

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

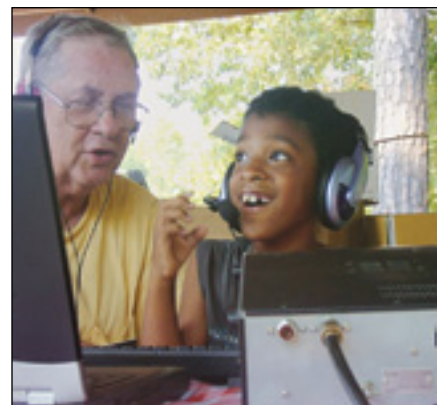
reported for 2010. That translates to 34.9% of groups eligible to employ one did so. We suspect that many of those GOTA operators will look back at Field Day 2010 as *The Night I Painted the Sky*.

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 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. 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 W9QYQ 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 AC4ARC (+W3NZ) 796 2 20 3,610 NC	W4UOT (+AJ4QR) 463 2 37 2,500 TN	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	Sierra Blanca ARC KR5NM (+K5RIC) 488 2 20 2,498 NM	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	Pine State ARC N1ME (+W1JFF) 663 2 45 2,482 ME	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	AC4XQ 876 2 14 2,458 SFL	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	AK9G (+WX9PAL) 598 2 17 2,452 IL	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	VE3RC 780 2 50 3,522 ON	Muscataine ARC N2AM (+K0BDU) 637 2 17 2,442 IA	Okaw Valley ARC KK9N (+W9KXQ) 433 2 15 1,988 IL
Oregon High Desert CC K7AW 1310 2 3 5,020 OR	Minden ARA N5RD (+KA5KBP) 1081 2 15 3,480 LA	Port St Lucie ARA W8HW 732 2 25 2,434 SFL	NHRC ARS W1CUM 594 2 11 1,980 NH
Clay Center ARC & Waltham ARA W1CLA (+W1MHL) 1400 2 28 5,000 EMA	Green River Valley ARS K9WM 911 2 12 3,434 IL	Mich-A-Con ARC KC8VC (+K9TRY) 479 2 10 2,424 MI	W8DO 525 2 10 1,952 MI
Mountaineer ARA W8SP 1310 2 23 4,988 WV	The Villages ARC K4VRC (+K14DYE) 679 2 60 3,428 NFL	Goddard ARC WA3NAN (+N3RLL) 570 2 13 2,422 MDC	Neptune ARC W2NRC (+N2GT) 297 2 48 1,944 NNJ
Koolau Amateur RC KH6J 1388 2 25 4,978 PAC	Charlestown ARES KA1RI (+KW2G) 719 2 20 3,414 RI	Oroville ARS W6AF 617 2 23 2,408 SV	Riverside Cty ARA W6TJ 413 2 37 1,934 ORG
TN Valley DX Assn W4PL (+WA4AA) 1087 2 42 4,958 TN	Pearl River Cty ARC W5PMS (+KR5T) 953 2 22 3,404 MS	South Wahkiakum ARS WW7LW 652 2 5 2,402 WWA	M&M Amateur Radio Club W8PIF 831 1 44 1,931 MI
W3MIE (+N3OQH) 1277 2 46 4,950 WPA	Kent Cty ARC W3HZW (+KE3UY) 638 2 35 3,320 DE	Englewood ARS N4EAR 579 2 16 2,386 WCF	Arlington ARC K5SLD (+AE5PC) 382 2 72 1,918 NTX
Rochester Oakland CERT K8ED 1192 2 14 4,936 MI	Sudbury ARC VE3ZI 903 2 14 3,274 ON	North Coast Contest Club AA8BV 603 2 4 2,344 OH	Iroquois Cty ARC W9RWX (+W9GRS) 317 2 31 1,910 IL
Lakes Region Repeater Assn W1UR (+W1BST) 1679 2 38 4,860 NH	VE7RAR (+VE7ODY) 599 2 29 3,196 BC	South Baldwin ARC AF41 469 2 21 2,340 AL	Delaware Valley RA W2ZZQ (+KB2SYB) 320 2 56 1,910 SNJ
Vintage Iron RC N3KR (+N3OD) 1686 2 6 4,842 NNJ	Bladen ARS W4BLA 865 2 25 3,186 NC	Franklin Cty ARC WE4A 525 2 15 2,298 NC	Johnson City ARA W4ABR 304 2 35 1,904 TN
Williamsburg Area ARC K4RC (+K6OWD) 1232 2 31 4,834 VA	Valencia Cty ARA K5OUR (+KC5OUR) 651 2 97 3,168 NM	Tyler ARC K5TYR (+W5ETX) 433 2 45 1,904 NC	W4BFB (+NC4DP) 433 2 45 1,904 NC
Dickson Cty ARC WC4DC (+AF4YL) 1094 2 13 4,828 TN	South Kitsap ARC N7IG (+N7CQ) 745 2 22 3,146 WWA	Sportsman's Paradise ARC K4WAK 460 2 12 2,278 NFL	Renton Em Comm Service K7FDF (+K7OTV) 322 2 21 1,900 WWA
	Eastern Panhandle ARC K8EP (+N3JDR) 867 2 17 3,122 WV	Bedford ARC K5BED 416 2 48 2,276 NTX	Moreno Valley ARA AB6MV (+K16SOT) 385 2 30 1,900 ORG
		Decatur ARC W4ATD 753 2 10 2,276 AL	N0ZS 524 2 26 1,898 MO
		San Jose ARES/RACES/ACS W6SJC (+KF6IY) 532 2 42 2,266 SCV	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 W3DE 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 K5RKW 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	KB6DMZ 88 2 14 626 ORG
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	Southeast Missouri ARC W0QMF (+W0RMS) 156 2 12 612 MO
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	Phillips Cty ARC W0ZXN 80 2 14 610 KS
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	Red River Radio Amateurs W0ILO 155 2 10 602 ND
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	Cascade Radio Group N7CFO 100 2 10 600 EWA
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	Pittsburg Repeater Org K0PRO 73 2 7 596 KS
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	NW Hall Contesters N4YT 170 2 5 590 GA
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	Big Rapids Area ARC N8OE 90 2 12 570 MI
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	W0AHO 217 1 12 567 NE
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	Nassau Cty ARES W4NAS 45 2 15 540 NFL
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	Nantucket ARA N1NBQ 74 2 5 516 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	Wellesley ARS W1TKZ 62 2 21 506 EMA
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	Bayouland Emergency ARS W5BMC 28 2 9 506 LA
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	Seattle American Red Cross Comm Team W7DAO 177 2 3 504 EWA
Maumee Valley CC W8OH 598 2 3 1,546 OH	Convair/220 ARC W6UUS 297 2 30 1,248 SDG	Woodford Cty ARC K4YWC 105 2 23 980 KY	Panama City ARA W4RYZ 47 2 5 502 NFL
Bears Seattle K7NWS (+N7XTL) 285 2 14 1,536 WWA	BARC K2EC 347 2 20 1,244 NLI	Renrew Cty ARC VA3NFR 159 2 28 976 ON	Brookby ARG W1BBV 41 2 5 482 EMA
Dayton ARA W8BI (+W8HEQ) 424 2 55 1,528 OH	Mayerthorpe Flying Tigers VE6FT 492 1 13 1,243 AB	Martinez ARC KF6HTE 159 2 25 968 EB	University ARC N7UW 91 2 24 482 WY
Northeast WY ARA NE7WY 298 2 19 1,526 WY	Moosehorn ARC AL7LE 196 2 30 1,242 AK	Flood Street Irregulars N7N 205 2 3 962 UT	Virginia Tech ARA K4KDJ 115 2 4 480 VA
Egyptian RC W9AIU 285 2 23 1,524 IL	Rio Hondo ARC W6GNS 294 2 16 1,234 LAX	Manhattan Area ARS K50MAN 240 2 10 956 KS	Conneaut ARC W8BHZ 59 2 7 468 OH
Sand Hill ARC W0MI 288 2 25 1,520 KS	Anoka Cty RC W0YFZ 234 2 33 1,228 MN	Gulf Coast ARC W4GDN 182 2 41 952 WCF	Richmond ARC W4ZA 19 2 25 458 VA
Northwest OH ARC, Inc. W8EQ 304 2 12 1,520 OH	Milford ARC W8YDK (+K8GFN) 204 2 10 1,226 MI	Owen Cty ARA K9EOH 99 2 6 944 IN	Pontotoc Cty ARA KE5BWG 60 2 13 420 OK
OCRACES W6ACES (+W6HK) 294 2 14 1,502 ORG	Ogden ARC W7SU 367 2 44 1,220 UT	Flint Hills ARC W2DQ 135 2 27 920 NLI	Lorain Cty ARA KC8BED 68 2 14 386 OH
Ogensburg ARC K2RUK 279 2 14 1,498 NNY	Crescenta Valley ARC & Glendale Em Auxiliary Radio Service AD6IZ (+AE6VX) 238 2 15 1,220 LAX	Winnipeg ARC VE4BB 162 2 62 914 MB	Heritage Harbour ARS K3TEZ 54 2 9 378 MDC
Chattanooga ARC W4AM 419 2 15 1,488 TN	Clinton Cty ARC W9AH 248 2 25 1,216 IN	Washington Area ARC W0ARC (+AB0DX) 174 2 24 908 IA	Mid-State ARC N9LC 65 2 6 180 IN
Indian Hills RC W8DDD 277 2 8 1,482 OH	Heart of TX Ham Operators Group W5HOT 160 2 6 1,216 STX	Watertown ARC N9HR 193 2 14 900 WI	
Rains ARA/ Hopkins Cty ARC W5ENT 180 2 20 1,472 NTX	Flathead Valley ARC K7LYY 369 2 7 1,210 MT	Pioneer AR Fellowship W8CTT 117 2 5 894 OH	
Northwest AR & Electronics Assn W0KE 388 2 26 1,466 MO	Sweetwater ARC WY7U 299 2 10 1,208 WY	KD1HF 260 2 3 890 EMA	
Pitt Community College ARC K4PCC 271 2 9 1,464 NC	K6SRA 124 2 6 1,204 SCV	Jim Bell Wireless Assn K4TNS (+W4TDE) 82 2 6 874 AL	
	WM5T (+WB5NET) 205 2 17 1,200 LA	Alger ARC KC8BAN 186 2 15 862 MI	
		North Jeffco ARC KD0KOB 154 2 6 858 CO	

2A Battery

Buffalo Lighthouse Crew						
K2ZR	1301	5	34	13,525	WNY	
Colorado QRP Club & 285 Tech Connect Club						
W0CQC	(+NA0TC)					
	1180	5	14	12,295	CO	
NA3DX	(+NA1DX)					
	635	5	5	5,720	MDC	
Cochise Digital Guys						
K1KBO	319	5	5	4,040	AZ	
Walton RA						
W2LZ	(+W2CD)					
	380	5	9	3,945	WNY	
W6HUG	(+AD6WL)					
	335	5	31	3,280	ORG	
Pueblo West ARC						
NA0PW	237	5	15	3,190	CO	
WHAM QRP Group						
N8IW	300	5	6	2,855	OH	
Air Mobile Radio Operator Soc						
A6EJ	385	5	6	2,845	DE	
Androscoggin ARC						
W1NPP	276	5	10	2,795	ME	
RARC-QRP						
W0MXW	170	5	12	2,530	MN	
Portland Amateur Wireless Society						
W1KVI	139	5	26	1,915	ME	
Ottawa Valley QRP Soc						
VA3OVQ	74	5	5	1,580	ON	
Tango ARS						
K9TAS	(+W9INL)					
	77	5	5	1,340	IN	
Benton Cty ARES						
K7CVO	(+W7QH)					
	27	5	44	1,270	OR	
Wallowa Ham Operators						
K7BUY	124	5	7	1,140	OR	

2A Commercial

Radio Central ARC / Order of Boiled Owls						
W2RC	(+KW2O)					
	2038	2	28	6,464	NLI	
East Pasco ARS						
K4EX	(+N3OS)					
	1049	2	16	4,368	WCF	
Bahama Beach CC						
N1GN	1099	2	6	3,380	NH	
NETQCF						
WW5R	918	2	5	2,740	NTX	
W0JH	508	2	30	2,398	MN	
Central OH Operators Klub Extra-Novice						
W8FD	518	2	14	2,132	OH	
Fullerton RC						
W6ULI	652	2	21	1,854	ORG	
Chicago FM Club						
WA9ORC	439	2	15	1,728	IL	
Rogue Valley ARC						
W7DTA	457	2	16	1,542	OR	
Columbia Cty ARC						
K4KNS	(+WE4GW)					
	308	2	52	1,514	GA	
Fort Pierce ARC						
W4AKH	441	2	35	1,494	SFL	
Nassau Cty Police ARC						
NC2PD	410	2	27	1,290	NLI	
N4DLR	420	2	4	1,178	OH	
Seneca RC						
W8ID	269	2	10	1,120	OH	
W3LRS	211	2	7	1,110	DE	
W2VA	189	2	14	1,080	NLI	
Palouse Hills ARC						
W7NGI	(+WB7TBM)					
	371	2	20	1,038	ID	
Speculator ARC						
KC2WI	183	2	15	986	NNY	
Scott Cty ARES						
N0BHC	(+N0BHC)					
	196	2	5	982	MN	
Champaign Cty ARES						
WB8UCD	171	2	8	938	OH	
GREAT Club						
N4VU	332	2	4	784	GA	
Mountain Air RC						
W4AE	(+W4LA)					
	231	2	3	776	NC	
Gulf ARS						
AF4WU	189	2	16	770	NFL	
Franklin ARC						
WF4RC	192	2	15	766	VA	
Russell Cty ARC						
WR4RC	241	2	7	750	VA	
Community Service RC						
W0P	85	2	4	720	MO	
Lancaster Radio Transmitting Society						
W3AD	300	2	10	650	EPA	
Mora Open Repeater Assn						
KD0CI	87	2	12	542	MN	
Scott Cty ARS						
KD0HHZ	96	2	4	542	MO	
Salem Area ARA						
K8BTP	20	2	10	540	OH	
W9IDX	103	2	5	540	WI	
Greater Westfield Medical Reserve Corps						
KB1UMZ	(+KB1UMZ)					
	41	2	3	452	WMA	
Piedmont ARES						
K4PAR	58	2	8	316	GA	
Lower Yellowstone ARC						
W7DXQ	24	2	3	48	MT	

3A

CorTek Radio Association						
W9CA	(+N9BX)					
	5182	2	30	19,748	IL	
Rochester DX Assn						
W2RDX	(+W2AN)					
	4042	2	42	16,510	WNY	
W5UR (+K5HAB)						
	3575	2	18	13,414	NM	
North East WY Contest Assn						
WY7FD	(+WY7SS)					
	3801	2	11	12,430	WY	
North Shore RC						
K9OR	(+K9RST)					
	2767	2	50	10,666	IL	
REDXA & MARS						
W6SG	(+W6KB)					
	3195	2	50	10,176	SF	
Providence Radio Assn						
W1OP	(+W1PRA)					
	3089	2	23	9,748	RI	
NC Contesters						
NR3X	2774	2	10	9,638	NC	
North Fulton AR League						
K4JJ	(+NF4GA)					
	2924	2	246	9,540	GA	
Greater Norwalk ARC						
N1EV	(+W1NLIK)					
	2696	2	50	9,492	CT	
N4N FD Group						
N4N	(+KE4UU)					
	2602	2	21	9,298	GA	
Midland ARC						
KD5C	(+W5QGG)					
	2300	2	57	9,132	WTX	
Peoria Area ARC						
W9PIA	(+K9PEO)					
	2469	2	70	9,048	IL	
OCARS						
W8TNO	(+K8O)					
	2941	2	20	8,608	MI	
Sterling Park ARC						
K4NVA	(+N4Q4K)					
	2120	2	25	8,372	VA	
South Orange ARA						
K6SOA	(+K6WO)					
	2467	2	80	8,196	ORG	
Twin City FM Club						
W0EF	2212	2	50	8,132	MN	
Stamford ARA						
W1EE	(+K1FC)					
	2526	2	38	8,018	CT	
Southern Inyo ARC						
W6TD	2240	2	7	7,840	ORG	
South Lyon Area ARC						
N8SL	(+N8AR)					
	2259	2	27	7,702	MI	
Oakville/Burlington ARCS						
VE3CJ	(+VE3HB)					
	2147	2	30	7,626	ON	
Dixie AR Klub						
W4DAK	1950	2	19	7,614	NFL	
Albany ARA						
K2CT	(+KM2O)					
	2109	2	40	7,578	ENY	
Shreveport ARA						
K5SL	(+K5JMR)					
	2158	2	101	7,386	LA	
Twin City Ham Club						
W5EA	(+K5YEG)					
	1894	2	32	7,262	LA	
Cuyahoga Falls ARC						
W8VPV	2023	2	22	6,844	OH	
Edmond ARS						
K5EOK	1846	2	76	6,554	OK	
Fauquier ARA						
W4VA	(+KX4O)					
	1530	2	24	6,394	VA	
San Lorenzo Valley ARC and Santa Cruz Cty ARC						
K6WC	(+KE1B)					
	1752	2	73	6,386	SCV	
Sussex Cty ARC						
W2LV	(+N2ERH)					
	1783	2	24	6,344	NNJ	
Reelfoot ARC						
K4RFT	(+N4MJ)					
	1355	2	18	6,182	TN	
Arrowhead RAC						
W0GKP	1736	2	26	6,074	MN	
Stones River ARC						
K4FUN	1433	2	52	5,926	TN	
Stonewall Jackson ARA						
K8DF	(+K8TPH)					
	1846	2	20	5,922	WV	
Indianapolis RC						
W9JP	(+W9RCA)					
	1798	2	35	5,876	IN	
Jefferson Cty ARC						
W7JCR	1375	2	44	5,822	WVA	
Rochester ARC						
W0BM	(+K0RGR)					
	1547	2	41	5,806	MN	
Nashoba Valley ARC						
N1NC	1311	2	57	5,802	EMA	
N0GF	1600	2	21	5,674	ND	
ARC of the National Electronics Museum						
K3NEM	(+W3GR)					
	1308	2	25	5,654	MDC	

TriState ARC						
W9OG	(+WA9C)					
	1447	2	28	5,610	IN	
Nixa ARC						
N0A	1779	2	45	5,500	MO	
McKinney ARC						
W5MRC	(+AE5IT)					
	1493	2	52	5,486	NTX	
Lincoln ARC						
K0KKV	(+K0KSP)					
	1785	2	70	5,476	NE	
Colorado ARES District 24						
W0DTF	(+W0DRD)					
	1250	2	24	5,474	CO	
Southern VT ARC						
K1SV	(+WT1B)					
	1810	2	22	5,380	VT	
Coquitlam/Burnaby/New-Westminster ARCS						
VE7SCC	1508	2	35	5,340	BC	
MS Valley ARA						
W9FCC	1536	2	18	5,122	WI	
W4FCR (+WG2J)						
	982	2	13	5,098	VA	
Barnstable ARC						
N1UI	(+W1EXP)					
	1407	2	23	5,094	EMA	
K7DAV (+AA7AK)						
	1262	2	81	5,002	UT	
FARL-LARC						
K8UTT	1385	2	40	4,992	MI	
Carbon ARC						
W3HA	1409	2	9	4,986	EPA	
Rowan ARS						
N4UH	(+W4EXU)					
	1123	2	27	4,986	NC	
Morrow Cty ARES						
W8NL	1245	2	8	4,948	OH	
Johnson Cty ARC						
W0ERH	(+W0AR)					
	1256	2	34	4,912	KS	
Kankakee Area Radio Soc						
W9AZ	(+N9FD)					
	1032	2	28	4,890	IL	
Naval Postgraduate School ARC						
K6LY	(+K6NPS)					
	1195	2	28	4,812	SCV	
Lone Star ARA						
N5HW	(+W5TA)					
	1116	2	29	4,810	STX	
Yonkers ARC						
W2YRC	(+KF2FK)					
	1152	2	67	4,750	ENY	
San Andreas Faultline Survivors						
W6SW	(+W6KC)					
	1515	2	11	4,750	SJV	
Blue Ridge ARC						
W4YK	1130	2	59	4,728	NC	
St Paul RC / Mining RC						
W0MR	(+K0AGF)					
	1422	2	128	4,548	MN	
Albemarle ARC						
WA4TFZ	1096	2	39	4,528	VA	
Northeast Wireless RC						
NW2C	1065	2	54	4,504	NLI	
CRES ARC						
W8ZPF	1126	2	36	4,430	OH	
Paducah ARA						
W4NJA	1281	2	18	4,402	KY	
Bristol County RA						
W1ACT	(+N1JOY)					
	1211	2	12	4,310	EMA	
QSY Society						
K2QS	(+WB2LQF)					
	1074	2	83	4,222	ENY	
Bristol ARC						
W4UD	1062	2	70	4,208	TN	

Granite State ARA						
N1QC	(+K1NH)					
	949	2	35	4,202	NH	
Foothills ARS						
K6YA	(+NE6RD)					
	1092	2	25	4,174	SCV	
Orange Park ARC						
K4BT	1179	2	32	4,172	NFL	
Hamfesters RC						
W9AA	(+WB9STB)					
	1063	2	31	4,148	IL	
Central MI ARC						
W8MAA	(+K8YHH)					
	913	2	29	4,104	MI	
W4ULH (+K4UA)						
	776	2	47	4,080	SC	
Jackson ARC						
W5PFC	(+N5DU)					
	772	2	85	4,058	MS	
NA4GC (+AJ4DV)						
	1167	2	25	4,052	NC	
Howell Cty ARC						
W0HCA	886	2	10	4,000	MO	
Lockheed Martin ARC & Kelo Cycle Club						
W5IU	975	2	27	3,934	NTX	
South Canadian ARS						
W5NOR	894	2	25	3,866	OK	
K4HH (+K4JKN)						
	1154	2	32	3,838	KY	
Fond Du Lac ARC						
W9EBV	937	2	40	3,834	WI	
Ashtabula Cty ARC						
K8CY	(+K8BFD)					
	1062	2	19	3,834	OH	
Tuscaloosa ARC						
W4XI	1339	2	40	3,686	AL	
Glynn ARA						
N4FD	826	2	14	3,664		

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 W6W6R 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 (+K5RHR) 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	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	Clinton / Highland ARAs W8O (+W8GO) 446 2 45 2,348 OH	Forsyth ARC W4NC (+W4WS) 1023 5 22 8,430 NC
Thumb ARC W8AX 240 2 42 1,480 MI Columbus ARC W9ALQ (+W9SCI) 224 2 24 1,450 IN	5A Port City ARC K1R (+W1WQM) 6206 2 40 19,638 NH Loudoun ARC K4LRG (+AJ4EY) 3757 2 57 13,674 VA	Alphalpha Repeater Group & Lealman Fire CERT W4A 408 2 18 2,316 WCF Tri-City Amateurs KC9QLF 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	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
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	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 W8TGM 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	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 W2FDF 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	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 (+W4PLB) 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 ARS 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 (+KJ4MUJ) 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
Haywood Cty ARC 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	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 Mauzy 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	Kent Muskegon Ottawa Cty RACES K8WVJ 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 Dual Cty ARES/BARS K4D 169 1 10 1,129 NFL Western Reserve ARC W8WRC 50 2 20 1,108 OH TCARES K6TUO 298 2 40 1,058 SJV	Kentucky 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
Northern Colorado ARC W0UPS 183 2 21 1,102 CO Northeastern Indiana ARC W9OU 238 2 12 1,078 IN Jonesdown 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 ARA 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	5A Battery Zuni Loop Mtn Expeditionary Force N6GA 958 5 9 9,145 LAX	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
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 Jonesdown 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 ARA 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 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	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 (+W4PLB) 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 ARS 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 (+KJ4MUJ) 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	
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 Jonesdown 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 ARA 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	5A Battery Zuni Loop Mtn Expeditionary Force N6GA 958 5 9 9,145 LAX	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

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.

W7JVO	553	2	16	3,054	OR
Kitchener-Waterloo ARC					
VE3IC	761	2	10	3,038	ON
Upper Valley ARC					
K8FBN	633	2	32	2,966	OH
Denver RC					
W0TX	598	2	41	2,858	CO
Waterville Area Wireless Assn					
WA1WA	537	2	7	2,670	ME
East River ARC					
W8MOP	504	2	14	2,526	VA
Coachella Valley ARC					
NR6P	431	2	15	2,446	ORG
Saginaw Valley ARC					
K8DAC	381	2	38	2,372	MI
W8KEA	432	2	20	2,346	MI
Holland ARC					
K8DAA	403	2	25	2,278	MI
Toledo Mobile RA					
W8HHF (+N1N1)					
574	2	63	2,200	OH	
Northern OH ARS					
K8KRG	421	2	44	2,096	OH
South East Metro ARC					
W0CGM	330	2	21	2,088	MN
Greene Cty ARC Of NY					
N2LEN (+K2HTV)					
235	2	11	2,048	ENY	
N7OY (+KU7G)					
143	2	30	1,816	OR	
Clarksville Operating Radio Enthusiasts					
K4ORE	309	2	15	1,778	TN
Atascosa Cty ARC					
WA5AR	107	2	6	1,624	STX
Sterling Rock Falls ARS					
W9MEP	284	2	33	1,534	IL
Pickaway ARES					
K8EAK	126	2	16	1,348	OH
Calaveras ARS					
N6FRG	186	2	14	992	SJV
6A Commercial					
LaGrange ARC					
AB4KE	563	2	47	1,968	GA
AA2GV	199	2	16	1,014	WNY
7A					
Lake ARS					
K4FC (+WN4AMO)					
4977	2	46	15,902	NFL	
Carroll Cty ARC & Carroll Cty Contesters					
WY3P (+W03L)					
3860	2	28	12,180	MDC	
Hampden Cty RA					
W1NY (+WB1Z)					
2874	2	30	9,938	WMA	
Central KY ARS					
AA4NJ (+KE4YVD)					
2501	2	21	8,438	KY	
Lake Cty ARS					
N8BC	1932	2	23	7,532	OH
K6BB	1679	2	20	6,730	ORG
Marple-Newtown/Mobile 6ers/MARC/Vertol Bears					
N3NZ (+KB3TVK)					
1248	2	67	6,046	EPA	
Broken Arrow ARC					
W5BBS (+KF5COA)					
1082	2	100	4,412	OK	
MGRA & CGARC					
K4R (+K4JO)					
1062	2	75	4,054	GA	
Four Lakes Amateur Radio Club					
W9JZ	691	2	23	3,824	WI
Silverado ARS					
W6CO (+K06FR)					
688	2	14	3,172	EB	
Scharborough ARC					
VE3WE	429	2	22	2,324	ON
W6BXN (+AA6D)					
637	2	19	2,290	SJV	
Bucyrus ARC					
W8BRG	340	2	11	2,192	OH
Cherokee Capital ARS					
K4WOC	290	2	30	2,082	GA
7A Battery					
West Valley ARS					
K6EI (+W6ZZZ)					
1611	5	20	15,450	SCV	
8A					
Raleigh ARS					
W4DW (+W4RNC)					
3920	2	61	12,802	NC	
Gloucester City ARC					
W2MMD	2848	2	24	11,306	SNJ
Rappahannock Valley ARC					
K4TS (+N4X4Q)					
2938	2	49	10,450	VA	
Cuyahoga ARS					
W8BM	2336	2	30	8,454	OH
Gwinnett ARS					
W4GR	2232	2	150	7,516	GA
DuPage ARC					
W9DUP (+K9RMZ)					
1718	2	66	7,132	IL	
Mahoning Valley ARS					
W8QLY (+W8LZC)					
1362	2	63	4,876	OH	
South West IA ARC					
K0SWI	945	2	20	4,004	IA
Kalamazoo ARC					
W8YV	1252	2	25	3,998	MI
Associated RA of Long Beach					
W6RO	776	2	60	3,402	LAX
Lancaster ARC					
W2SO	721	2	10	2,810	WNY
Barry ARS					
K8BMI	501	2	48	2,620	MI
8A Battery					
Durham Region QRP Club					
VE3QDR	896	5	8	9,540	ON
9A					
Wabash Valley ARS					
W9UUU	1454	2	58	5,586	IN
Boeing Employees ARS / Kansas N0W (+K0W)					
1157	2	51	5,512	KS	
Keuka Lake ARS					
A1U2	587	2	38	3,142	WNY
Laughery Valley ARC					
K9DRT	529	2	12	2,666	IN
Stanislaus ARS					
W6ERE	397	2	27	2,024	SJV
9A Battery					
David Sarnoff ARC					
N2RE (+N4MVU)					
193	5	40	3,040	SNJ	
10A					
Mississauga ARC					
VE3MIS (+VE3RCX)					
2273	2	25	8,088	ON	
Anne Arundel RC					
W3VPR	1735	2	103	7,228	MDC
W7SAA	1777	2	30	7,056	OR
Sabine Valley ARS					
K5GVL	364	2	30	2,496	NTX
10A Battery					
Orange Co Radio Amateurs/Durham FM Assn					
W4EZ	1434	5	27	13,445	NC
11A					
Nashua Area RC					
N1FD (+KA1RON)					
2894	2	50	11,212	NH	
El Dorado ARC					
AG6AU	491	2	41	2,412	SV
15A Battery					
USECA ARC					
K8UO	1446	5	100	13,890	MI
19A					
Ventura Cty ARS/AARC/CVARC/HHQCC/SSARC/VARC					
N6R (+K6VCS)					
2204	2	75	9,592	SB	
24A					
Potomac Valley RC and Columbia ARS					
W3AO (+KE3Q)					
10,585	2	60	33,452	MDC	
1B-1 Op Battery					
N4TY	921	5	1	9,360	KY
W7QC	683	5	1	7,280	ID
N8BB	642	5	1	6,570	MI
K5WNH	573	5	1	5,980	NTX
W3TS	503	5	1	5,480	EPA
W1ECH	610	5	1	5,385	VT
W5JVB	505	5	1	4,940	NFL
KXOR	420	5	1	4,475	WY
KE0G	417	5	1	4,270	MN
VE3RER	378	5	1	3,980	ON
K7IA	359	5	1	3,940	NM
K8AB	300	5	1	3,150	OH
W7GKF	283	5	1	2,980	MI
W9NJJ	254	5	1	2,890	WI
AA5CK	261	5	1	2,730	OK
NZSA	246	5	1	2,710	STX
K4RDU	250	5	1	2,700	VA
K5WX	254	5	1	2,690	STX
VE2GB	246	5	1	2,660	QC
AD5WI	241	5	1	2,600	AR
K9JVV	229	5	1	2,540	UT
N3AB	232	5	1	2,470	EPA
KD2JC	216	5	1	2,360	NNJ
KX9X/1	222	5	1	2,055	VT
N3XRV	140	5	1	1,950	DE
K1PDY	158	5	1	1,930	NH
AE8M	166	5	1	1,910	NC
NQ7R	147	5	1	1,705	AZ
N3RN	153	5	1	1,605	EPA
K9FOH	129	5	1	1,505	IN
W7CD	105	5	1	1,490	WWA
N0FKC	82	5	1	1,470	NM
KD9KC	125	5	1	1,450	WTX
KB7LJ	107	5	1	1,420	WWA
K8ZT	99	5	1	1,325	ME
N7ARE	172	5	1	1,310	UT
AF4O	104	5	1	1,290	TN
N4AX	126	5	1	1,255	AL
K10I	99	5	1	1,240	NE
K9SIU	108	5	1	1,225	IL
NM5S	157	5	1	1,220	NM
VA7XN	119	5	1	1,155	BC
VE3ENG	91	5	1	1,110	ON
WD5HNI	190	5	1	1,100	STX
N18N	104	5	1	1,090	OH
AB8DF	91	5	1	1,060	MI
WBSUAA	77	5	1	1,020	NTX
WB3CEG	75	5	1	1,000	STX
KA5GIS	90	5	1	1,000	AR
WB0KHQ	88	5	1	990	IA
K6CU	82	5	1	970	ORG
N8XMS	71	5	1	960	MI
KB5FIO	48	5	1	930	STX
WBSNMZ	71	5	1	910	AL
N2JR	80	5	1	895	VA
KF0QS	73	5	1	880	CO
WU0L	53	5	1	880	SD
N8MFN	78	5	1	875	OH
K5SI	75	5	1	850	STX
N6DIT	69	5	1	840	SJV
W9HBB	91	5	1	805	IN
W9SRB	110	5	1	800	IL
KB2BIT	51	5	1	770	NFL
WA4MXF	56	5	1	760	TN
AM1MI	74	5	1	720	NH
WD9EWK	49	5	1	695	AZ
KE3HG	39	5	1	690	EPA
K6GCN	107	5	1	685	SCV
AB4EL	53	5	1	680	NC
AB1MI	74	5	1	670	NH
KB1PBA	48	5	1	630	EMA
KD2MU	48	5	1	625	NLI
K3TW	45	5	1	600	NFL
K0WRZ	87	5	1	585	KS
VA2SG	51	5	1	560	QC
AF6NI	32	5	1	545	SDG
AD7L	39	5	1	540	OR
AC4QX	44	5	1	540	NC
W2EB	18	5	1	530	WNY
W9AQ	93	5	1	515	IL
K06ES	30	5	1	450	ORG
W8CDL	50	5	1	450	OH
KD5FJJ	12	5	1	410	NTX
K7CN/7	26	5	1	410	OR
AK4BH	42	5	1	395	VA
AD7QH	6	5	1	385	UT
N7WY	27	5	1	370	SCV
WA3LGG	7	5	1	370	EPA
WB2GBF	41	5	1	355	NNJ
W4HH	24	5	1	340	VA
KF7DVJ	5	5	1	300	UT
KE7UQL	10	5	1	300	NV
AE4M	6	5	1	280	AL
VE7BQO/VY	113	5	1	280	NWT
KD7OED/6	3	5	1	265	SCV
VE2AHH	16	5	1	260	QC
KD8EER	1	5	1	255	OH
N2ESE	10	5	1	250	NNJ
K9CHP	17	5	1	235	WNY
KB1QKB	4	5	1	220	NH
VE7XPK	13	5	1	215	BC
K2RNY	16	5	1	210	WNY
W1INC	10	5	1	200	NH
W5OK	9	5	1	195	OK
KB1HCD	28	5	1	190	CT
N1MMY	25	5	1	175	EB
KD5MFY	4	5	1	170	OK
KL7/WA4DOX	1	5	1	160	AK
K14FW	8	5	1	125	VA
KE6SMG	10	5	1	100	SJV
W9VQ	8	5	1	100	IL
WA7TPB	9	5	1	95	EWA
KE7WHC	1	5	1	60	AZ
1B-1 Op					
N0AT	1100	2	1	5,040	MN
K5LG	1139	2	1	4,606	AR
WB9COY	1160	2	1	4,564	SDG
W0QE	949	2	1	3,970	CO
K3TM	745	2	1	3,130	MDC

KB8TWM	146	2	2	342	OH	K2EFK	7	2	1	114	NNJ	N0EID	108	2	1	462	MO	N7FF	40	2	1	186	AR
N2MEE (+KC2YRU)						A14GY	25	2	2	100	SC	N8XI	102	2	1	458	MI	N3UA	92	1	1	182	VA
	113	2	2	326	ENY	N6IGI	20	2	1	90	ORG	WO2N	101	2	1	454	NLI	VA7GGL	66	2	1	182	BC
K7FD	107	2	2	282	OR	KB9UTO	10	2	1	70	IN	W3IBT	227	1	1	454	WPA	W2PQL	16	2	4	182	NNJ
NX1T	61	2	2	272	CT	K9SWX	4	2	1	58	IL	VE3TW	243	1	1	450	ON	KC2NOS	16	2	1	182	NLI
AC0FQ	50	2	2	250	CO	N6AJR	1	5	1	55	EB	WA8BJJ	107	2	1	438	MI	N3KN	68	1	1	181	VA
N5QZ	79	2	2	208	AR							K9KLO	97	2	2	438	GA	WA3AAN	32	2	1	178	EPA
W09Z	28	2	2	206	IN							VA3ATT	107	2	1	428	ON	K5YQF	32	2	1	178	STX
WA2YJC (+WA0LHC)						N4KK/MM	260	2	4	1,204	SFL	W3VF	216	1	1	422	EPA	W2MRD	12	2	1	174	ENY
	48	2	2	196	NNJ	NB1RI/MM	208	2	2	1,166	RI	W2LRO	110	2	1	422	NNJ	WA5OK	87	2	1	174	OK
KD0GUY	17	2	2	184	CO	KD7WCD	63	2	2	476	AZ	W1WAB	67	2	1	416	WCF	KB2JUL	57	2	1	174	NC
KC8NDA	65	2	2	180	MI							W3SFG	91	2	1	414	MDC	W7LN	43	2	1	172	MI
												WA8YVF	103	2	1	412	OH	KU1Q	86	2	2	172	CT
												KD7MEK	90	2	2	410	AZ	KG4WNA	61	1	1	172	KY
												WB2ETR	120	2	1	406	NLI	KB7HDX	60	2	1	170	EWA
												WB4LEQ	177	2	1	404	NFL	W4EGR	60	2	1	170	AL
												W5JBO	87	2	1	398	STX	KC8ZUM	60	2	1	170	IL
												K7TFY	87	2	1	398	ORG	W2QUH	60	2	1	170	NNY
												K6NDV	186	1	3	395	WMA	K6JRA	59	2	1	168	EB
												KC0RRS	84	2	2	386	KS	KJ2P	33	2	1	168	ENY
												N1NN	84	2	1	386	EMA	KF6JQC	58	2	1	166	SJV
												KG2NI	168	2	1	386	WNY	K0CO	29	2	1	166	CO
												K7EIJ	96	2	1	384	EWA	KF5ATN	29	2	1	166	NM
												AA6EE	95	2	1	380	SDG	W5BIT	58	2	1	166	NTX
												K9UT	95	2	1	380	IN	VE3LM	50	2	1	164	NH
												WA4YHA	124	2	1	380	VA	ND6S	41	2	1	164	SV
												K9MQ	81	2	1	378	IN	KE5ZSW	57	2	1	164	AR
												KZ2G	94	2	1	376	NLI	KD0CPA	81	2	3	162	CO
												AB1HL	81	2	1	374	EMA	KF6FX	18	2	1	162	ORG
												VA3OPN	116	2	1	374	ON	KD5BBR	80	2	1	160	OK
												W7MTL	109	2	1	372	OR	W9SID	55	2	1	160	IL
												KJ4FDV	49	2	1	364	AL	W9BAG	54	2	2	158	IN
												K3GWK	155	2	1	360	GA	VA2UTC	54	2	1	158	QC
												NN1N	208	1	1	358	CT	K1RM	39	2	1	156	CT
												KB3PU	151	2	1	352	SC	N6RZR	77	2	1	154	SV
												NF0T	109	2	2	352	IA	WA6GFR	26	2	1	154	ORG
												VE7CA	176	1	1	352	BC	WB1BRE	52	2	1	154	VT
												K53Z	50	2	1	350	EPA	K17DG	102	1	1	152	EWA
												W9WXN	50	2	1	350	IN	W2RR	51	1	1	151	WNY
												W1RS	147	2	3	344	EMA	WD4AJI	49	2	1	150	SFL
												NK3Y	142	2	1	342	EPA	KE3X	25	2	1	150	MDC
												KD4QMY	282	1	1	332	GA	K16HD	25	2	1	150	SCV
												KN6N	54	2	3	330	ORG	K3MAF	49	2	1	148	VA
												W6CT	44	2	1	326	SCV	N7IZM/W3	74	2	1	148	WPA
												K7ING	68	2	1	322	AZ	WA7SLH	48	2	1	146	AZ
												K7DD	68	2	1	322	AZ	VA7FC	48	2	1	146	BC
												K2FEO	135	2	1	320	WNY	W4JHU	24	2	1	146	VA
												VE1SKY	104	2	1	318	MAR	K6TXT	45	2	1	142	SDG
												WB9FJO	82	2	1	314	MI	W7WOW	43	2	2	140	NV
												W0DMT	131	2	1	312	MO	WG7X	129	1	1	139	WWA
												N7RVD	156	1	1	312	MT	WA7BME	22	2	1	138	UT
												KI7N	100	2	1	300	OR	KB0ERS	22	2	1	138	STX
												KO8S	75	2	1	296	MI	KD3JA	42	2	1	134	MDC
												KA5VZG	66	2	1	292	TN	AA6LAC	33	2	1	132	SB
												W2LHL	67	2	1	290	NNJ	K3VED	65	2	1	130	WPA
												N2WN	60	2	1	290	TN	ND8L	63	2	1	126	OH
												WB1FJH	72	2	1	288	EMA	KD5BYB	19	2	1	126	AL
												K9JH	68	2	2	286	SC	KN1X	36	2	1	122	WMA
												KC2MBV	77	2	1	284	NLI	KB1MNN	26	2	1	122	WMA
												K9C9DK	141	2	1	282	WI	WB4DVN	61	2	1	122	NC
												VE2CLM	42	2	6	280	QC	A14G	36	2	1	122	KY
												AB1BW	68	2	1	274	CT	W3CDI	36	2	1	122	MDC
												W9UW	68	2	1	272	CO	KA1GYB	18	2	1	122	CT
												WB9GHD	55	2	1	270	SDG	W6UX	34	2	1	118	ORG
												VE2TSM	108	2	1	266	QC	KC5WA	34	2	1	118	LA
												W5GZ	63	2	1	266	NM	W7MWL	23	2	1	118	WWA
												KB6A	53	2	1	262	ORG	W2KRD	33	2	1	116	SNJ
												W09S	55	2	1	260	IL	N8K0J	65	1	1	115	OH
												KK4LH	67	2	1	258	NC	KB1NZA	22	2	1	114	EMA
												K0G0B	129	2	1	258	MO	K4IU	16	2	1	114	MN
												K5KVN	207	1	2	257	AR	KD5WJS	31	2	1	112	NTX
												N8YYS	76	2	1	256	WV	W4JGJ	30	2	1	110	SFL
												KD6FVA	103	2	1	256	SV	N5UBL	29	2	1	108	STX
												WB4JUC	127	2	1	254	WY	KJ0P	16	2	1	108	MN
												K4XDX	101	2	1	252	VA	KE5JTN	29	2	1	108	LA
												VA3GUY	100	2	1	250	ON	N50DX	31	2	1	106	VA
												VE3CX	64	2	3	248	ON	WA2OOB	49	2	1	104	SB
												N4NC	62	2	1	248	NC	W7YMS	26	2	1	104	OR
												WD6LL	84	2	1	246	SV	WT5ARC	103	1	1	103	WTX
												KL5E	47	1	1	244	AK	KB8RWQ	20	2	1	100	ENY
												WB9RFV	121	2	1	242	IN	AE5LQ	50	2	1	100	STX
												K6IIL	127	1	1	240	SV	K1BTD	50	2	1	100	CT
												AD4CS	92	2	2	234	SFL	K4OL	50	2	1	100	GA
												K7ULS	182	1	1	233	UT	AD4RG	50	2	1	100	VA
												K8WHA	58	2	1	232	EPA	K1V1	49	1	1	99	CT
												NK0E	46	2	1	230	CO	WA4MAE	99	1	1	99	VA
												K1XO	229	1	1	229	CT	W0NFS	24	2	1	98	MO
												W1WJU	162	1	1	226	RI	W8IDW	24	2	1		

K4GOP	41	2	1	82	NFL
KD7YZW	16	2	1	82	AZ
W9NFL	41	2	1	82	WI
N9NUZ	16	2	1	82	WI
W1NHS	16	2	1	82	CT
N1AOK	15	2	1	80	CO
VA2ZIG	15	2	1	80	QC
KK7CG	15	2	1	80	OR
AC77B	15	2	1	80	WWA
K4RT	20	2	1	80	VA
KF4IRC	34	2	1	80	AL
W8CAH	7	2	1	78	IL
KF6RXB	78	1	1	78	SF
N0UL	14	2	1	78	MN
WA8YXM	13	2	1	76	MI
VE1RSM/VY119	2	2	1	76	NT
W7TED	13	2	1	76	WWA
N9YSQ	13	2	1	76	KY
W03T	75	1	2	75	WPA
KB3IPZ	12	2	1	74	EPA
KB7GOA	12	2	1	74	ID
VE2XL	37	2	1	74	QC
KC0WIR	1	2	1	72	MO
N3PDT	11	2	1	72	MO
WS6T	35	2	1	70	EB
W3GM	7	2	1	70	NC
JA3JM	5	2	1	70	DX
K9FH	10	2	1	70	IL
N1XUH	9	2	1	68	NH
K7ACT	9	2	1	68	WWA
KA6MLE	4	2	1	66	SB
AC0PB	16	1	1	66	IA
K6MYH	4	2	11	66	SF
K0SGF	33	2	1	66	MO
K7AWB	15	1	1	65	EWA
KC7NJB	7	2	1	64	SCV
WA0BSW	3	2	1	62	MO
AA2JT	6	2	1	62	NNJ
KB4EHS	6	2	2	62	SFL
WB0QIR	6	2	1	62	MO
KC9LDR	5	2	1	60	IL
WA2VQV	5	2	1	60	DE
AB2WS	5	2	1	60	ENY
K7HRW	5	2	1	60	WWA
KA6FBB	5	2	1	60	ORG
VE2KOT	2	2	1	58	QC
KD8LEB	4	2	1	58	OH
WD4MKU	29	2	1	58	NC
KC0FUE	4	2	1	58	KS
AB0LJ	4	2	1	58	MO
KF6TJR	4	2	1	58	EB
KC8KSK	3	2	1	56	SC
KU4RC	3	2	1	56	NTX
KD8MBI	25	2	1	54	OH
KD8DKG	22	2	1	52	MI
K14BKE	1	2	2	52	NC
VE2GLA	13	2	1	52	QC
KB5DRJ	23	2	1	46	NTX
AB9R1	11	2	1	44	WI
K9SOG	41	1	1	41	OH
KF7VG	20	2	1	40	WWA
N8DSG	38	1	1	38	MI
AJ4HK	17	2	1	34	NC
K2WT	33	1	1	33	WCF
KC7YE	8	2	1	32	WWA
WB2JMX	16	2	1	32	WNY
KD8HYU	15	2	1	30	OH
WB6BET	14	2	1	28	EB
K4ZKS	11	2	1	28	WCF
A14UN	12	2	1	26	GA
WA5YNE	26	1	1	26	OK
KC9EHQ	13	2	1	26	IL
KB7UJ1	22	1	1	22	EWA
N5UWY	9	2	1	18	OK
NB7A	18	1	1	18	NV
KD8KTN	16	1	1	16	MI
VE3IKT	8	2	1	16	ON
KE7JUN	16	1	1	16	WWA
N2RJ	13	1	1	13	NNJ
WA6AQK	6	2	1	12	AZ
N7NTM	5	2	1	10	AZ
2D					
NR5M	3759	2	2	9,976	STX
K7SDX	568	2	7	1,878	EWA
W4NUN	420	2	4	1,830	GA
N8BJQ	500	1	1	798	OH
KK6I	337	2	7	724	SDG
K2BNL	122	2	6	470	NLI
K2VK	124	2	4	460	NNJ
K8RJW	131	2	2	332	OH
NS4T	129	2	2	308	AL
WE5DX	129	2	3	258	MS
WA1KBE	60	2	2	204	EMA
W6SUN	14	2	1	178	SJV
K0USN	33	2	2	160	CO
K4TAK	14	2	1	78	TN
3D					
W2LI	344	2	12	1,490	NNJ
KJ5ZT	671	2	9	1,392	AR
VE2CSP	101	2	15	492	QC
W1VCM	153	2	9	472	CT
4D					
W4V	1811	2	14	3,672	AL
VE3URF	952	2	4	2,352	ON
5D					
KS0LV	173	2	20	694	KS

Home Stations Emergency Power

1E					
AA3B	2077	2	1	8,558	EPA
W2BC	1733	2	4	7,382	WNY
WA9S	1223	2	2	5,042	IN
W5CT	1320	2	3	4,794	STX
AD4ES	1417	2	3	4,624	SFL
N5CW	924	2	1	3,996	MS
K7NX	915	2	2	3,810	AZ
AG3H	770	2	1	3,190	WPA
WA2EQF	686	2	5	3,114	NNJ
N3HBX	1456	2	1	3,062	MDC
W2IRT	1123	2	2	2,904	NNJ
W3HGT	1165	2	6	2,886	WPA
N0TT	661	2	1	2,794	MO
VE3GSI	612	2	1	2,698	ON
N6RZ	812	2	5	2,608	SCV
N6RK	615	2	1	2,248	SV
K4WOP	471	2	2	2,134	VA
N1CC	508	2	1	1,970	NTX
W7GB	376	2	1	1,830	EWA
NY6J	457	2	1	1,810	IN
AH6V	402	2	1	1,780	PAC
K4WW	450	2	1	1,650	KY
K7TR	417	2	1	1,584	AZ
WW0JD	346	2	2	1,526	AR
K8MN	428	2	1	1,506	WV
N7WS	312	2	1	1,438	AZ
K6EMI	302	2	4	1,436	ORG
NS9J	331	2	1	1,424	WI
WR2G	248	2	1	1,378	NNJ
WA1VKO	364	2	1	1,378	NH
W8AWE	286	2	1	1,326	MI
NU7B	268	2	2	1,298	AZ
W4UAL	297	2	1	1,288	AL
W0FMS	549	2	1	1,258	IA
N7VR	342	2	1	1,250	MT
K2OGT	240	2	1	1,210	EPA
K7NAL	511	2	1	1,172	UT
NN6CH	290	2	1	1,140	ORG
WB8EJN	222	2	1	1,138	MO
K0RFD	250	2	1	1,098	CO
K0LMD	328	2	1	1,076	CO
N2MTG	457	2	1	1,064	ENY
N2EIK	228	2	1	1,062	ENY
W3WC	240	2	1	1,050	WPA
VE2AWR	262	2	1	1,038	QC
NU6N	214	2	1	1,036	SJV
K6TY	135	2	4	990	LAX
W4ZKE	209	2	1	986	KY
W3KS	315	2	1	980	DE
KB0YH	351	2	1	952	CO
WZBN	213	2	1	952	MI
K7RFW	115	2	2	930	UT
W5UGD	264	2	4	924	SC
N6LAL	193	2	1	922	LA
KU4WD	405	2	1	910	TN
N5MJJ	365	2	1	900	NTX
AG4V	800	1	1	900	TN
W5JMW	193	2	1	862	WTX
K6GTT	187	2	1	848	EB
KJ6RA	318	2	1	810	SV
K6KQV	152	2	1	800	SCV
K7IN	184	2	1	786	NV
K4RFE	150	2	1	750	TN
K7SEL	179	2	4	748	ID
K14GOT	123	2	1	742	VA
KD3FG	251	2	3	736	MDC
KX8X	203	2	1	734	SJV
AA9UF	160	2	1	728	IL
W5WZ	167	2	1	718	LA
K7VGF	128	2	1	714	WWA
KR7LD	207	2	2	712	ID
K6G6S	152	2	2	708	SV
WA9STI	225	2	1	700	LX
WM4X	241	2	2	652	VA
KD5QHV	250	2	1	640	WTX
VA7ST	121	2	1	634	BC
K7EA	119	2	1	626	UT
WA7LK	133	2	1	616	WWA
AD7MQ	104	2	1	596	MT
NM7L	200	2	1	596	EWA
W7DML	86	2	1	594	UT
AG4FK	245	2	1	590	TN
KC8IMB	244	2	1	588	OH
KT7AZ	161	2	1	572	AZ
N7MAL	130	2	1	570	AZ
KE4UKX	105	2	7	570	VA
KK5OQ	211	2	1	560	MS
WA3SWJ	52	2	1	556	MDC
NO2J	227	2	2	554	WNY
KB3ORR	150	2	1	550	WPA
KC0DWX	147	2	2	544	KS
K9KK	178	2	1	506	OK
N2DD	125	2	1	500	NFL
N4MUH	174	2	1	488	WNY
W7SAU	111	2	10	482	AZ
VE1ZA	210	2	1	470	MAR
AB5JR	105	2	1	460	NM
ND2E	77	2	1	458	TN
KF6ROE	50	2	1	450	SDG
KC4YAU	75	2	1	450	AL
W3TZ	172	2	1	444	AR
N8HC	171	2	1	442	OH
KC5LN	139	2	1	428	OR
K3ORS	114	2	1	428	TN
W4SNP	73	2	1	418	VA
KC9QQ	66	2	1	414	IN
K2XC	82	2	1	414	NNY
K5J	110	2	3	410	NTX

N6ZFO	67	2	1	404	SF
N5PU	88	2	1	402	MS
N4YHC	99	2	1	400	IN
WD8MGZ	93	2	1	386	WV
NA0BR	70	2	1	380	CO
W40TN	5	2	1	380	VA
K6RJP	210	1	1	370	EB
WU9Z	49	2	2	368	IN
KN0BS	58	2	6	366	IA
W9BMW	76	2	1	354	WWA
N8EN	144	2	1	354	MI
KC4ONA	53	2	1	350	NFL
WA5JEC	147	2	2	344	STX
W03X	90	2	1	330	OH
KA9CAR	52	2	1	316	IL
WW8Z	82	2	1	314	OH
K6PUD	106	2	3	312	SF
K8MCA	104	2	2	308	OH
N3ZEL	101	2	2	302	WPA
KC0MPD	76	2	1	302	NFL
KB0MPY	100	2	1	300	CO
WA4RNN	100	2	1	300	TN
KC7PVD	24	2	1	298	UT
KE5QZB	91	2	1	292	NTX
KG6LJO	25	2	1	290	NV
KA0EIC	62	2	1	284	KS
NW1V	91	2	1	282	VT
WB5SGN	65	2	1	280	NTX
WA4RDZ	113	2	1	276	NC
K6EBN	31	2	1	274	SCV
KS6M	62	2	1	274	EB
N3OSN	10	2	1	270	EPA
K7EMS	60	2	1	270	WY
K7FED	109	2	1	268	NV
W6DMS	58	2	1	266	ORG
K7RQN	79	2	1	258	AZ
KC0PPA	51	2	2	252	MN
N4EMP	52	1	4	252	AL
KD5COL	48	2	1	246	TN
WB9WHG	24	2	1	246	MN
K14CP	35	2	1	240	TN
K14VPL	67	2	1	234	NC
WE5T	42	2	1	234	NTX
NJ7W	33	2	1	232	WWA
KD6PQF	41	2	1	232	SB
KC8WH	53	2	1	228	OH

CO ARES D10 - Loveland EOC					
W0FT	669	2	10	2,428	CO
Fayette ARA					
K8FAY	479	2	15	1,948	OH
New Providence ARC					
WK2I	389	2	20	1,934	NNJ
Cal Fire SCU Volunteers in Prevention					
W6HUL	325	2	19	1,802	SCV
Shelby Cty ARES					
K8EMA	415	2	10	1,636	OH
Will City EM Amateurs					
W9WIL	190	2	4	1,558	IL
Rim Country ARC					
W7RIM	282	2	53	1,510	AZ
Baltimore City RACES					
KB3S2T	402	2	8	1,448	MDC
W5YL	301	2	10	1,152	LA
Mansfield EMA Comm Group					
KB1JJE	201	2	8	1,062	EMA
WX5FWD NWS SKYWARN					
WX5FWD	272	1	5	1,052	NTX
Metro ARC					
W9LYA	385	2	8	1,052	IL
Mt Shasta ARC					
W6BML	192	2	8	1,042	SV
Washington State Net					
N7EIE	90	2	5	1,006	WWA
Addison City ARES					
N1NRA	165	2	2	980	VT
Quad-County ARC					
N3QC	146	2	6	942	WPA
Athens ARC					
K5EPH	230	2	10	942	NTX
Butte ARC					
W7FO	809	1	5	859	MT
Utah Cty ARES					
K7UCA	223	2	30	796	UT
Tar River ARC					
W4DCG	217	2	10	784	NC
W4CQ	314	2	14	678	NC
Southern Plains AR Klub					
AB0RA	101	2	20	672	KS
BRHC					
KA0TTY	101	2	1	664	MO
OK City Em Management					
WX5EOC	53	2	6	656	OK
Westfield Em Management					
N1VMJ	268	2	3	586	WMA
Evanston AR Community					
KC9OAS	14	2	5	578	IL
Fayette City EOC					
KU4K	169	2	14	494	TN
Meridian ARC					
W5FQ	61	2	19	472	MS
CESRA					
W5OES	33	2	2	438	SJV
Westside ARC					
W5ABD	99	2	10	398	LA
Brookfield Emergency Management					
KA1PTW	12	2	17	344	NH
Westcumb ARC					
VE1WRK	141	2	12	342	MAR
Santa Cruz ACS Club					
W6TUW	41	2	3	232	SCV
Roseland ARC					
K2GQ	131	1	6	208	SNJ
Berkeley City OES ARC					
KD8ALZ	50	2	3	100	WV
Southampton ARES Group					
KC2OJ	13	2	2	76	NLI
Somerset City ARC					
AK3J	14	2	2	48	WPA

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Stanford ARC					
W6YX (+K6GU)					
3887	2	40	14,260	SCV	
Platinum Coast ARES					
W4MLB (+K4QD)					
2082	2	33	8,424	SFL	
Bullitt ARS					
KY4KY (+W4KBR)					
1376	2	77	5,688	KY	
Lake City RACES/ARES					
K9IQP (+W9QL)					
1382	2	35	5,362	IL	
Montgomery City ARES/RACES					
AA3E (+WM3L)					
1914	2	6	5,254	EPA	
Story City ARC & Cyclone Amateur Club					
W0YL (+W0ISU)					
1279	2	26	5,162	IA	
Oak Ridge ARC					
K4PJ	1093	2	35	4,754	TN
Murray State Univ ARC					
K4MSU (+W4GZ)					
931	2	46	3,968	KY	
Oakland City ARPSC					
W8OAK (+K8G)					
852	2	12	3,884	MI	
Imperial City ARES/RACES					
W6ICR	1073	2	29	3,780	SDG
York RC					
W9YRC (+NN9L)					
1291	2	23	3,726	IL	
Johnson AR Service					
WA5JRS (+AE5FN)					
1280	2	12	3,352	NTX	
Heart of America RC					
W0RR	719	2	13	3,220	MO

Benicia ARC					
KB6EOC	964	2	67	2,906	EB
Merrymeting ARA					
KS1R (+N1TRC)					
544	2	15	2,896	ME	
Cowichan Valley ARS					
VE7CVA (+VE7RVC)					
893	2	20	2,854	BC	
Madison Cty ARC					
KE8RV	458	2	11	2,828	OH
Virginia Mountain ARC					
W4COV	794	2	6	2,684	VA
Orleans Cty ARC					
WA2DQL (+KZ2R)					
609	2	39	2,656	WNY	
Great Falls Area ARC					
W7ECA (+KF7GFA)					
664	2	28	2,334	MT	
Waterbury ARC					
W1LAS	888	2	7	2,326	CT
Cass Cty ARC					
W9VMW (+KV9N)					
630	2	42	2,176	IN	
Hays Caldwell ARC					
KE5LOT (+K5GWC)					
328	2	34	2,134	STX	
Turkey Heaven Mtn Repeater Assn					
N4THM (+N4IF)					
383	2	20	2,086	AL	
Southwick RACES / ARES					
WC1SW	398	2	15	2,036	WMA
Anderson RC					
K4TG (+KY4LAW)					
449	2	9	1,920	KY	
Harney Cty RA					
W7HRN (+KE7YLA)					
249	2	16	1,914	OR	
Central Carolina AR Comm Team					
NC4CC (+AE4AA)					
326	2	29	1,864	NC	
Corona Norco ARC					
W6PWT (+AF6UI)					
475	2	10	1,856	ORG	
Robeson Cty ARS					
W4LBT	224	2	19	1,726	NC
Carteret Emergency Mgt Vol ARC					
K2ZV (+KB2LAV)					
332	2	10	1,622	NNJ	
Tupelo ARC					
KK5K	443	2	11	1,582	MS
Westminster RACES					
W6JNU	165	2	9	1,582	ORG
Marshall Cty ARA					
K14HUS	278	2	18	1,570	KY
Lisbon Area ARA					
WX8EMA (+WB8WTI)					
240	2	4	1,536	OH	
Pilgrim Amateur Wireless / SE MA AR Group					
KA1GG	631	2	8	1,532	EMA
Lehigh Valley ARC					
W3OI (+W3GRD)					
210	2	27	1,512	EPA	
Tri City ARC					
W1QV	329	2	12	1,502	CT
SATERN - Cen-Cal Mutual EmComm					
ARES/RACES					
K6CME (+K16QYD)					
290	2	10	1,430	SJV	
Burlington ARC					
W1KOO	331	2	18	1,412	VT
Cupertino ARES					
K6KP	134	2	21	1,408	SCV
Key City ARC					
K5ABI (+KF5HLA)					
343	2	45	1,396	WTX	
Treasure Valley RA-Malheur City ARES					
K7OJI (+KF7CWC)					
266	2	21	1,372	ID	
Amateur Radio Klub of Arkansas Northwest					
AA5AR (+N5NTI)					
335	2	24	1,370	AR	
Vernon RACES					
W2VER	286	2	10	1,312	NNJ
Manalapan RACES/					
Raritan Bay Radio Amateurs					
K2PW	143	2	10	1,248	NNJ
Preble ARA					
K8YR	333	2	5	1,162	OH
North Shore ARC					
VE7NSR	255	2	21	1,162	BC
Picorams					
K9IYP	118	2	5	1,086	IL
Geauga ARA					
W8DES	227	2	7	1,028	OH
Independent Radio Assn					
K8IRA	278	2	9	1,006	OH
Lincoln Cty ARES/RACES					
AD7OY	122	2	2	986	NV
N8LS	292	2	10	882	MI
Raymond J. Levesque Memorial ARC					
K1ZZN	188	2	3	876	EMA
San Diego/Imperial Counties Chapter					
American Red Cross					
W6RDX	258	2	19	766	SDG
MEMS					
AE5EE	15	5	2	765	AR
Tri-County					
NC4AR	102	2	10	704	NC
Campbell River ARS					
VE7CRC	272	2	9	694	BC
OKRA					
W5LOC	217	2	4	684	STX

Big Bend ARC					
KA9FAJ	100	2	12	670	IL
Cochise ARA					
K7RDG	96	2	7	642	AZ
Ellicott Fire ARC					
K0EFD	67	2	2	584	CO
BCARES					
W3FTP	213	2	5	570	EPA
Downey ARC					
W6TOI	158	2	13	466	LAX
ARC of Sabine					
K5MNY	85	2	10	458	LA
Friends & AR Communications					
KF6NNM	82	2	5	422	SV

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West Jersey DX Group					
K2NJ (+W2EN)					
3724	2	39	13,678	NNJ	
Williamson Cty ARES					
N4FR (+W4SQD)					
2892	2	175	9,454	TN	
Southwest Dallas Cty ARC					
W5WB (+N5UV)					
1555	2	44	6,950	NTX	
Arkansas River Valley AR Foundation					
K5PXP (+KE5EBC)					
1179	2	31	4,714	AR	
Worcester EmComm Team					
W1C (+WE1CT)					
1165	2	36	4,068	WMA	
Boeing ARS - STL					
W0MA	1135	2	15	3,848	MO
Algonquin ARC					
N1M	758	2	25	3,438	EMA
N Wildwood OEM RC					
NW2NJ (+N3BHM)					
785	2	6	3,098	SNJ	
Queen City Emergency Net					
W8VVL	841	2	31	2,978	OH
Jones Cty ARC					
WV5D	1136	2	14	2,742	MS
Raritan Bay Radio Amateurs/South River					
OEM					
K2GE	559	2	15	2,660	NNJ
McHenry Cty RACES/ARES					
K9ESV (+K9B9NY)					
595	2	20	2,640	IL	
W9AWE	625	2	28	2,634	IL
Indian River ARC					
W4NLX (+K2UFO)					
474	2	30	2,354	SFL	
ARC of Central Louisiana					
AB5IS	623	2	14	2,078	LA
Middle East TN Em Radio Service					
KC4EM (+N1DRJ)					
422	2	38	2,072	TN	
Blount Cty ARC					
W4BLT	482	2	25	2,052	AL
Southington ARA					
W1ECV	657	2	25	2,024	CT
Centralia ARES					
K7CEM (+KD7OWN)					
353	2	14	1,964	WWA	
Culver City ARES					
K6CCR (+K6RMP)					
348	2	75	1,942	LAX	
Adams Cty ARS					
W3KGN (+K3DCS)					
471	2	18	1,934	EPA	
AC5PW	623	2	15	1,908	LA
Arlington ARC					
W4WVP	314	2	24	1,866	VA
South Mtn Radop Amateurs					
N3TWT	354	2	13	1,822	EPA
DB CERT ARC/DBARA					
N4DAB (+K14VWP)					
170	2	26	1,740	NFL	
W8TPY	415	2	20	1,516	OH
Seal Beach/Los Alamitos RACES					
K6ZT (+K6Y9NQ)					
160	2	20	1,482		