

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

The Top 10		
Top 10 Claimed Scores		
Call Sign	Score	Class
W3AO	33,452	2A
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](http://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, W4PM, who was the control operator.

Scores

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

1A	Morris RC W2YD 387 JJ&V Contesters WA0VPJ 829 W4FLO 449 SCVRA K0CD 303 Keystone Radio Amateurs of PA W3BD 532 Hellgate ARC W7PX 393 Anaconda ARC W7VNE 560 Transplanted Vertical K4QXX 559 U of Arkansas ARC K5GOE 348 Marshall City ARC W0GCJ 310 Club Radio Amateur de Beaute VE2CRB 295 York City Contesters W4YCC 512 Maui ARC KH6RS 1400 Covey Hill ARC VE2CYH 320 Team Zone 2 VA2ZM 504 Bitterroot AR Contest Group K7GO 335 Hanburger's Helpers ARC K3HH 294 Great River ARC W0DBQ 333 The Alaskams KL7Y 987 Low Country Contest Club NU4SC 404 London Bridge ARA K7LHC 238 Parma RC W8PRC 295 Juneau ARC KL7IG 274 Vaca Valley RC W6VVR 202 Vashon/Maury Island RC W7VMV 201 KB9QFM 467 Bitterroot AR School Club NW7US 208 Halton ARC VE3OD 193 Gallatin Ham RC W7ED 333 Orchard City ARC VE7CQM 91 Goodyear ARC WA8UXP 296 LOWARS VE3JJF 183 Bitterroot ARC W7FTX 230 Bruin ARC W6YRA 258 Bawating Amateur Group VE3LSC 207 Baccalieu AR Klub/Upper Trinity ARC VO1BRK 101 St John ARC KP2SJ 190 Amargosa ARC KE7SFA 259 Crossover Ham Group KA3UOL 434 Moncton Area ARC VE9MSR 201 International Travel News ARC W6ITN 413 SOLAR N0SFF 170 3 Amigos N4EM 326 VE3MND 276 Sioux Empire ARC W0ZWT 275 Fort Saskatchewan ARC VE6CJ 648 Hendricks Cty ARS N9HC 186 Peruvian-American RC KE0RR 178 Thick Mountain Group KB3GDG 351 Texins ARC/Richardson Wireless Klub K5DM 247 Presque Isle Cty ARC WB8TQZ 165 First State ARC K3QBD 434 Acadiana ARA W5DDL 374 N6WIN 1237 W4SEC 407 West Island ARC VE2CWI 340 KS7T 760 Lanark & North Leeds ARES® VE3LCA 470	10,096 SDG 7,580 IL 6,294 IN Robert F Heytow Memorial RC 5,802 IL EMARC / TAC 5,758 MI Tucson TRACON ARC 5,744 AZ Lafayette DX Assn 5,726 IN Buckeye DX Club 5,522 OH Case ARC 4,288 OH K9ZA 1143 Greer ARC 4,254 SC Murphy's Law Radio Group 4,240 NTX Bear Mountain Group 4,186 NM FAULT K1LT 1007 Dr Loomis Memorial Junior Mechanics League W3KDR 1174 VE2FET 950 Neurosa Gopher Munchers AE6C 928 Assn Radio Amateurs of Southern New England W1AQ 1101 Big Hill ARC K0HP 771 Sam Houston AR Club 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Laboratories ARC W5MPZ 787 Newton ARA W0WML 433 Athens County ARA W8MHV 456 Pepin Hill AR & TV Society K10F 623 Owensboro ARC K4HY 510 4-landers in CA K0DI 527 Bass Hill Repeater Group W1KX/1 503 Benton ARS K5NE 531 First State ARC K3QBD 434 Acadiana ARA W5DDL 374 N6WIN 1237 W4SEC 407 West Island ARC VE2CWI 340 KS7T 760 Lanark & North Leeds ARES® VE3LCA 470	10,096 SDG 7,580 IL 6,294 IN Robert F Heytow Memorial RC 5,802 IL EMARC / TAC 5,758 MI Tucson TRACON ARC 5,744 AZ Lafayette DX Assn 5,726 IN Buckeye DX Club 5,522 OH Case ARC 4,288 OH K9ZA 1143 Greer ARC 4,254 SC Murphy's Law Radio Group 4,240 NTX Bear Mountain Group 4,186 NM FAULT K1LT 1007 Dr Loomis Memorial Junior Mechanics League W3KDR 1174 VE2FET 950 Neurosa Gopher Munchers AE6C 928 Assn Radio Amateurs of Southern New England W1AQ 1101 Big Hill ARC K0HP 771 Sam Houston AR Club AI5M 781 South Georgian Bay ARC VE3SGB 1312 Bozo and the Lids W9TG 702 Central WI Radio Amateurs K9UW 923 Union Metropolitaine des Sans-filistes de Montreal VE2UMS 917 Page Valley ARC K4PMH 811 W8A 974 W2GSA 630 Alberta Clippers VE6EX 703 Portland Radio CC KK7PR 1027 Kentucky Contesters KY4CW 607 Boulder ARC W0DK 1500 IOOK Vice Presidents W8ED 759 Dick Turpin Memorial ARC W2IMU 642 The Crashing Tower Group KD2A 1070 Sandia National Laboratories ARC W5MPZ 787 Newton ARA W0WML 433 Athens County ARA W8MHV 456 Pepin Hill AR & TV Society K10F 623 Owensboro ARC K4HY 510 4-landers in CA K0DI 527 Bass Hill Repeater Group W1KX/1 503 Benton ARS K5NE 531 First State ARC K3QBD 434 Acadiana ARA W5DDL 374 N6WIN 1237 W4SEC 407 West Island ARC VE2CWI 340 KS7T 760 Lanark & North Leeds ARES® VE3LCA 470	10,096 SDG 7,580 IL 6,294 IN Robert F Heytow Memorial RC 5,802 IL EMARC / TAC 5,758 MI Tucson TRACON ARC 5,744 AZ Lafayette DX Assn 5,726 IN Buckeye DX Club 5,522 OH Case ARC 4,288 OH K9ZA 1143 Greer ARC 4,254 SC Murphy's Law Radio Group 4,240 NTX Bear Mountain Group 4,186 NM FAULT K1LT 1007 Dr Loomis Memorial Junior Mechanics League W3KDR 1174 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4-landers in CA K0DI 527 Bass Hill Repeater Group W1KX/1 503 Benton ARS K5NE 531 First State ARC K3QBD 434 Acadiana ARA W5DDL 374 N6WIN 1237 W4SEC 407 West Island ARC VE2CWI 340 KS7T 760 Lanark & North Leeds ARES® VE3LCA 470	10,096 SDG 7,580 IL 6,294 IN Robert F Heytow Memorial RC 5,802 IL EMARC / TAC 5,758 MI Tucson TRACON ARC 5,744 AZ Lafayette DX Assn 5,726 IN Buckeye DX Club 5,522 OH Case ARC 4,288 OH K9ZA 1143 Greer ARC 4,254 SC Murphy's Law Radio Group 4,240 NTX Bear Mountain Group 4,186 NM FAULT K1LT 1007 Dr Loomis Memorial Junior Mechanics League W3KDR 1174 VE2FET 950 Neurosa Gopher Munchers AE6C 928 Assn Radio Amateurs of Southern New England W1AQ 1101 Big Hill ARC K0HP 771 Sam Houston AR Club AI5M 781 South Georgian Bay ARC VE3SGB 1312 Bozo and the Lids W9TG 702 Central WI Radio Amateurs K9UW 923 Union Metropolitaine des Sans-filistes de Montreal VE2UMS 917 Page Valley ARC K4PMH 811 W8A 974 W2GSA 630 Alberta Clippers VE6EX 703 Portland Radio CC KK7PR 1027 Kentucky Contesters 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Harris Intersil ARC			Lynchburg ARC			Hambuds			New Providence ARC			
K4HRS (+WA4AQV)			K4CQ 1072	2 30	4,692 VA	K4SE 879	2 21	3,106 STX	N2XJ (+KC2WUF)			
1758 2 24	6,658 SFL		Halifax ARC			Dial Radio Club	528	2 25	2,264 NNJ			
Motor City RC			VE1FO (+VE1QD)			K8PI (+W8BLV)			Blackstone Valley ARC			
WB8MRM (+W8GTZ)	1790 2 44	6,414 MI	1413	2 42	4,674 MAR	813	2 38	3,104 OH	W1DDD (+W1BRU)			
Explorer Post 599			Mid-MO ARC			Colorado Mountain Moguls			491 2 26	2,262 RI		
WA2DFI (+W7BSA)	1819 2 20	6,406 AZ	N0SS (+K0ETY)			W0DZ (+W0GMJ)			Fresno ARC			
1K1RK 1668 2 42	6,196 EMA		1087	2 35	4,662 MO	681	2 25	3,068 CO	W6TO 570 2 10	2,244 SJV		
Cape Fear ARS			San Mateo RC			Hospital Disaster Support Comm System			Irvine Disaster Em Comm			
K4MN (+KA4ULH)	1567 2 30	6,190 NC	W6UQ (+KJ6FIC)			N6ER (+WB2LRRH)			N6IPD (+K6PBY)	476 2 35	2,242 ORG	
Alamance ARC			1289	2 20	4,530 SCV	591	2 72	3,050 ORG	Southwest LA Amateur Repeater Club			
K4EG (+W4VGZ)	1533 2 30	6,138 NC	Massillon ARC			W5BII (+K5LCW)			W7GV 461 2 21	2,222 AZ		
Schaumburg ARC			W8NP (+N8DJD)			990	2 40	3,004 LA	Green Valley ARC			
N9RJV (+KA9QGG)	1378 2 43	6,080 IL	1183	2 35	4,490 OH	Cedar Valley ARC			WE7GV 461 2 21	2,222 AZ		
Montgomery ARC			North East Tarrant Cty ARC			W0GQ (+W0MRZ)			OARS			
W4AP 1534 2 40	5,974 AL		N5EOC (+N1OZ)			730	2 60	2,948 IA	KD8SQ (+KD8GWZ)			
Williamson Cty ARC			Pen Bay ARC			Pamlico ARS			670 2 8	2,210 OH		
WC5T (+W5C)	1630 2 25	5,906 STX	W1PBR (+NY1B)			N4PRS (+AI4WL)			Heartland DX Assn			
Ski Country ARC			856	2 16	4,450 ME	Tallahassee ARS			N10DX 536 2 8	2,206 NE		
K0RV (+WW0AL)	1579 2 36	5,860 CO	Schuylkill Amateur Repeater Assn			K4TLH 569	2 70	2,884 NFL	AE6ZV 720 2 9	2,204 SB		
Monroe Co Radio Comm Assn			W3SC (+W3EEK)			ARES LAX			West Allis RAC			
W8PI (+WB7DWL)	1681 2 15	5,800 MI	1080	2 25	4,434 EPA	WA6P (+NY6Y)			W9FK 668 2 15	2,154 WI		
W/K ARC of Greater Milwaukee			W9MQB (+W9FIB)			735	2 79	2,872 LAX	East Bay ARC			
N9AW 1506 2 11	5,790 WI		899	2 12	4,378 WI	EPCom			W6CUS 479 2 35	2,140 EB		
MARCA			Trojan ARC			VE7PCE 893	2 25	2,866 BC	Elko ARC			
W7MOT (+WN7TSY)	1633 2 22	5,702 AZ	NW0K 1065	2 7	4,362 KS	Oxford Cty ARES			W7V (+W7LKO)			
K0LIR 1595 2 31	5,680 MO		W1TU (+KB1CEJ)			W1OCA (+N1YIS)			Hoosier Hills Ham RC			
Smith Chart ARS			1012	2 20	4,360 ME	605	2 31	2,850 ME	W9QYQ 393 2 11	2,134 IN		
K4OO 1438 2 10	5,620 VA		Des Moines Radio Amateurs Assn/			Table Mtn Boys			Montgomery ARC			
Philips ARC			AR Technical Soc			N7QT 638	2 3	2,814 EWA	KV3B (+W3EXP)			
W1HP (+KD1NA)	1379 2 20	5,618 EMA	W0AK (+W0SCI)			East Greenbush ARA			429 2 40	2,134 MDC		
Central OR DX Club			1036	2 44	4,284 IA	W2EGB (+K2CK)			Lowell AR Youth Club			
N7LE 1472 2 13	5,594 OR		Prime ARA/St. Clair ARC			923	2 35	2,774 ENY	K8LHS 741 2 9	2,132 MI		
Motorola ARC - Schaumburg			K9HQ 1274	2 7	4,268 IL	Algoma ARC			Lincoln Cty Volunteer Communicators			
K9MOT 1755 2 18	5,558 IL		WB2QBP (+K2ARC)			VE3SOO 662	2 9	2,730 ON	N4ARR (+NC4LC)			
Sarasota Cty ACS/Suncoast ARS			1513	2 17	4,204 NLI	Garland ARC			511 2 59	2,130 NC		
WC4EM 1626 2 15	5,476 WCF		Ashe County ARC			K5QHD 488	2 22	2,716 NTX	Zero beaters ARC			
Palos Verdes ARC			W4FD (+W4APP)			Metuchen RC			WA0FYA 796 2 12	2,094 MO		
K6PV 1565 2 26	5,468 LAX		922	2 37	4,116 NC	K2YNT 672	2 11	2,674 N NJ	Quarry Top Hams			
Heart O' Texas ARC			Anderson RC			North Idaho Mountain Toppers			N8ZV 648 2 32	2,082 OH		
W5ZDN (+W5TS)			N4AW (+N4SBA)			K7TM 558	2 3	2,622 ID	Reno Cty ARA			
1588 2 38	5,452 NTX		1111	2 26	4,086 SC	Souris Valley ARC			W0WR 404 2 10	2,078 KS		
Kishwaukee ARC			KP4ES 967	2 15	4,072 PR	K0AJW (+KD0JCD)			AC1 (+KB1MSU)	438 2 25	2,078 WMA	
WA9CJN (+N9RFR)	1229 2 15	5,386 IL	948	2 20	4,030 ND	Radio Farm			Jefferson Cty ARC			
Texas DX Society			N0MA (+N0MMA)			1405	2 27	3,978 IA	W7PT 449 2 11	2,062 WWA		
K5DX (+K5UO)	1411 2 20	5,358 STX	Hancock ARC			W9ATG (+N9TT)			W2LRC (+KC2TFS)	446 2 24	2,058 NLI	
MIT Radio Society & Friends			939	2 34	3,908 IN	939	2 34	3,908 IN	Los Alamos ARC			
W1MX (+W1AF)	1332 2 16	5,156 EMA	Utah ARC			W5LRD 737	2 12	2,586 STX	W5PD 442 2 15	2,034 NM		
OH-KY-IN ARS			W7SP (+N7HVF)			Playground ARC			Eastern AZ ARS			
K8SCH (+KG8GAP)	1294 2 25	5,148 OH	862	2 105	3,894 UT	W4ZBB (+K4FWB)			K7EAR (+AF7AT)			
Marietta ARC	1331 2 10	5,142 SFL	979	2 34	3,834 WI	579	2 15	2,528 NFL	400 2 4	2,030 AZ		
W8WH 1454 2 8	5,110 OH		Scorpion Ranch Hands			Seattle ACS/PSRG/West Seattle ARC			South Alabama RC			
Lighthouse AR Alliance			WS4Y 1241	2 9	3,806 KS	W7ACS (+WW7PSR)			WC4M 327 2 14	2,026 AL		
K4LRA 1285 2 18	5,092 SFL		Montrorse ARC			518	2 91	2,526 WWA	Gateway Technical College ARC			
Meriden ARC			K0IIT (+KC0QXX)			655	2 24	2,514 WNY	N9GTC 395 2 16	2,024 WI		
W1NRG (+KB1CIW)	1137 2 34	5,088 CT	924	2 37	3,716 CO	Salem City ARES/RACES			Androscoggin Valley RC			
Purveyors of Doom DX'n Club			Twin Cities Repeater Club			N2FI (+WB2B)			K1AVR 500 2 12	2,024 NH		
W9UFO 1851 2 6	5,084 NM		W0BU 799	2 18	3,714 MN	751	2 16	2,504 SNJ	Martin Cty ARES/MCARA			
Ascension ARC			711	2 24	3,688 IA	Middle TN ARS, Inc.			K4ZK 584 2 42	2,018 SFL		
K5ARC 1201 2 35	5,064 LA		Crown Radio Group			W4UOT (+AJ4QR)			North Country ARC			
Candlewood AR ARA			W3RP 931	2 4	3,660 WPA	463	2 37	2,500 TN	W2LCA (+K2CC)			
W1QI 1518 2 19	5,034 CT		Azalea Coast ARC			Sierra Blanca ARC			414 2 15	2,008 N NY		
Northern AZ DX Assn and Coconino ARC			AC4RC (+W3NZ)			KR5NM (+K5RIC)			Coastside ARC			
W7FYW (+NF7E)	1227 2 15	5,028 AZ	796	2 20	3,610 NC	488	2 20	2,498 NM	WA6TOW 467 2 17	2,004 SCV		
Oregon High Desert CC			Heart of Dixie ARS			Pine State ARC			W0W 452 2 10	2,004 MS		
K7AW 1310 2 3	5,020 OR		W4HOD 739	2 6	3,594 AL	N1ME (+W1JFF)			Sullivan ARC			
Clay Center AR & Waltham ARA			N6MI 947	2 11	3,570 SCV	663	2 45	2,482 ME	W0W (+KD5ZIQ)			
W1CLA (+W1MHL)	1400 2 28	5,000 EMA	Hilltop Hillbillys AR Group			AC4XQ 876	2 14	2,458 SFL	323 2 32	2,002 MO		
Mountaineer ARA			K1XI 1321	2 10	3,564 ME	AK9G (+WX9PAL)			Okaw Valley ARC			
W8SP 1310 2 23	4,988 WV		Ottawa ARC			598	2 17	2,452 IL	KK9N (+W9KXQ)			
Koolau Amateur RC			VE3RC 780	2 50	3,522 ON	Port St Lucie ARA			433 2 15	1,988 IL		
KH6J 1388 2 25	4,978 PAC		N5RD (+KA5KBP)			W8HW 732	2 25	2,434 SFL	NHRC ARS			
TN Valley DX Assn			1081	2 15	3,480 LA	637	2 17	2,442 IA	W1CUM 594 2 11	1,980 NH		
W4PL (+WA4AA)	1087 2 42	4,958 TN	Green River Valley ARS			Mich-A-Con ARC			W8DO 525 2 10	1,952 MI		
W3MIE (+N3QQH)	1277 2 46	4,950 WPA	919	2 12	3,434 IL	KC8VC (+K9TRY)			Neptune ARC			
Rochester Oakland CERT			The Villages ARC			479	2 10	2,424 MI	W2NRC (+N2GT)			
K8ED 1192 2 14	4,936 MI		K4VRC (+K4DY)			570	2 13	2,422 MDC	Riverside Cty ARA			
Lakes Region Repeater Assn			679	2 60	3,428 NFL	Englewood ARS			W6TJ 413 2 37	1,934 ORG		
W1UR (+W1B5T)	1679 2 38	4,860 NH	Charlestow ARS			N4EAR 579	2 16	2,386 WCF	M&M Amateur Radio Club			
Vintage Iron RC			KA1RI (+KW2G)			617	2 23	2,408 SV	W8PIF 831 1 44	1,931 MI		
N3KR (+N3OD)			719	2 20	3,414 RI	South Wahkiakum ARS			Arlington ARC			
Williamsburg Area AR C			Pearl River Cty ARC			WW7LW 652	2 5	2,402 WWA	K5SLD (+AE5PC)			
K4RC (+K6OWD)	1232 2 31	4,834 VA	W5PMPS (+K5RST)			Englewood ARS			362 2 72	1,918 NTX		
Dickson Cty ARC			953	2 22	3,404 MS	N4EAR 579	2 16	2,386 WCF	Iroquois Cty ARC			
WC4DC (+AF4YL)	1686 2 6	4,842 NNJ	Kent Cty ARC			603	2 4	2,344 OH	W9RWX (+W9GRS)			
1094 2 13	4,828 TN		W3HZW (+KE3UY)			AA8BV 603	2 4	2,344 OH	317 2 31	1,910 IL		
			638	2 35	3,320 DE	South Baldwin ARC			Delaware Valley RA			
			VE3ZI 903	2 14	3,274 ON	AF4I 469	2 21	2,340 AL	W2ZQ (+KB2SYB)			
			VE7RAR (+VE7ODY)			Franklin City ARC			320 2 56	1,910 SNJ		
			599	2 29	3,196 BC	WE4A 525	2 15	2,298 NC	Johnson City ARA			
			W4BLA 865	2 25	3,186 NC	K5TYR (+W5ETX)			W4ABR 304 2 35	1,904 TN		
			Valencia Cty ARC			552	2 64	2,294 NTX	W4BFB (+NC4DP)			
			K5OUR (+KC5OUR)			867	2 17	2,294 NTX	433 2 45	1,904 NC		
			651	2 97	3,168 NM	South Kitsap ARC			Renton Em Comm Service			
			N7IG (+N7CQ)			745	2 22	3,146 WWA	K7FDF (+K7OTV)			
			W4TAD 753	2 10		867	2 17	3,122 WV	322 2 21	1,900 WWA		
			W6SJC (+KF6IY)			532	2 42	2,266 SCV	Moreno Valley ARA			
						385	2 30		AB6MV (+K16SOT)			
						N0ZS 524	2 26		518 2 4	1,898 MO		
						NX0G 518	2 4		1,894 CO			

Sonoma City Radio Amateurs Inc	Hot Spring City AR Emergency Net	Ouachita ARA	Carolina ARES
W6SON (+W6LFJ)	W5AR 242 2 21 1,460 AR	W5HUM 388 2 7 1,186 AR	WX4SC 153 2 18 856 SC
407 2 37 1,886 SF	Tri-States ARC	Laguna Beach Em Comm Team	Plumas ARC
Prescott-Russell ARES	W4GTA 348 2 7 1,446 GA	N6L (+KE6GFF)	K6PLU 196 2 10 852 SV
VE3PRV 500 2 14 1,884 ON	FILAMARS of San Diego	97 2 50 1,184 ORG	Yellowknife ARES
Ocean State ARG, Inc.	N6DU 423 2 15 1,436 SDG	Central AR UHF/ AR Em Radio Service	VE8YK 101 2 13 842 NWT
K1OS 651 2 6 1,866 RI	Milwaukee RAC	N5AT 163 2 63 1,184 AR	Navarro Amateur RC
Middle Peninsula ARC	W9RH 306 2 3 1,434 WI	3 Rivers ARC	N5VO 96 2 21 842 NTX
W4HZL 400 2 20 1,840 VA	UCSC ARC	KK3ARC 145 2 50 1,180 ID	Ontario Science Centre ARC
Kootenai ARS	AC6P 199 2 26 1,432 SCV	Pearland ARC	VE3OSC 168 2 7 832 ON
K7ID 336 2 48 1,840 ID	ARC of Alameda	K5PLD 202 2 22 1,166 STX	Davis Family
Nanaimo ARA	K6QLF (+KF6UVB)	Beaufort RA Group	W9ZB 220 2 4 824 WI
VE7NA 363 2 18 1,828 BC	171 2 50 1,430 EB	W4BFT (+K3LLH)	K5PAL (+KE5AAY)
Bloomington ARC	Knob Hill Krew	195 2 20 1,142 SC	79 2 20 808 NTX
K9DIY (+K9SOU)	K5K 297 2 4 1,424 NTX	Three Rivers ARC	Clarksville Amateur Transmittng Soc
350 2 68 1,824 IN	WD5DDH (+KB5YYK)	W0END 209 2 6 1,132 ND	KF4L 168 2 12 800 TN
Peoria ECRT	332 2 25 1,422 NTX	West Palm Beach ARC	Long Island AR Simplex Club
WX9JC 664 2 10 1,818 IL	Chesapeake Bay RA	W2CB 291 2 32 1,132 SFL	W2LIS 219 2 10 788 NLI
Green Bay Mike and Key Club	WD3E 386 2 13 1,416 MDC	Koomer Ridge Contesters	Marshall Radio
K9EAM 378 2 27 1,802 WI	Bloomington Comm Group	K3QY 416 2 4 1,132 KY	AA7SM 217 2 3 784 UT
Los Angeles ARC	WC0AAA (+KD0CL)	Henry City ARC	Columbia ARS
W6QET 313 2 21 1,802 LAX	288 2 30 1,406 MN	K8TII (+W8FK)	NF4CQ 40 2 20 780 NFL
W6SF 578 2 15 1,792 SJV	Fredleebud FD Group	234 2 15 1,124 OH	Walvo Cty ARA
Eastern Shore ARC	N7CW 386 2 3 1,392 AZ	Puerto Rico FD Group	N1TN 163 2 25 776 ME
K4BW 336 2 23 1,786 VA	Frederick ARC	KP4FD 270 2 12 1,118 PR	Black Diamond RG
Rockwall / Trinity Valley ARC	K3ERM 270 2 15 1,382 MDC	Helena ARC	KX9M 256 2 8 766 WI
K5RKW 285 2 35 1,776 NTX	W0GOR 215 2 6 1,382 ORG	W5HAR (+N5MIG)	Small Town AR Service
Mt Magazine ARC	Quinte ARC/Prince Edward RC	59 2 10 1,112 AR	W5STR 236 2 22 762 AR
W5MAG 660 2 10 1,770 AR	VE3RL 393 2 20 1,380 ON	Charles City ARC	Every ARS
K4ACW (+WN4S)	SARES	K3SMD 140 2 9 1,110 MDC	K0EAR 125 2 3 744 MO
411 2 11 1,764 GA	K6SNY 211 2 50 1,372 SCV	West Virginia Amateur Radio	ID Society of Radio Amateurs - Boise
Theodore Roosevelt ARC	Addison Cty ARA	WV8AR 253 2 25 1,106 WV	Chapter
K0ND 506 2 22 1,762 ND	N1FS 897 1 20 1,362 VT	Penn-Mar RC	K7BSE 116 2 12 742 ID
21 Repeater Group / Kendallville Contesters	STARS	W3MUM 320 2 15 1,090 EPA	W8SAI 147 2 3 712 OH
N9VI (+K8IAT)	W9SRC (+AB9JW)	Friends of AR Operating Unusually	Toronto ARC
553 2 23 1,756 IN	184 2 30 1,360 IL	K2BC 267 2 5 1,082 NNJ	VE3TNC 224 2 12 698 ON
Midwest ARS	Mayes Cty ARC	Kauai ARC	Team PIR
W9MAR (+KA9NOO)	WX5MC 165 2 7 1,350 OK	KH6E 314 1 20 1,079 PAC	K7PIR 232 2 3 684 AZ
278 2 10 1,752 IN	Central MS ARA	Wexaukeee ARC	W4KP 145 2 8 680 KY
K4NAB 338 2 11 1,750 SC	W5W 150 2 10 1,350 MS	K8CAD (+N8NJA)	Pike City ARC
Hannibal ARC	KF5ADC 241 2 37 1,346 STX	272 2 19 1,074 MI	W9UL 123 2 10 678 IN
W0KEM 444 2 15 1,702 MO	Tipppecanoe ARA	Lake Chelan RC	Haywood Cty ARC
W9JQZ 212 2 35 1,664 IN	W9REG (+WB9SWD)	K7YR 374 2 4 1,062 EWA	K14SLZ 160 2 8 670 NC
Yavapai ARC / Yavapai Cty ARES/RACES	297 2 23 1,330 IN	Summerside ARC	Broward ARC
W7YRC 304 2 25 1,662 AZ	Huron ARA INC	VY2PEI 374 1 24 1,058 MAR	W4AB 99 2 30 668 SFL
435 hammers	W0NOZ 271 2 16 1,326 SD	Bankhead ARC	USC ARC
K2AOQ 416 2 6 1,644 WNY	N4IDX 387 2 12 1,326 AL	Foothills ARC	W6YV 109 2 3 668 LAX
Parkersburg AR Klub	FL Atlantic Univ ARC/BRARA	W4HF 254 2 6 1,058 NC	Georgian Bay ARC
N8NBL 348 2 28 1,626 WV	K4FAU (+WB4QN)	W3W 140 2 31 1,038 EPA	VE3OSR 305 2 15 668 ON
West River RC	314 2 30 1,320 SFL	Clinton AR Service	4X4Ham
WR1VT (+W1CWB)	Bryan ARC	KJ4TRK 167 2 31 1,034 TN	W7AZO 170 2 40 664 AZ
345 2 28 1,622 VT	W5BCS 365 2 35 1,316 STX	Pahrump AR Repeater Assn	Daviess Cty ARC
Hiawatha ARA of Marquette Cty	Shuswap ARC & North Okanagan	K1NV 296 2 11 1,034 NV	N3TN 103 2 12 656 WPA
K8LOD (+KD8MAE)	Radio Amateur Club	3 HAMS	Montgomery ARS
361 2 21 1,618 MI	VE7RAW (+VE7DNG)	WA8FZZ 220 2 3 1,034 NC	NC4MC (+KJ4VLH)
Littleton Area Radio Klub	Santa Clarita ARC	Alamogordo ARC	113 2 8 652 NC
K1EME 326 2 10 1,602 NH	W6JW 194 2 25 1,308 LAX	K5LRW 212 2 30 1,020 NM	YKARS
Gainesville ARS	WARA	River City ARA	VE6RAC 29 2 5 650 NWT
K4GNV (+KC4MHH)	VE7VCC 331 2 11 1,308 BC	K4K 135 2 12 1,020 KY	Mizpah Shrine Radio Unit
290 2 20 1,596 NFL	ARC of Augusta	Club de Radio Amateur Outaouais Inc	W9FEZ 260 2 8 632 IN
Half Moon Bay ARES	W4DV 188 2 12 1,304 GA	VE2CRO (+VE2SY)	KB6DMZ 88 2 14 626 ORG
WR6HMB 392 2 15 1,592 SCV	Michigan City Porter & LaPorte Cty	314 2 20 1,018 QC	W0QMF (+W0RM)
Kamloops ARC	W9SAL (+W9LY)	N9TO 215 2 4 1,012 IL	156 2 12 612 MO
VE7UT 324 2 10 1,590 BC	272 2 25 1,298 IN	Penasco Valley ARC	Phillips Cty ARC
Trident ARC	Edison AR Network	K5PVR 227 2 11 1,010 NM	W0ZKN 80 2 14 610 KS
N4EE (+W4ANL)	W6SCS 424 2 12 1,286 LAX	Kingsport ARC	C17 SIM TECHS
270 2 25 1,586 SC	Ogle Cty ARES	W4TRC 305 2 15 1,010 TN	NE5JK 129 2 3 604 OK
Winona ARC	W9GD 308 2 5 1,278 IL	K3STAR 379 2 6 1,008 EPA	Red River Radio Amateurs
W0NE 217 2 25 1,584 MN	RADOPS of El Jebel Shrine	Stanly Cty ARC	W0ILQ 155 2 10 602 ND
Greater Nebraska ARL	K0FEZ 320 2 17 1,274 CO	K4OGB 310 2 14 1,008 NC	Panoramaland ARC
K0GNE 221 2 7 1,574 NE	Laurel ARC	W6BW 224 2 16 1,000 SJV	K7JAR 337 2 13 984 EWA
VE7AFA (+VE7GMG)	W3LRC 277 2 10 1,262 MDC	Woodford Cty ARC	TARA
503 2 25 1,560 BC	Central Missouri RA	W4YWC 105 2 23 980 KY	Woodford Cty ARC
SC4 ARC	K0SI 245 2 30 1,260 MO	Renfrew Cty ARC	W2DQ 135 2 27 920 NLI
W6SCF 332 2 44 1,556 SCV	Paulding ARC	VA3NRR 159 2 28 976 ON	Flint Hills ARC
Gold Coast ARA	W4TIY 201 2 15 1,252 GA	Martinez ARC	KB0VAC 172 2 5 918 KS
N4FL 320 2 55 1,554 SFL	Convair/220 ARC	KF6HTE 159 2 25 968 EB	Flood Street Irregulars
W5AUU 450 2 25 1,550 AR	W6UUS 297 2 30 1,248 SDG	N7N 205 2 3 962 UT	N7NQ 205 2 3 962 UT
Maumee Valley CC	BARC	Manhattan Area ARS	Nanucket ARA
W8OH 598 2 3 1,546 OH	K2EC 347 2 20 1,244 NLI	KS0MAN 240 2 10 956 KS	Gulf Coast ARC
Bears Seattle	Mayerthorpe Flying Tigers	W6UUS 297 2 30 1,248 SDG	WA4GDN 182 2 41 952 WCF
K7NWS (+N7XTL)	VE6FT 492 1 13 1,243 AB	W7DAO 177 2 3 504 EWA	Winnipeg ARC
285 2 14 1,536 WWA	Moosehorn ARC	W1TKZ 62 2 21 506 EMA	W4RYZ 47 2 5 502 NFL
Dayton ARA	AL7LE 196 2 30 1,242 AK	Owen Cty ARA	Brookby ARG
W8BB (+W8HEQ)	W3S 245 2 11 1,240 WPA	K9EOH 99 2 6 944 IN	W1BBV 41 2 5 482 EMA
424 2 55 1,528 OH	Rio Hondo ARC	Suffolk Cty RC	University ARC
Northeast WY ARA	W6GNS 294 2 16 1,234 LAX	W2DQ 135 2 27 920 NLI	N7JW 91 2 24 482 WY
NE7WY 298 2 19 1,526 WY	Anoka Cty RC	Pioneer AR Fellowship	Carteret Cty ARS
Egyptian RC	W0YFZ 234 2 33 1,228 MN	W8CTT 117 2 5 894 OH	W4YMI 132 2 15 904 NC
W9AUJ 285 2 23 1,524 IL	Milford ARC	KD1HF 260 2 3 890 EMA	Clinton Cty ARS
Sand Hill ARC	W8YDK (+KC8GFN)	W0ARC (+AB0DX)	W44BD 162 2 62 914 MB
W0MI 288 2 25 1,520 KS	204 2 10 1,226 MI	174 2 24 908 IA	W0ARC (+AB0DX)
Northwest OH ARC, Inc.	Clinton Cty ARC	W4YMI 132 2 15 904 NC	W4YMI 132 2 15 904 NC
W8EQ 304 2 12 1,520 OH	W9AH 248 2 25 1,216 IN	Watertown ARC	Conneaut ARC
OCRACES	Heart of TX Ham Operators Group	N9HR 193 2 14 900 WI	W8BHZ 59 2 7 468 OH
W6AC5 (+W6HJK)	WA5HOT 160 2 6 1,216 STX	Pioneer AR Fellowship	Richmond ARC
294 2 14 1,502 ORG	Flathead Valley ARC	KD1HF 260 2 3 890 EMA	W4ZA 19 2 25 458 VA
Ogensburg ARC	238 2 15 1,220 LAX	Jim Bell Wireless Assn	Pontotoc Cty ARA
K2RUK 279 2 14 1,498 NNY	K7LYY 369 2 7 1,210 MT	K4TNS (+W4TDE)	KE5BWG 60 2 13 420 OK
Chattanooga ARC	Sweetwater ARC	82 2 6 874 AL	KC8BED 68 2 14 386 OH
W4AM 419 2 15 1,488 TN	WY7U 299 2 10 1,208 WY	Alger ARC	Heritage Harbour ARS
Indian Hills RC	K6SRA 124 2 6 1,204 SCV	KC8BAN 186 2 15 862 MI	K3TEZ 54 2 9 378 MDC
W8DDD 277 2 8 1,482 OH	WM5T (+WB5NET)	North Jeffco ARL	Mid-State ARC
Rains ARA/ Hopkins Cty ARC	205 2 17 1,200 LA	KD0KOB 154 2 6 858 CO	N9LC 65 2 6 180 IN
W5ENT 180 2 20 1,472 NTX			
Northwest AR & Electronics Assn			
W0KE 388 2 26 1,466 MO			
Pitt Community College ARC			
K4PCC 271 2 9 1,464 NC			

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								
AE3J	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								
VA3OQV	74	5	5	1,580	ON			
Tango ARS								
K9TAS (+W9INL)	77	5	5	1,340	IN			
Benton Cty ARES								
K7CVO (+W7OH)	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 (+KW20)	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								
WGULI	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 City ARC								
WR4RC	241	2	7	750	VA			
Community Service RC								
WOP	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 DC Assn	4042	2	42	16,510	WNY			
W2RDX (+W2AN)	3575	2	18	13,414	NM			
W5UR (+K5HAB)	3801	2	11	12,430	WY			
North East WY Contest Assn								
WY7FD (+WY7SS)								
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 (+W1NLK)	2696	2	50	9,492	CT			
N4N FD Group								
N4N (+KE4UW)	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 (+NQ4K)	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 (+KB5YEG)	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 City 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	WWA			
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 (+W3GCR)	1308	2	25	5,654	MDC			

Rusty, W6OAT, mentors Rodna Presley, KJ6GVQ, at the Palo Alto Amateur Radio Association, W6ARA, operation.



JAMES W. BROWN, K9YC

San Fernando Valley ARC			AF6AV	1098	2	6	2,562	SDG	Reading RC, Inc.			Whitley Cty ARC								
W6SD (+KJ6CNK)	691	2 48	3,312	LAX	New Bern ARC				W3BN	368	2 44	1,906	EPA	WC9AR	390	2 40	1,480	IN		
Dog Hollow Contest Group			W4EWN	457	2	23	2,556	NC	Bill Gremillion Memorial RC			Soc of Newfoundland Radio Amateurs/			Avalon RAC					
AK9D (+WG0TA)	814	2 5	3,302	MO	Milton ARC				K4NRC (+K4PMR)	476	2 32	1,890	GA	VO1AA	155	2 16	1,472	NL		
Austin TX ARC	W5KA (+K5LBJ)	726	2 92	3,284	STX	Delta ARC			K5BWD (+AE5HP)			South Park Marauders			WV0H	397	2 16	1,468	CO	
Lakeland ARC	K4LKL (+K1DU)	649	2 40	3,268	WCF	W4BS (+W4GM)	648	2 85	Brownwood ARC	422	2 40	1,876	NTX	K7CCH	295	2 35	1,464	OR		
Long Island Mobile ARC	W2VL (+WV2LL)	714	2 93	3,254	NLI	Oakland Radio Comm Assn	WW6OR	553	2 45	2,524	TN	Peconic ARC			Madison-Oneida ARC					
W2VLT (+WV2LL)					WW6OR	553	2 45	2,512	EB	W2AMC	438	2 35	1,876	NLI	W2MO	220	2 16	1,444	WNY	
Lake Area Radio Klub	W9WTN	560	2 28	3,206	SD	CVARA			Western Lake Country ARES	W9WLC	518	2 14	1,866	IL	Irving ARC			Luce Moose-keepers		
Franktown FD Group	W0CBH	1055	2 10	3,172	CO	W2RME (+W2MK)	353	2 27	Chicago Suburban RA	N9BAT	404	2 28	1,864	IL	W8NBY	391	2 15	1,442	MI	
Milford ARC	W8MRC	781	2 44	3,158	OH	New River Valley ARC	N4NRV	538	2 8	N5BB	336	2 35	1,864	NTX	Dugger ARC	KC9KA (+K9PIE)	335	2 15	1,440	IN
Spring Hill ARC	N4WQ	653	2 24	3,118	NFL	Spartanburg ARC	K4II	559	2 32	COARES	446	2 38	1,810	OH	LCSARO	W7EUG	385	2 23	1,430	OR
Shelby ARC & ARES of Cleveland Co	KM4C	805	2 24	3,102	NC	K4LKL (+K1DU)	649	2 40	Dubois City ARC	N9NAU	551	2 25	2,380	IN	W2IQ (+WOFES)	286	2 37	1,428	TN	
Blue Ridge Radars	W4KA	797	2 46	3,092	SC	Troy ARA	N2TY	482	2 52	WNY	446	2 38	1,810	OH	Montacassett ARA	W1GZ	190	2 9	1,394	WMA
St Louis and Suburban RC	W0SRC	677	2 105	3,088	MO	North Port ARC	W4NPT	444	2 19	Chatham-Kent ARC	446	2 19	2,366	ON	W2OW	437	2 25	1,796	WNY	
Gaston Cty ARS	N4GAS (+K4GNC)	606	2 34	3,082	NC	VE3CRC	466	2 19	Scranton Pocono Amateur Radio Klub	N3IS	551	2 25	2,380	IN	NA1RL (+W1OKY)			Webster County ARES		
W4GAS (+K4GNC)					W9WVII (+N9UGP)	365	2 61	K3CSG (+NA2T)	625	2 31	2,346	EPA	K0S (+KC0OKO)	216	2 24	1,382	MO			
Shenandoah Valley ARC	W4RK	781	2 26	3,080	VA	W0LB	470	2 30	Black Rock Mountain FD Group	655	2 5	2,330	KS	Peace River Radio Assn	W4DUX	450	2 35	1,784	CT	
Goochland Cty ARES / VA District 6 ARES	N4MI	763	2 30	3,052	VA	K4T	655	2 25	RAS of Norfolk	599	2 25	2,314	EPA	W7AUX	369	2 17	1,762	WVA		
Southern Berkshire ARC	W1BAA/2 (+K1LEE/2)	554	2 33	3,042	ENY	Clark Cty ARC	W9WVII (+N9UGP)	365	2 61	K4JOLW)	665	2 31	2,312	IN	W4NPS (+K4JOLW)	352	2 10	1,760	VA	
San Joaquin Valley ARS	WA6SJV (+WA6FFJ)	699	2 30	3,036	SJV	South Bay ARC	W6SBA	651	2 28	W9WVII (+N9UGP)	570	2 3	2,290	LAX	Sierra Foothills ARC	W6EK (+AE6LR)	331	2 18	1,760	SV
Peterborough ARC	VE3RB (+VE3KRG)	672	2 22	2,978	ON	Hamvaders	W9DKB	570	2 30	W9WVII (+N9UGP)	599	2 25	2,290	LAX	Kings Cty RC	W2RAK	331	2 8	1,744	NLI
Grand Rapids ARC	W8DC	680	2 25	2,978	MI	W7W	490	2 10	W9WVII (+N9UGP)	604	2 54	2,284	WI	WAFAR	W9FT	495	2 22	1,740	IL	
Albermarle ARS	K4WO	799	2 30	2,976	NC	W5MPS	458	2 40	Wyandot Area Ham Operators Org	604	2 22	2,272	AR	Southern Oregon ARC	K7LIX (+WM7K)	413	2 10	1,738	OR	
W4AAZ (+K15FR)					W9WVII (+N9UGP)	359	2 10	KD8BNV (+KD8FLT)	625	2 31	2,254	OH	Valley of the Moon ARC	W6AJF	381	2 10	1,730	SF		
Anchorage ARC	KL7AA (+KL7G)	1117	1 33	2,944	AK	W7W	490	2 10	KD8BNV (+KD8FLT)	625	2 8	2,254	OH	N8ARA	419	2 28	1,708	OH		
Cape Ann ARA	W1GLO (+KB1PGH)	466	2 41	2,934	EMA	Nutley ARS	W2GLQ	625	2 8	W9WVII (+N9UGP)	625	2 3	2,240	NNJ	W0UMP	324	2 3	1,700	MO	
Snohomish Cty Hams Club	WA7LAW (+NR3O)	566	2 24	2,930	WWA	Lillian ARG	K4DEY	392	2 11	W9WVII (+N9UGP)	625	2 20	2,212	AL	Rappahannock ARA	K4CERT	444	2 20	2,202	NFL
KC7Z (+NM7E)					W5FC	413	2 49	W9WVII (+N9UGP)	625	2 22	2,212	AL	K4YPM	336	2 14	1,692	VA			
Ellijay ARS	K4LDI	805	2 19	2,896	GA	Dixie AR Team	KE5WEE	604	2 54	W9WVII (+N9UGP)	625	2 22	2,180	ON	Onslow ARC	K4ERT	444	2 20	2,180	ON
Randolph Cty Emergency RC	K4RAN	1070	2 10	2,890	AL	Eaton Cty ARC	W5PAA	359	2 32	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Clark Cty ARC	W7AIA (+K7JAO)	628	2 161	2,830	WVA	Dallas ARC	W5C4R	434	2 15	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
The FPL Group	K8ESQ	727	2 5	2,822	MI	W5FC	413	2 49	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI		
Six Meter Club of Chicago, Inc.	K9ONA	645	2 15	2,810	IL	Club Radio Amateur de Quebec	VE2CQ	500	2 35	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
South Bay ARS	K6QM	651	2 12	2,780	SDG	Aeronautical Center ARC	W5PAA	359	2 32	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Tri-County ARC	WX4TC (+AJ4YR)	802	2 42	2,746	GA	Grumman ARC	W5C4R	434	2 15	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Joplin ARC	W0IN	555	2 20	2,742	MO	W5PAA	359	2 14	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI		
Eastern NM ARC	KA5B	628	2 20	2,734	NM	Wide Area AR Network	W1R	519	2 11	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Northwest IL ARC	W9F (+N9WN)	641	2 20	2,734	IL	Cumberland Valley ARC	W3ACH	342	2 54	W9WVII (+N9UGP)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Kaw Valley ARC	W0CET	553	2 25	2,728	KS	Borderline ARC	W7DRC	569	2 7	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+N9UGP)	567	2 22	2,174	MI	
Brandon ARS	K4TN (+KJ4GEK)	530	2 32	2,716	WCF	W7BAR (+AD7OW)	510	2 30	W9WVII (+AD7OW)	625	2 22	2,174	MI	Pioneer ARC	K4TJF	255	2 10	1,622	NE	
Mount Diablo ARC	W6CX	848	2 75	2,710	EB	K6AGF (+NU6Z)	449	2 24	W9WVII (+AD7OW)	625	2 22	2,174	MI	K0JFN	255	2 10	1,622	NE		
Rolla Regional ARS	W0GS	531	2 22	2,708	MO	St Genevieve Cty ARC	K0QOD (+NOANA)	324	2 14	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI	
Penn Wireless Assn	W3SK	622	2 40	2,678	EPA	W2CRA	342	2 30	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI		
Plano AR Klub	K5PRK (+WA5UP)	580	2 70	2,658	NTX	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI		
Warrensburg Area ARC	W0AU	759	2 42	2,646	MO	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI		
Hidden Valleys ARC	KC9KQ	492	2 39	2,616	WI	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI		
Royal Gorge ARC	NC0A	477	2 25	2,588	CO	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI		
Cooshtoony Cty ARC	W8CCA	414	2 28	2,586	OH	West Santa Barbara ARES	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI	
AR Transmmitting Soc	W4CN	633	2 16	2,580	KY	Huntington Cty ARS	W9WVII (+AD7OW)	449	2 17	W9WVII (+AD7OW)	625	2 22	2,174	MI	W9WVII (+AD7OW)	567	2 22	2,174	MI	

Northeast MO ARC				Macon Cty ARC			Cumberland Plateau ARC		Sky Valley ARC					
W0CBL	110	2	3	970	MO	N0PR (+AB0C)	W4CV (+KJ4RRZ)	W7SKY	615					
Capital City ARS				884	2	12	3,426	MO	2	22	2,812	WWA		
AA3DC	261	2	15	968	MDC	K5M Consortium	1373							
NJ2GC	54	2	13	968	SNJ	K5M	2	7	Estes Valley ARC	Triangle ARC				
NorWesCo				680	2	7	2,776	WTX	K8BLP (+K8HGY)	K8BLP (+K8HGY)				
N9PHS	78	2	3	926	WI	CBF ARC	1282	2	N0FH (+N0FHS)	521				
BAT Ham				870	2	33	2,254	OH	Central Kansas ARC & KWU RC	2	14	2,730	OH	
WT7E	288	2	14	926	ID	White Mountain ARC	1514	2	7	W0CY (+KA0KWU)	521			
Old Post ARS				W0UK	2	50	1,992	KS	5873	2	20	2,684	KS	
W9EOC	118	2	15	886	IN	RA of WNY	1282	2	7	Southern PA ARC	2	11	2,610	EPA
Mercury Northwest				W2PE	2	15	1,764	WNY	K3IR	616				
W7MNW (+K09G)	120	2	17	Fayette Cty ARC		K3DN	1757	2	35	Silvercreek ARA	823			
				KK4GQ	2	13	1,642	GA	W8WKY	2	13	2,598	OH	
220 MHz Guys				Cascade RC		Green Mtn Wireless Soc	1476	2	26	North Hills ARC				
W9BBQ	93	2	7	880	WWA	W7EK	1476	2	26	K3GT (+W3EXW)				
Delaware Cty ARES-RACES				878	EB	Cumberland ARC	436	2	19	Medina 2 Meter Group	479			
W3AEC	64	2	4	878	EB	K3IEC	426	2	16	W8HN (+W8EOC)	2	68	2,486	WPA
Ohio Valley Experimenters Club				870	OH	Club Radio Amateur de l'Estrie	1412	2	19	Northern Berkshire ARC	1412			
DKL8BS	203	2	15	VE2RAE (+VA2MZ)		VE3AIR	1224	2	30	N1VT (+AB1CH)	5,338			
				870	OH	Kennehoochee ARC	1224	2	30	5,298	WMA			
220 MHz Guys				870	OH	W4BTI	1302	2	106	W4BTI	5,298			
W9BBQ	93	2	7	870	OH	NE4SC	283	2	16	W5238	GA			
Delaware Cty ARES-RACES				870	OH	K3IEC	426	2	16	Eastern Connecticut ARA	5,238			
W3AEC	100	2	7	870	OH	Stubblefield Repeater Club	1579	2	30	K1MUJ	5,144			
Fulton Cty ARC				870	OH	K4HJ	222	2	16	Manotick ARG				
K9ILS	127	2	18	846	IL	ARA of the Southern Tier	222	2	16	VE3AIR	2	57	4,764	ON
Madison Cty DX Club				836	IA	W2ZJ	168	2	25	Washington Amateur Communications				
KK0G	93	2	24	836	IA	Sylvan Springs ARC	1253	2	73	WA3COM (+KC3HW)				
Oak Forest ARC				836	IA	KJ4SWD (+KA4BRG)	106	2	32	1,062	WPA			
KE5TRB	88	2	11	832	STX	Beach & Inland Group of Emergency	106	2	32	1,062	AL			
Delmarva ARC				832	STX	Amateur Repeater System	1302	2	106	Oregon Tualatin Valley ARC	510			
K3DRC	151	2	11	828	MDC	NE4SC	283	2	16	W7OTV	2	15	2,302	AL
Disney Emergency AR Service				828	MDC	K6EO	500	2	22	Hamilton ARC	455			
WD4WDW	174	2	36	818	NFL	Hillsdale Cty ARC	1756	2	51	VE3DC	2	15	2,274	WV
Coronado Em Radio Operators				818	NFL	K8HRC	187	2	9	W8VP	1,050	ON		
W6MLI	32	2	12	814	SDG	Skyline ARC	914	2	40	WB7QW (+N7QR)	4,662			
Northern Alberta RC				814	SDG	Emerald ARS	1180	2	30	RS of Tucson	4,656			
VE6NC	65	2	44	810	AB	WA7FQD	168	2	18	K7RST (+W0HF)	4,440			
Ex High School Novice Class CW Ops				810	AB	WU5PIG	233	2	10	W7DTW	2	37	4,224	AZ
K6VRS	176	2	4	796	SDG	Jersey Shore ARS	1122	2	10	W7PDU (+KR7DX)	510			
Desert Circle ARC				796	SDG	Northwest IA ARC	898	2	6	W9AML	1,062			
NU7DE	94	2	3	774	AZ	W0VHQ	178	2	65	W9AML	1,062			
Four Rivers ARC				774	AZ	Lakes Area ARC	178	2	65	W9AML	1,062			
K4HAO	351	2	7	772	GA	W5JAS (+KE5RIJ)	97	2	10	W9AML	1,062			
W7MIR	56	2	13	766	WWA	117	2	10	W9AML	1,062				
MS Coast ARA				766	WWA	Portage ARC	1083	2	56	W9AML	1,062			
W5SGL	346	2	23	754	MS	KJ3O (+N8IIQ)	1083	2	56	W9AML	1,062			
Sacramento ARC				754	MS	Islanders ARA	1083	2	56	W9AML	1,062			
W6AK	178	2	10	706	SV	W4IAR	1083	2	56	W9AML	1,062			
W1PHB	137	2	8	674	CT	Wichita Falls ARC	1083	2	56	W9AML	1,062			
WW Medical Services Em Comm Dist 5				674	CT	W5OK (+WXMAS)	1083	2	56	W9AML	1,062			
AD7AW	104	2	3	658	WWA	W5BKD	34	2	14	W9AML	1,062			
Emporia ARS				658	WWA	4A								
KB0SSR	122	2	20	644	KS	Huntsville ARC	909	2	32	T-CEP Disaster Radio Team				
Mystic Valley ARG				644	KS	K4BFT (+K14PMW)	909	2	32	K6T1 (+W6TOP)				
N1MV	18	2	25	636	EMA	5506	2	39	17,140	AL				
Lunenburg Cty ARC				636	EMA	Utah DX Assn	914	2	36	17,140	AL			
VE1LUN	287	2	7	626	MAR	K7UM (+KE7VHF)	15,154	2	36	3,766	ON			
Thunderbolt ARC				626	MAR	4739	2	37	15,154	UT				
KJ0T	38	2	8	626	CO	Palo Alto ARA	1083	2	108	15,154	UT			
OFOG Group				626	CO	W6ARA (+W6OTX)	1083	2	108	15,154	UT			
WA0CTZ	61	2	6	616	CO	Boars RC	564	2	25	15,154	UT			
Southern California Japanese Ham Club				616	CO	NG5A (+AD5NR)	564	2	25	3,340	OH			
K6JP	110	2	6	570	LAX	2980	2	47	11,874	NTX				
Decatur Cty ARC				570	LAX	K7ES (+WB7JK)	2980	2	47	11,874	NTX			
W58R	67	2	20	534	TN	Delaware ARA	1083	2	108	11,874	NTX			
Inland Empire ARC				534	TN	K8ES (+WB7JK)	1083	2	108	11,874	NTX			
W6IER	197	2	8	530	ORG	3439	2	48	11,610	OH				
Keweenaw Cty Repeater Association				530	ORG	Old Barney ARC	827	2	40	11,610	OH			
K8MDH	84	2	3	518	MI	N2OB (+N2CW)	827	2	40	11,610	OH			
MWA				518	MI	3288	2	25	11,122	SNJ				
N8OXC	59	2	8	486	OH	Vienna Wireless Society	883	2	40	11,122	SNJ			
Portage ARC				486	OH	K4XY (+K4HTA)	525	2	27	3,158	ENY			
VE4PTG	62	2	6	474	MB	3075	2	127	10,358	VA				
3A Battery				474	MB	United Radio Amateur Club	525	2	27	3,158	ENY			
K5DF	928	5	30	10,060	LA	K6AA (+W6ADC)	525	2	27	3,158	ENY			
Scenic City ARS				10,060	LA	2782	2	32	8,872	LAX				
W4SCA	474	5	12	4,885	GA	Jackson Cty ARA & Magnolia DX Assn	2782	2	32	8,872	LAX			
Reno QRP Group				4,885	GA	K5MDX (+N5OS)	2423	2	119	8,636	MS			
W7FST	454	5	19	4,860	NV	Westchester Em Comm Assn	2423	2	119	8,636	MS			
Illiana RC				4,860	NV	N2SF (+KD2SQ)	2454	2	35	8,626	ENY			
W9IRC	344	5	10	3,245	IL	2454	2	35	8,626	ENY				
DeKalb Cty ARC				3,245	IL	Roanoke Valley ARC	2453	2	30	8,316	VA			
W4GBR	286	5	16	3,050	AL	W4CA (+BA4A)	2453	2	30	8,316	VA			
Colorado QRP Club				3,050	AL	2453	2	30	8,316	VA				
N0CQC	231	5	37	2,830	CO	Portage Cty AR Service	2453	2	30	8,316	VA			
Amherst U-Hams				2,830	CO	K8BF (+N8QE)	2453	2	30	8,316	VA			
WB2VUO	220	5	4	2,355	WNY	2669	2	140	7,880	OH				
Elgin ARS				2,355	WNY	Contoocook Valley RC	2669	2	140	7,880	OH			
VE3RSE	248	5	11	1,895	ON	K1BKE (+K1DFQ)	2348	2	58	7,460	NLI			
French Creek QRP Renegades				1,895	ON	2348	2	58	7,460	NLI				
W3PBC	112	5	4	1,445	EPA	Nassau ARC	1782	2	41	6,638	NLI			
QCWA Chapter	162	5	4	1,445	EPA	K2VN	1782	2	41	6,638	NLI			
K9AKG	52	5	12	1,370	WI	White Mountain ARC	1782	2	41	6,638	NLI			
C5				1,370	WI	W1MWV	1497	2	25	6,256	NLI			
K17EL	91	5	3	1,245	WWA	North Richland Hills ARC	1497	2	25	6,256	NLI			
Bathurst Area Amateurs				1,245	WWA	K5NRH (+W5SGT)	1474	2	57	6,216	NTX			
VE9BNB	46	5	5	780	MAR	1474	2	57	6,216	NTX				
N4ZAK	56	5	5	730	NC	Orange Cty ARC	1878	2	66	5,936	ORG			
3A Commercial				730	NC	W6ZE (+W6BAC)	1878	2	66	5,936	ORG			
Zamora Shrine RC				730	NC	Radio Club of Tacoma	1586	2	82	5,906	WWA			
W4ZHR (+KD4N)	1467	2	27	5,298	AL	W7DK (+W7OS)	1586	2	82	5,906	WWA			
North Franklin ARS				5,298	AL	1586	2	82	5,906	WWA				
N2NNY (+KC2VMF)	1005	2	10	4,258	NNJ	1586	2	82	5,906	WWA				
Splitrock ARA				4,258	NNJ	1586	2	82	5,906	WWA				
K2RF	1000	2	20	3,784	NNJ	1586	2	82	5,906	WWA				
Pottstown Area ARC				3,784	NNJ	1586	2	82	5,906	WWA				
K3ZMC (+N3WXW)	1109	2	65	3,642	EPA	1586	2	82	5,906	WWA				

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 Cty ARG
KI4BXI 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
W0WVY 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

Johnstown 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
K7THON 265 2 11 930 AZ

Sequoia ARG
N6KRV 134 2 6 878 SJV

Altus Area ARC
AJ5Q 56 2 12 862 OK

Clare Cty Emergency Management
KA8DCJ 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 Ragewell Club
N2HQX 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
WT4RA 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 (+K0RG7)
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

W5CLARC
WM5X 272 2 33 932 LA

Foothills 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 VADXCC
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
W4IA 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 (+W2U1)
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

Watson 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 City 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 (+W8WS)
446 2 45 2,348 OH

Alpha Alpha Repeater Group &
Leaman Fire CERT
W4A 408 2 18 2,316 WCF

Tri-City Amateurs
KC9OLF 566 2 21 2,232 IN

Crawford Cty ARC
W8BAE 632 2 27 2,134 OH

Rif 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
WW2FD 539 2 6 1,778 ENY

Intl 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 & Field City ARC
K8QIK 116 2 23 1,262 OH

Duval Cty ARES/BARS
K4D 169 1 10 1,129 NFL

Western Reserve ARC
W8WRC 501 2 20 1,108 OH

TCARES
K6TUO 298 2 40 1,058 SJV

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 (+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 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

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, KI4KN



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	South West IA ARC	VA7XN	119	5	1	1,155	BC	K6KS	138	2	1	526	SV			
Kitchener-Waterloo ARC	K0SWI	945	2	20	4,004	IA	VE3ENG	91	5	1	1,110	ON	K7DNH	184	2	1	518	NV			
VE3IC	761	2	10	3,038	ON	Kalamazoo ARC	WD5HNI	190	5	1	1,100	STX	N4QX	79	2	1	494	VA			
Upper Valley ARC	W8VY	1252	2	25	3,998	MI	Associated RA of Long Beach	NI8N	104	5	1	1,090	OH	N2CJ	56	2	1	474	ENY		
K8FBN	633	2	32	2,966	OH	W6RO	AB8DF	91	5	1	1,060	MI	WA6WPG	64	2	1	440	SB			
Denver RC	Lancaster ARC	776	2	60	3,402	LAX	WB5UAA	77	5	1	1,020	NTX	NT4OM	140	2	1	430	GA			
WOTX	598	2	41	2,858	CO	WB3CEG	75	5	1	1,000	STX	WA2CRQ	68	2	1	422	SV				
Waterville Area Wireless Assn	WB2SO	721	2	10	2,810	WNY	KA5GIS	90	5	1	1,000	AR	AD7DD	34	2	1	418	EWA			
WA1WA	537	2	7	2,670	ME	Barry ARA	WB0HQH	88	5	1	990	IA	KW7I	27	2	1	404	OR			
East River ARC	K8BMMI	501	2	48	2,620	MI	K6CU	82	5	1	970	ORG	W9OOT	140	2	1	380	IN			
W8MOP	504	2	14	2,526	VA	N8XMS	71	5	1	960	MI	KJ4BLN	105	2	1	360	GA				
Coachella Valley ARC	NR6P	431	2	15	2,446	ORG	KB5FIO	48	5	1	930	STX	VE2PU1	79	2	1	358	QC			
Saginaw Valley ARC	K8DAC	381	2	38	2,372	MI	WB5NMZ	71	5	1	910	AL	W4BFL	53	2	1	356	SFL			
W8KEA	432	2	20	2,346	MI	Holland ARC	N2JR	80	5	1	895	VA	VA2BS	125	2	1	350	QC			
W8HHF (+NN11)	574	2	63	2,200	OH	K8DAA	KF0QS	73	5	1	880	CO	WB5LRP	99	2	1	348	STX			
Northern OH ARS	W9UUU	1454	2	58	5,586	IN	WB0UL	53	5	1	880	SD	KF4MKP	99	2	1	338	TN			
K8KRG	421	2	44	2,096	OH	Wabash Valley ARA	N8MFN	78	5	1	875	OH	AC7CJ	34	2	1	318	EWA			
South East Metro ARC	W0CGM	330	2	21	2,088	MN	K5SI	75	5	1	850	STX	KB0YTO	32	2	1	314	NE			
Greene Cty ARC Of NY	N0W (+K0W)	1157	2	51	5,512	KS	W9HBH	91	5	1	805	IN	A15C	19	2	1	288	SF			
N2LEN (+KC2HTV)	235	2	11	2,048	ENY	W9SRB	110	5	1	800	IL	W7JAZ	37	2	1	280	OR				
N7OY (+KU7G)	143	2	30	1,816	OR	Keuka Lake ARA	KB2BIT	51	5	1	770	NFL	VE7DAQ	10	2	1	270	BC			
Clarksville Operating Radio Enthusiasts	N2RE (+N4MVU)	193	5	40	3,040	SNJ	WA4MXF	56	5	1	760	TN	K6ZY	2	2	1	256	WWA			
K4ORE	309	2	15	1,778	TN	Laughery Valley ARC	AM1MI	74	5	1	720	NH	WD8OTT	103	2	1	256	MI			
Atascosa Cty ARC	W2SO	721	2	27	2,024	SJV	WD9EWK	49	5	1	695	AZ	NOBHT	102	2	1	254	CO			
WA5AR	107	2	6	1,624	STX	Stanislaus ARA	KE3HG	39	5	1	690	EPA	KK7OQ	28	2	1	206	OR			
Sterling Rock Falls ARS	W9MEP	284	2	33	1,534	IL	W6ERE	107	5	1	685	SCV	KB9BJH	47	2	1	194	WI			
Pickaway ARES	KG8EK	126	2	16	1,348	OH	AB4EL	53	5	1	680	NC	WB6MMQ	18	2	1	186	LAX			
Calaveras ARS	N6FRG	186	2	14	992	SJV	AB1MI	74	5	1	670	NH	N5JZD	34	2	1	186	NTX			
6A Commercial	W3VPR	1735	2	103	7,228	MDC	KB1PBA	48	5	1	630	EMA	K7UWR	66	2	1	182	WY			
W7A	1777	2	30	7,056	OR	KD2MU	48	5	1	625	NLI	VE2BHH	38	2	1	176	QC				
WA5AR	107	2	6	1,624	STX	K3TW	45	5	1	600	NFL	KC2TND	7	2	1	164	WNY				
Sterling Rock Falls ARS	W9MEP	284	2	33	1,534	IL	K0WRZ	87	5	1	585	KS	KC7ZO	1	2	1	152	MT			
Pickaway ARES	KG8EK	126	2	16	1,348	OH	VA2SG	51	5	1	560	QC	K9XB	30	2	1	110	WI			
Calaveras ARS	N6FRG	186	2	14	992	SJV	AF6NI	32	5	1	545	SDG	KB2GGK	5	2	1	110	NNJ			
6A Commercial	W3VPR	1735	2	103	7,228	MDC	AD7L	39	5	1	540	OR	K2EV2	5	2	1	100	NLI			
7A	W7SA	1777	2	30	7,056	OR	K5GVL	364	2	30	2,496	NTX	N1GNV	1	2	1	52	CT			
Lake Ara ARA	W3VPR	1735	2	103	7,228	MDC	10A Battery	Mississauga ARC	2273	2	25	8,088	ON	10A Battery	Orange Co Radio Amateurs/ Durham FM Assn	W4EZ	1434	5	27	13,445	NC
K4FC (+WN4AMO)	4977	2	46	15,902	NFL	VE3IM	AC4QX	44	5	1	530	WNY	10A Battery	Orange Co Radio Amateurs/ Durham FM Assn	W4EZ	1434	5	27	13,445	NC	
Carroll Cty ARC & Carroll Cty Contesters	WY3P (+WO3L)	3660	2	28	12,180	MDC	W2EB	18	5	1	515	IL	11A	N1FD (+KA1RON)	N1FD	2894	2	50	11,212	NH	
Hampden Cty RA	W1NY (+WB1Z)	2874	2	30	9,938	WMA	W9AQ	93	5	1	515	WNY	11A	Nashua Area RC	K7CN/7	26	5	1	410	NTX	
W1NY (+WB1Z)	2874	2	30	9,938	WMA	AE4M	6	5	1	395	VA	10A Battery	Orange Co Radio Amateurs/ Durham FM Assn	W4EZ	1434	5	27	13,445	NC		
Central KY ARS	AA4NJ (+KE4YVD)	2501	2	21	8,438	KY	W7VQQ/VY113	27	5	1	370	SCV	15A Battery	USECA ARC	K4OM	903	2	1	3,762	WI	
Lake Cty ARA	N8BBC	1932	2	23	7,532	OH	K9CHP	17	5	1	370	EPA	15A Battery	USECA ARC	K7DR	828	2	1	3,026	MI	
K6BB	1679	2	20	6,730	ORG	KB1QKB	4	5	1	220	NH	15A Battery	USECA ARC	W0XR	420	2	1	1,730	CO		
Marple-Newtown/Mobile 6ers/MARC/ Vertol Bears	N6R (+K6VCS)	2204	2	75	9,592	SB	VE7PK	13	5	1	215	BC	15A Battery	USECA ARC	W9TCH	470	2	1	1,688	WI	
N3NZ (+KB3TVK)	1248	2	67	6,046	EPA	WB2GBF	41	5	1	210	WNY	15A Battery	USECA ARC	N4UOH	307	2	1	1,216	NC		
Broken Arrow ARC	W5BBS (+KF5COA)	1082	2	100	4,412	OK	W4HNN	24	5	1	200	UT	15A Battery	USECA ARC	N9EAX	298	2	1	900	WI	
W6CO (+KO6FR)	688	2	14	3,172	EB	KF7DVJ	5	5	1	195	OK	15A Battery	USECA ARC	W5RMB	439	2	1	878	AL		
Scharborough ARC	VE3WE	429	2	22	2,324	ON	KE7QLQ	10	5	1	190	CT	15A Battery	USECA ARC	KJ4LQX	158	2	1	722	SFL	
W6BXN (+AA6D)	637	2	19	2,290	SJV	AE4M	6	5	1	185	OH	15A Battery	USECA ARC	K4XD	236	2	1	698	NC		
Bucyrus ARC	W8BRG	340	2	11	2,192	OH	KD8EFR	1	5	1	180	SC	15A Battery	USECA ARC	WA4IZK/1	128	2	1	306	NH	
Cherokee Capital ARS	K4WOC	290	2	30	2,082	GA	N2ESE	10	5	1	175	WNY	15A Battery	USECA ARC	N0DLS	72	2	1	294	MN	
7A Battery	W7A	1611	5	20	15,450	SCV	K9CHP	17	5	1	170	WNY	15A Battery	USECA ARC	VA2NU	67	2	1	284	QC	
8A	W3AO (+KE3Q)	10,585	2	60	33,452	MDC	KB1HCD	28	5	1	160	AK	15A Battery	USECA ARC	N1DT	101	2	1	254	ME	
Raleigh ARS	W7QCC	683	5	1	5,720	ID	N1MMY	25	5	1	155	SC	15A Battery	USECA ARC	KC2RXS	9	2	1	192	EWA	
W4DW (+W4RNC)	N8BB	642	5	1	5,670	MI	KB4PPE	599	2	1	155	EB	15A Battery	USECA ARC	KF6IIU	37	2	1	124	SV	
W6CO (+KO6FR)	K5WNN	573	5	1	5,980	NTX	WB1QKB	4	5	1	150	WNY	15A Battery	USECA ARC	AF6VN	15	2	1	110	SCV	
W6CO (+KO6FR)	W3TS	503	5	1	5,480	EPA	KE6SMG	10	5	1	150	SCV	15A Battery	USECA ARC	AB0DK/2	31	2	1	98	WNY	
W6CO (+KO6FR)	W1ECH	610	5	1	5,385	VT	WB9COY	1160	2	1	1460	AR	15A Battery	USECA ARC	N4RE	351	5	2	3,760	NC	
W6CO (+KO6FR)	W5JBV	505	5	1	4,940	NFL	W0QE	949	2	1	1370	CO	15A Battery	USECA ARC	VA3DF	451	5	2	4,555	ON	
W6CO (+KO6FR)	KX0R	420	5	1	4,475	WY	K3TM	745	2	1	1310	MDC	15A Battery	USECA ARC	W5RMB	364	5	2	3,675	ON	
W6CO (+KO6FR)	VE3RER	378	5	1	3,980	ON	KC4PPE	599	2	1	1274	SC	15A Battery	USECA ARC	K2WNY (K2SH & K2UD)	304	5	2	3,450	WNY	
W6CO (+KO6FR)	K7IA	359	5	1	3,940	NM	N4UF	531	2	1	125	VA	15A Battery	USECA ARC	W7RIN	235	5	2	2,445	AZ	
W6CO (+KO6FR)	K8AB	300	5	1	3,150	OH	WB0RQ	711	2	1	120	SC	15A Battery	USECA ARC	WG5F	150	5	2	1,850	OK	
W6CO (+KO6FR)	W7GKF	283	5	1	2,980	MI	K7R7F	487	2	1	1194	OR	15A Battery	USECA ARC	KOG	133	5	2	1,645	CO	
W6CO (+KO6FR)	W9NJJ	254	5	1	2,890	WI	N7DLV	428	2	1	1150	WVA	15A Battery	USECA ARC	N3CU	132	5	2	1,640	EPA	
W6CO (+KO6FR)	AA5CK	261	5	1	2,730	OK	KB2UO/3	377	2	1	1142	MDC	15A Battery	USECA ARC	K4NGA	121	5	2	1,065	GA	
W6CO (+KO6FR)	NZ5A	246	5	1	2,710	STX	KE6LQD	227	2	1	1136	OC	15A Battery	USECA ARC	K2QQR	49	5	2	940	WNY	
W6CO (+KO6FR)	K5WXX	254	5	1	2,690	STX	N0UY	310	2	1	1134	MDC	15A Battery	USECA ARC	W9RFS	51	5	2	905	WI	
W6CO (+KO6FR)	VE2GB	246	5	1	2,660	QC	N8TD	219	2	1	1106	OH	15A Battery	USECA ARC	K4RET (+N4MJJM)	156	5	2	880	VA	
W6CO (+KO6FR)	AD5W1	241	5	1	2,600	AR	KU4MH	228	2	1	1102	OH	15A Battery	USECA ARC	N7JI	56	5	2	845	OR	
W6CO (+KO6FR)	K9JWV	229	5	1	2,540	UT	W4UX	292	2	1	1084	TN	15A Battery	USECA ARC	N1BFK	16	5	2	430	NH	
W6CO (+KO6FR)	N3AB	232	5	1	2,470	EPA	KU7K	231	2	1	982	OR	15A Battery	USECA ARC	N6OSB	27	5	2	410	SCV	
W6CO (+KO6FR)	KD2JC	216</																			

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)	113	2	2	326	ENY	A14GY	25	2	2	100	SC	N8XI	102	2	1	458	MI	N3UA	92	1	1	182	VA
K7FD	107	2	2	282	OR	N6IGI	20	2	1	90	ORG	WO2N	101	2	1	454	NLI	VA7GLL	66	2	1	182	BC
NX1T	61	2	2	272	CT	KB9UTO	10	2	1	70	IN	W3IBT	227	1	1	454	WPA	W2PQG	16	2	4	182	NNJ
AC0FQ	50	2	2	250	CO	K9SWX	4	2	1	58	IL	VE3TW	243	1	1	450	ON	KC2NOS	16	2	1	182	NLI
N5QZ	79	2	2	208	AR	N6AJR	1	5	1	55	EB	WA8BIJ	107	2	1	438	MI	N3KN	68	1	1	181	VA
WQ9Z	28	2	2	206	IN	2C						K9KLO	97	2	2	438	GA	WA3AN	32	2	1	178	EPA
WA2YCY (-WA0LHC)	48	2	2	196	NNJ	N4KK/MM	260	2	4	1,204	SFL	WA3ATT	107	2	1	428	ON	K5YQF	32	2	1	178	STX
KD0GUY	17	2	2	184	CO	N2BRI/MM	208	2	2	1,166	RI	W3FV	216	1	1	422	EPA	W2MRD	12	2	1	174	ENY
KC8NDA	65	2	2	180	MI	KD7WCD	63	2	2	476	AZ	W2LRO	110	2	1	422	NNJ	WA5OK	87	2	1	174	OK
						3C					W1WAB	67	2	1	416	WCF	KB2UUL	57	2	1	174	NC	
											W3SFG	91	2	1	414	MDC	W7LN	43	2	1	172	MO	
1B-2 Op, Commercial											WA8YVF	103	2	1	412	OH	KU1Q	86	2	2	172	CT	
NT2A	806	2	2	2,658	NLI	KZ3AB	13	2	2	76	MDC	KD7MEK	90	2	2	410	AZ	KG4WNA	61	1	1	172	KY
K5PA	141	2	2	374	STX						WB2ETR	120	2	1	406	NLI	KB7HDX	60	2	1	170	EWA	
2B-2 Op Battery											WB4LEQ	177	2	1	404	NFL	W4EGR	60	2	1	170	AL	
K3ZZ	1188	5	2	8,725	MDC	1D					W5JBO	87	2	1	398	STX	KC8ZUM	60	2	1	170	NNY	
W1RT	623	5	2	6,125	EPA						K7TFY	87	2	1	398	ORG	W2QJH	60	2	1	170	EB	
KY4HF	458	5	2	5,030	KY						K6NDV	186	1	3	395	WMA	K6JRA	59	2	1	168	ENY	
N8EFO	436	5	2	4,270	OH						KC0RRS	84	2	2	386	KS	KJ2P	33	2	1	168	CO	
KG0RD	271	5	2	3,160	IA						KG2NI	168	2	1	386	WNY	KF6JQC	58	2	1	166	SJV	
WA2SOC	281	5	2	2,585	NNJ						K7EIQ	96	2	1	384	EWA	KF5ATN	29	2	1	166	NTX	
VE3LM	195	5	2	1,840	ON						AA6EE	95	2	1	380	SDG	W5BIT	58	2	1	166	NTX	
N6MBY (+K6RHB)	109	5	2	1,045	SB						K9UT	95	2	1	380	IN	KB1OCL	50	2	1	164	NH	
KI4WXI	87	5	2	1,005	TN						WA4YHA	124	2	1	380	VA	ND6S	41	2	1	164	SV	
K6GORI	14	5	2	420	EB						W6AEA	81	2	1	378	IN	KE5ZSW	57	2	1	164	AR	
											W12E	447	2	2	370	ON	KD0CPA	81	2	3	162	CO	
2B-2 Op											N2RI	388	2	1	374	EMA	KF6FIX	18	2	1	162	ORG	
AA6PW	2229	2	2	7,956	LAX						K0PK	411	2	1	374	ON	KD5BBR	80	2	1	160	OK	
AA1PL	1041	2	2	3,908	RI						W3CQB	388	2	1	372	OR	W9SID	55	2	1	160	IL	
KE7NO	1070	2	2	3,626	MT						W1RM	419	2	1	364	AL	W9BAG	54	2	2	158	IN	
K5UA	867	2	2	3,580	LA						K8EE	400	2	1	360	GA	VA2UTC	54	2	1	158	QC	
N1UR	640	2	2	2,448	VT						AA0A	722	2	1	358	CT	K1RM	39	2	1	156	CT	
N7CQQ	464	2	2	1,884	AZ						W0RAA	381	2	1	352	BC	WB1BRE	52	2	1	154	VT	
W1LN/VY2	686	2	2	1,842	MAR						KB3LXJ	370	2	1	350	EP	K17DG	102	1	1	152	EWA	
K7ZZ (+W7UG)	299	2	2	1,396	OR						VE6AO	1317	1	1	344	EMA	WD4AJI	49	2	1	150	SFL	
W7EAT	250	2	2	1,286	WVA						VA3SB	307	2	1	342	EMA	KE3X	25	2	1	150	MDC	
W6S	342	2	2	1,134	SB						W6AFA	538	2	1	332	GA	KI6ZHD	25	2	1	150	SCV	
AG4F (+KE4R)	294	2	2	1,126	GA						W4UEF	313	2	1	330	ORG	K3MAF	49	2	1	148	VA	
K7AWA	175	2	2	900	AZ						N6NF	744	1	1	326	SCV	N7IZM/W3	74	2	1	148	WPA	
KC2TOO	62	2	2	574	WPA						W8TM	232	2	1	322	AZ	WA7SLH	48	2	1	146	AZ	
W80HR	71	2	2	504	MI						KD5AR	227	2	1	322	AZ	VA7FC	48	2	1	146	BC	
W4WCQ	21	2	2	392	NFL						VE3IAE	233	2	1	320	WNY	W4JHU	24	2	1	146	VA	
2B-2 Op, Commercial											AG5Z	867	1	1	318	MAR	K6TXT	45	2	1	142	SDG	
NE7D	581	2	2	2,374	OR						N4NDF	209	2	1	314	MI	W7WOW	43	2	2	140	NV	
KC3M (+KC3Q)	443	2	2	1,796	EPA						N6NF	744	1	1	312	MO	WG7X	129	1	1	139	WVA	
N8NOE	128	2	2	526	MI						K2MK	418	1	1	312	MT	WA7BME	22	2	1	138	UT	
WB0POQ (+AK6L)	98	2	2	370	MN						W5GAI	272	2	1	300	OR	KB0ERS	22	2	1	138	STX	
WD8BAH (+KC8ZJE)	91	2	2	280	WV						VE3XAE	233	2	1	292	TN	AA6LAC	33	2	1	132	SB	
Mobile Stations											KN3CZ	231	2	1	292	NIC	KD3JA	42	2	1	134	MDC	
1C											W6KY	210	2	1	291	SDG	KA0CDI	36	2	1	122	MDC	
N6VW	420	5	4	4,550	LAX						K9UQN	184	2	1	290	SDG	W0DMT	131	2	1	122	SCV	
AA6DP	808	2	4	3,224	LAX						W1SRG	282	2	1	286	SDG	W6CT	44	2	1	122	CT	
W0IVJ	1039	2	1	2,308	CO						KA3TKV	160	2	1	286	SDG	N7RVD	156	1	1	122	ORG	
K7VO	713	2	1	1,676	WVA						W7QWN	182	2	1	284	SDG	K7ING	68	2	1	122	LA	
K3ONW	302	2	1	1,358	EPA						KC0UXC	137	2	2	284	SDG	W7WML	23	2	1	122	WVA	
K5YAA	590	1	1	1,330	NTX						KA2FHN	191	2	1	284	SDG	KB6A	66	2	1	122	SNJ	
W9XS	216	2	1	1,100	IL						W2DXE	162	2	1	284	SDG	W2LHL	67	2	1	122	WVA	
NA1GB	179	2	2	1,104	CT						W4A9WJ	206	2	1	284	SDG	W9UW	68	2	1	122	WVA	
WQ8L	178	2	1	934	NC						K4UB	336	2	1	284	SDG	K0GOB	129	2	1	122	WVA	
K2NV/EV3	210	2	1	890	ON						W0BWH	161	2	1	284	SDG	K5KVN	207	1	2	122	WVA	
WA7ZZB	217	2	1	884	WVA						K2XE	140	2	1	284	SDG	N4NC	62	2	1	122	WVA	
K8SSJ	66	2	15	764	OH						K0UK	280	1	1	284	SDG	W6DLL	84	2	1	122	WVA	
KK2O	216	2	1	682	CO						N6DW	296	1	1	284	SDG	W1KJW	47	2	1	122	WVA	
K8LL	167	2	1	494	OH						KC4YOT	129	2	1	284	SDG	W7MWS	31	2	1	122	WVA	
KN3A	233	2	2	616	MDC						K6HRT	297	1	1	284	SDG	W4JUY	100	2	1	122	WVA	
AF5QM	31	2	1	612	OK						AA2JZ	200	2	1	284	SDG	AD4CS	92	2	2	122	WVA	
W7CGA	90	2	1	610	WY						W1SRG	260	2	3	284	SDG	W4BQW	26	2	1	122	WVA	
KF0UO	32	5	1	570	MN						KB9YGD	171	2	1	284	SDG	W7YMS	34	2	1	122	WVA	
KC0VFO/M	206	2	1	562	CO						WR9Y	145	2	2	284	SDG	WT5ARC	103	1	1	122	WVA	
KK4PQ	101	2	5	540	GA						K8CI	252	1	1	284	SDG	KB8RQW	20	2	2	100	ENY	
N57F	79	2	3	394	AZ						N1O	159	2	3	284	SDG	W8RFV	121	2	1	100	CT	
KH6/K4IQJ	49	2	1	346	PAC						W9XDX	522	1	5	284	SDG	K1BTQ	50					

K4GOP	41	2	1	82	NFL	Home Stations	Emergency Power		N6ZFO	67	2	1	404	SF	W6VIO	1311	2	24	4,858	LAX
KD7YVW	16	2	1	82	AZ	1E		N5PNU	88	2	1	402	MS	W6DUE	1300	2	4	4,366	MDC	
W9NFL	41	2	1	82	WI	AA3B	2077	N4YHC	99	2	1	400	IN	N3KAE	1318	2	5	4,002	EPA	
N9NUZ	16	2	1	82	CT	W2BC	1733	WD8MGZ	93	2	1	386	WV	W7FLY	687	2	5	3,356	WWA	
W1VHS	16	2	1	82	CO	WA9S	1223	NA0BR	70	2	1	380	CO	W3KWH	697	2	20	2,316	WPA	
N1AOK	15	2	1	80	QC	W5CT	1320	W4OTN	5	2	1	380	VA	W8DYY	1184	1	20	1,951	OH	
VA2ZIG	15	2	1	80	OR	AD4ES	1417	K6RJP	210	1	1	370	EB	N5BL	425	2	14	1,678	NM	
KK7CG	15	2	1	80	WWA	N5CW	924	WU9Z	49	2	2	368	IN	NN6MI	330	2	50	1,578	EB	
AC7TB	15	2	1	80	WVA	K7NX	915	KN0BS	58	2	6	366	IA	W5SSV	278	2	58	1,576	STX	
K4RT	20	2	1	80	VA	AG3H	770	W9BMW	76	2	1	354	WWA	AD7KI	325	2	12	1,246	WY	
KF4IRC	34	2	1	80	AL	WA2EQF	686	N8EN	144	2	1	354	MI	K3TI	139	2	5	1,188	EPA	
W8CAH	7	2	1	78	IL	N3HBX	1456	KC4ONA	53	2	1	350	NFL	W8BAP	256	2	20	1,154	OH	
KF6RXB	78	1	1	78	SF	W2IRT	1123	WA5JEC	147	2	2	344	STX	W6DOJ	1084	1	3	1,148	SV	
NQUL	14	2	1	78	MN	W3HGT	1165	WO3X	90	2	1	330	OH	W0CS	268	2	15	1,110	IA	
WA8YXM	13	2	1	76	MI	W7GB	376	W0QID	189	2	3	316	IL	N9QID	189	2	3	828	IN	
VE1RSM/VY119	2	1	76	NT	VE3GSI	612	W0WZZ	82	2	1	314	OH								
W7TED	13	2	1	76	WWA	N0TT	661	K6PUD	106	2	3	312	SF	4E						
N9YSQ	13	2	1	76	KY	N6RZ	812	K8MCA	104	2	1	308	OH	N2BJ	2659	2	9	8,836	IL	
WO3T	75	1	2	75	WPA	N6RK	615	N3ZEL	101	2	2	302	WPA	N2MO	716	2	27	3,400	NNJ	
KB3IPZ	12	2	1	74	EPA	K4WOP	471	KC0MPD	76	2	1	302	NFL	W8WZZ	1022	2	10	3,170	OH	
KB7QOA	12	2	1	74	ID	N1CC	508	KB0MPY	100	2	1	300	CO	W7S	420	2	12	1,794	WWA	
VE2XL	37	2	1	74	QC	W7GB	376	WA4RNN	100	2	1	300	TN	6E						
KC0WIR	1	2	1	72	MO	NY6J	457	K7CPV	24	2	1	298	UT	W6NWG	2871	2	28	10,418	SDG	
N3PDT	11	2	1	72	MO	AH6V	402	K5QBZ	21	2	1	292	NTX	W0IW	1065	2	13	2,840	IA	
WS6T	35	2	1	70	EB	K4WW	450	K6LJO	95	2	1	290	NV							
W3GQ	7	2	1	70	NC	K7TR	417	KA0EIC	62	2	1	284	KS							
JA3JM	5	2	1	70	DX	WW0JD	346	NW1V	91	2	1	282	VT							
K9FH	10	2	1	70	IL	K8MN	428	K7FED	109	2	1	268	NV							
N1XUQ	9	2	1	68	NH	N7WS	312	WB5SGN	65	2	1	280	NTX							
K7ACT	9	2	1	68	WWA	K6EMI	302	WA4RDZ	113	2	1	276	NC							
KA6MLE	4	2	1	66	SB	NS9I	331	K6EBN	31	2	1	274	SCV							
AC0PB	16	1	1	66	IA	WR2G	248	K5SM	62	2	1	274	EB							
K6MYH	4	2	11	66	SF	WA1VKO	364	K7EMS	60	2	1	270	WY							
K0SGF	33	2	1	66	MO	W8AWE	286	K7FED	109	2	1	268	NV							
K7AWB	15	1	1	65	EWA	NU7B	268	W6DMS	58	2	1	266	ORG							
KC7NJB	7	2	1	64	SCV	W4UAL	297	W0QPA	51	2	2	252	MN							
WA0BSW	3	2	1	62	MO	W0FMS	549	K4EPM	52	1	4	252	AL							
AA2JT	6	2	1	62	NNJ	N7VR	342	K4COL	48	2	1	246	TN							
KB4EHS	6	2	2	62	SFL	K2OGT	240	K14CLP	35	2	1	240	TN							
WB0QIR	6	2	1	62	MO	K7NAL	511	W0QPA	51	2	2	234	NC							
KC9LDR	5	2	1	60	IL	N6NCH	290	K4FVLW	67	2	1	234	SC							
WA2VQV	5	2	1	60	DE	WB8EJN	222	WB9WHG	24	2	1	234	NTX							
AB2WS	5	2	1	60	ENY	K0RFD	250	W9TJW	33	2	1	232	WWA							
K7HRW	5	2	1	60	WWA	K0LMD	328	KD6PQF	41	2	1	232	SB							
KA6FBB	5	2	1	60	ORG	N2MTG	457	KC8WBN	53	2	1	228	OH							
VE2KOT	2	2	1	58	QC	N2EIK	228	W6KYF	18	2	1	222	SCV							
KD8LEB	4	2	1	58	OH	W3WC	240	K5KCT	30	2	1	218	NTX							
WD4MBA	29	2	1	58	NC	VE2AWR	262	K6GER	36	2	1	222	NWJ							
KC0FUE	4	2	1	58	KS	NU6N	214	KG4GWB	35	2	1	220	AZ							
AB0LJ	4	2	1	58	MO	K6TY	135	W0E5	42	2	1	220	SC							
KF6TJR	4	2	1	58	EB	W4ZKE	209	N5IAC	48	2	1	220	MI							
KC8KS	3	2	1	56	SC	W3KS	315	K4EPM	41	2	1	220	ON							
KU4RC	3	2	1	56	NTX	KB0YH	351	K4GDW	31	2	1	212	AL							
KD8MBI	25	2	1	54	OH	W8ZNN	213	K1NPT	5	2	1	210	RI							
KD8DKG	22	2	1	52	MI	K7RFW	115	K1NLL	25	2	1	200	SV							
K4BKE	1	2	2	52	NC	W5UGD	264	K2BXXH	30	1	1	180	SNJ							
VE2GLA	13	2	1	52	QC	N6LAL	193	K7LA	40	2	1	180	ORG							
KB5DRJ	23	2	1	46	NTX	KU4WD	405	W7EEI	14	2	1	178	OR							
AB9RI	11	2	1	44	WI	N5MJ	365	K4FRE	150	2	1	178	NFL							
K9SQG	41	1	1	41	OH	AG4V	800	W1JN	107	5	1	178	WCF							
KF7VG	20	2	1	40	WWA	W5JMW	193	KU4A	130	2	1	172	WPA							
N8DSG	38	1	1	38	MI	KG6T	187	K4CSS	36	2	1	172	GA							
AJ4HK	17	2	1	34	NC	KJ6RA	318	W1JPZ	10	2	1	170	SCV							
K2WT	33	1	1	33	WCF	K6KQV	152	W0EB	16	2	1	164	WPA							
KC7YE	8	2	1	32	WVA	K7IN	184	N6VNO	8	2	1	162	SDG							
WB2JMX	16	2	1	32	WNY	W4XZ	203	KH6BFZ	8	2	1	162	SCV							
KD8HYU	15	2	1	30	OH	W4M4X	241	W1KJW	66	5	1	160	WPA							
WB6BET	14	2	1	28	EB	W5QHV	250	N5FB	29	2	1	158	WWA							
K4ZKS	11	2	1	28	WCF	W2DML	86	AA9NF	69	5	1	158	STX							
A14UN	12	2	1	26	GA	KC8IMB	251	W5VDM	143	5	1	158	WPA							
W4YNE	26	1	1	26	OK	KT7AZ	161	W6EM	60	5	1	158	WPA							
KC9EHQ	13	2	1	26	IL	W5WZ	167	N5NF	8	5	1	158	SDG							
KB7UJI	22	1	1	22	EWA	N7MAL	130	W6PNU	29	2	1	158	SCV							
N5UWY	9	2	1	18	OK	W7ASU	111	W6VNN	10	2	1	158	WPA							
NB7A	18	1	1	18	NV	N7ML	200	W6VNN	594	2	1	158	WPA							
KD8KTN	16	1	1	16	MI	W7DML	86	W0QPA	590	2	1	158	WPA							
VE3IKT	8	2	1	16	ON	KT7AZ	161	W1XMB	157	2	1	158	WPA							
KE7UXN	16	1	1	16	WWA	W4SNP	211	W6VNN	594	2	1	158	WPA							
N5AT	129	2	2	308	AL	NO2J	227	W7FA	455	2	1	158	WPA							
WE5DX	129	2	3	258	MS	KB3ORX	150	W7FA	455	2	1	158	WPA							
WA1KBE	60	2	2	204	EMA	KC0DWX	147	W7FA	455	2	1	158	WPA							
W6\$SN	14	2	1	178	SJV	W7ASU	111	W7ASU	455	2	1	158	WPA							
K0USN	33	2	2	160	CO	N4MUH	174	W7ASU	455	2	1	158	WPA							
K4TAK	14	2	1	78	TN	W7ASU	111	W7ASU	455	2	1	158	WPA							
3D						VE1ZA	210	W7ASU	455	2	1	158	WPA					</td		



Matt, WH7XM, running the pileup on 20 meters for NH6P, the Big Island Amateur Radio Club.

3F

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 (+NU5V)	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 ARES - 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 City 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 (+K9BNY)	595	2	20	2,640	IL	
W9AWE	625	2	28	2,634	IL	
Indian River ARC						
W4NLX (+KC2UFO)	474	2	30	2,354	SFL	
ARC of Central Louisiana						
AB5IS	623	2	14	2,078	LA	
Middle East TN Em Radio Service						
KC4EM (+N1DRI)	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	
Arlington ARC						
W4WVP	314	2	24	1,866	VA	
South Mt Radop Amateurs						
N3TWT	354	2	13	1,822	EPA	
DB CERT ARC/DBARA						
N4DAB (+K14WVP)	170	2	26	1,740	NFL	
W8TPY	415	2	20	1,516	OH	
Seal Beach/Los Alamitos RACES						
K6ZT (+KC6YNQ)	160	2	20	1,482	ORG	
Westmoreland Cty ARES Group						
K4JOP	187	2	7	1,410	VA	
TriCity ARA						
W7GDY	429	2	4	1,334	AZ	
NF1Y (+WA1LEI)	301	2	10	1,272	CT	
Carousel RC						
K2OQ	315	2	5	1,174	WNY	
Camden Cty ARS						
KB4CC	270	2	10	1,162	GA	
Teton Emcomm						
W7RAC	296	2	5	1,040	ID	
Metrocress ARS						
KB5A	55	2	29	980	NTX	
DMAT OK-1 ARC						
ND5MS	173	2	18	974	OK	
KC8WIT	520	1	18	937	OH	
WHERE RC						
WT9H	201	2	15	852	IL	
Gateway ARC						
NG4AR	133	2	16	796	GA	
Laurens Cty ARES Group						
KF5TA	110	2	15	790	GA	
Carter Cty ARA						
KD4NH	183	2	47	716	TN	
Ozone ARC						
W5SLA	78	2	10	448	LA	

4F

Bergen ARA						
K2BAR (+KC2VRY)	2128	2	56	6,226	NNJ	
Thomasville ARC						
W4UCJ (+K14RGD)	1735	2	89	6,084	GA	
Denton Cty ARA						
W5NGU (+KD5EOC)	1333	2	62	6,038	NTX	
Van Wert OH RaRC						
W8FY	1878	2	20	5,486	OH	
Maxim Memorial Station						
W1AW (-KA1UFZ)	2979	1	11	4,778	CT	
Tri Town RAC						
W9VT (+N9WDG)	1477	2	16	4,168	IL	
ARA Tonawands						
W2SEX	515	2	26	2,542	WNY	
Kokomo ARC						
W9GO	508	2	34	1,916	IN	
National Trail ARC						
K9UXZ	674	2	10	1,868	IL	
Baytown ARC						
K5BAY (-K5MMR)	445	2	26	1,580	STX	
CQ RC						
K1BCI	215	2	21	1,470	CT	
TX Emergency Amateur Comm						
W5SI	241	2	33	1,090	STX	
Laguna Woods ARC						
W6LY	199	2	10	1,074	ORG	
Citrus Cty ARES						
KD4FG	121	2	5	1,040	NFL	
Mercer Cty ARC						
W3LIF	15	2	5	980	WPA	
Osceola Cty ARES/Emcat						
KG4EOC	134	1	27	899	SFL	
Valley Camp						
K7S	296	1	7	772	WWA	
Endless Mts ARC						
N3EP	182	2	16	632	EPA	

5F

Southern City ARA / Cape May City ARC					
K2BR (+N2CMC)					
1259	2	40	5,288	SNJ	
Shelby City ARC					
W4SHL (+KJ4USA)					
1076	2	20	4,634	AL	
Flagler Em Comm Assn					
AF2C	816	2	18	3,708	NFL
Garden City ARC					
K8GC (+KD8LYI)					
681	2	68	3,380	MI	
Tri-State ARA					
W8VA	493	2	55	2,632	WV
Coastal ARS					
W4LHS	431	2	45	2,312	GA
Flagler Palm Coast ARC					
W4FPC	392	2	21	2,236	NFL
Metroplex ARC					
W2MPX	307	2	29	2,062	NNJ
Cross City ARC					
WA5CC	297	2	25	1,828	AR
Lower Columbia ARA					

W7L

6F
Metro Detroit SATERN
N8SE 460 2 17 2,578 MI
Wabash Emergency Management
KC6MAK 142 2 6 1,286 II

85

J
 W2GSB 1395 2 55 6,176 NLI
9F
 Bears of Manchester
 W1BRS (+N1FUL)
 1384 2 64 5,158 CT
13F
 SATERN: San Bernardino & Riverside Cty's
 W1CATS 1395 5 40 2,020 QRC