC  
N8NC 219 5 35 2,325 OH  
Alamo Area Radio Organization  
AA5RO (+W5QS) 91 5 67 1,780 STX  
Houston QRP Club  
W5MSQ 91 5 16 1,420 STX

**5A Commercial**

Sawnee ARA  
N4NE 2497 2 114 7,904 GA  
Wisconsin ARC  
W9CQ (+KC9SLL) 625 2 11 2,450 WI  
W5TCR 343 2 10 1,360 MS  
Iowa Great Lakes ARC  
W0DOG 195 2 6 640 IA

**6A**  
Woodbridge Wireless  
W4IY 4072 2 30 13,308 VA  
South Jersey Radio Assn  
K2AA (+W2EA) 3635 2 27 12,856 SNJ  
Mike & Key ARC  
K7LED (+AB7HA) 3230 2 76 9,632 WWA  
Fox River Radio League  
W9NE (+W9CEQ) 1979 2 45 8,240 IL  
Findlay RC  
W8FT (+NA8W) 1848 2 33 7,726 OH  
Orlando ARC  
W1SE (+W3PLB) 1890 2 28 7,240 NFL  
Lake Monroe ARS  
N4EH (+KJ4QOX) 2126 2 80 6,696 NFL  
Fort Wayne RC  
W9TE (+K9RFZ) 1675 2 50 6,588 IN  
Central Mass ARA  
W1BIM 1659 2 21 6,230 WMA  
Delta ARS  
VE7SUN (+VE7TJL) 1290 2 15 5,318 BC  
Fountain Valley Amateur Comm Team &  
West Coast ARC  
WA6FV 1320 2 26 5,292 ORG  
Andrew Johnson ARC  
W4WC (+AG4OB) 1215 2 22 5,056 TN  
ARA of Southwest FL  
W4F 1664 2 29 4,426 SFL  
Silver Springs RC  
K4GSO 1414 2 20 4,234 NFL  
Columbia ARC  
W4CAE (+AL7MO) 791 2 55 3,730 SC  
W4LX (+KJ4MUY) 986 2 25 3,634 SFL  
Brantford ARC  
VE3BA 1249 2 9 3,512 ON  
Fulton County ARC  
K8BXQ 885 2 10 3,434 OH

PETE THEILER, K14KN



Ninety year old Fritz Nitsch, W4NTO, the oldest member and one of the founders of the Spartanburg Amateur Radio Club, K4II, handles some of their PR responsibilities.







