2023 ARRL Field Day Results

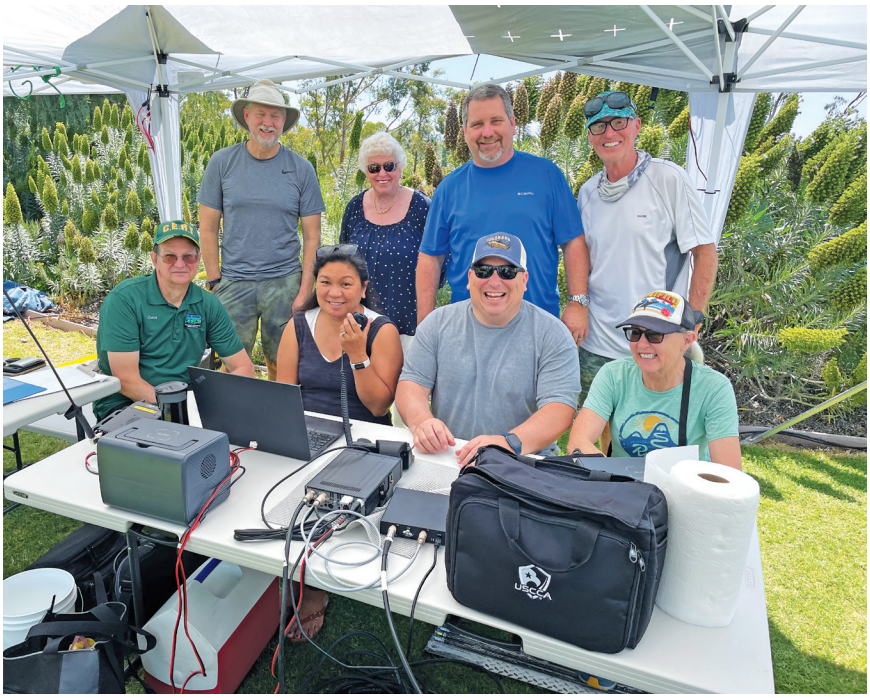
Despite heat and inclement weather in some areas, more than 30,000 individuals participated in Field Day this year, making 1.25 million contacts.

ARRL Director of Operations Bob Naumann, W5OV; ARRL Radiosport Manager Bart Jahnke, W9JJ, and ARRL Contest Program Manager Paul Bourque, N1SFE

The 2023 ARRL Field Day showed patterns of participants returning to the "field." In 2022, Class A and B field participants represented 37.1% of all entries, while in 2023, that number increased to 41.3%. Home station Class D and E entries dropped from 58.5% in 2022 to 53.8% in 2023. This shift suggests that 5.2% of this year's station participants who were compelled to stay home in 2022 returned to group participation in 2023. The remaining categories of Class C (Mobile) and Class F (Emergency Operations Center, or EOC) remained essentially unchanged in 2023.

A 2% reduction in total QSOs — perhaps driven by fewer home station participants, who instead joined field groups (Class A and B) was reported. The same may be true for the roughly 10% reduction in CW QSOs made. Field station operators try to strike a balance in operating modes, while home station operators may feel more comfortable pounding the key for a higher CW score. Digital and phone QSO levels remained comparable to the levels in 2022. Yet, the numbers between CW and phone QSOs are on par with each other (digital represents a 40% lower activity level than analog modes).

A handful of updates and changes were implemented for 2023, which included the Radio Amateurs of Canada (RAC) updating a few of their Sections. They replaced Maritime (MAR) with New Brunswick (NB) and Nova Scotia (NS). The Greater Toronto Area (GTA) was renamed Golden Horseshoe (GH), and the word "Northern" was removed from Northern Territories, making it Territories (TER). This impacted the Section lists for RAC events, ARRL Field Day, and ARRL Sweepstakes. Changes to the Get on the Air (GOTA) scoring were made. Contacts made from a GOTA station were worth 5 points, with no limit to the number of contacts that could be made and with 100 GOTA bonus points available if 10 or more QSOs were completed under the direct guidance of a designated



K6C was activated by members of the Clairemont Repeater Association in the 5A category from the Orange Section in Santa Ana, California. They were joined by local officials. Photographed are (back left to right) Brian Olsen, AG6UH; Kathryn Kosters, K6KTY; Jeff Van Es, N6JSV; Eric Kosters, K6EDK; (front left to right) Steven Root, KF6GJC; Senior Management Analyst of the Public Safety Division, Sharlyn de la Paz; Todd DeVoe, KI6RBW, and Jade Jourdan, K6JDJ. [Dave Reynolds, W6DLR, photo]

Entries by Class Summary

Class	Entries	% of Total
A	1,271	28.6%
B	565	12.7%
C	58	1.3%
D	1,700	D & E: 53.8%
E	688	
F	160	3.6%
Total	4,445	

2023 Field Day Overall Statistics

		% Change
Number of Participants	31,300	+5.2%
Total Entries	4,445	–10.9%
Checklogs	113	–11.5%
CW QSOs	478,463	–9.7%
Phone QSOs	481,710	+1.7%
Digital QSOs	289,513	+8.5%
Total QSOs	1,249,686	–2.0%

Transmitter Count by Class

Class	Class Definition
A	Three-person or more club/non-club portable using emergency power
AB	Per above, with battery or alternate non-generator power source
AC	Per above, but with commercial power
B1	One-person club/non-club portable using emergency power
B1B	One person per above, with battery or alternate non-generator power source
B1C	One person per above, but with commercial power
B2	Two-person club/non-club portable using emergency power
B2B	Two persons per above, with battery or alternate non-generator power source
B2C	Two persons per above, but with commercial power
C	Mobile stations
D	Home stations using commercial power
E	Home stations using emergency power
F	EOC stations

Count by Class Summary

Class	Entries	Class	Entries	Class	Entries	Class	Entries
A	1,082	B1B	197	B2C	5	E	688
AB	50	B1C	32	C	58	F	160
AC	139	B2	66	D	1,700	Checklog	113
B1	245	B2B	20				

Transmitter Count by Class

1A	117	3AC	52	3D	16
2A	308	4AC	13	4D	3
3A	331	5AC	10	5D	2
4A	168	6AC	2	6D	1
5A	87	1B1	241	9D	1
6A	37	2B1	3	1E	603
7A	18	3B1	1	2E	52
8A	3	1B1B	192	3E	18
9A	5	2B1B	5	4E	7
10A	3	1B1C	31	5E	5
11A	1	1B2	41	6E	2
12A	2	2B2	24	8E	1
14A	1	3B2	1	1F	26
18A	1	1B2B	14	2F	57
1AB	21	2B2B	6	3F	49
2AB	13	1B2C	4	4F	15
3AB	8	2B1C	1	5F	5
4AB	3	2B2C	1	6F	5
5AB	4	1C	57	7F	1
12AB	1	2C	1	10F	2
1AC	21	1D	1,623	Checklog	113
2AC	41	2D	54	Total	4,555

GOTA coach. A power multiplier of one was reintroduced as 500 W (transmitter PEP output) for Class A, B, and C stations only.

There was an increase in the number of groups that participated in Class A and B (portable stations with three-person or more club/non-club group) entries, comprising more than 37.1% of the total entries. Mobile stations operating as Class C and EOC stations in Class F represented another 4.4% of portable participation. Class D (home stations, commercial power) and Class E (home stations, emergency power) represented the remaining 58.5%, down from 67% of the total entries in 2022.

This year, there was a total of 4,555 entries submitted (including 113 checklogs) and a total of 31,300 participants. This year saw better propagation — a trend we expect to continue through the anticipated Solar Cycle 2025 peak.

Activity by Class

Class A — Club or non-club groups of three or more people who set up temporary/portable Field Day sites away from their usual station locations: 1,271 entries (28.6%).

Class B — Club or non-club groups with one or two people who set up temporary/portable Field Day sites away from their usual station locations: 565 entries (12.7%).

Class C — Mobile or rover operators from vehicles, bicycles, and boats: 58 entries (1.3%).

Class D/Class E — Stations operating from home, with either commercial power (Class D) or emergency power (Class E): 2,388 entries (53.8%).

Class F — Stations operating from or as EOCs: 160 entries (3.6%).

Checklogs — 113 entries were listed as checklogs if they were missing the required list of calls sorted by band and mode (also known as a dupe sheet), showing that no duplicates were counted twice in their total QSO counts, or by simply sending us the log (even after reminder emails were sent to obtain this list). Checklogs are acknowledged at the bottom of the page at **https://fieldday.arrl.org**.

Sweet Fruits On Air Amateur Radio Club, KP4SFA, operated from Puerto Rico in the 2F category. [Carmen Greene Rodriguez, KP4QVQ, photo]

Entries by ARRL RAC Section/Prefix/DX

Section	Entries	Section	Entries	Section	Entries	Section	Entries
AB	20	LA	28	NTX	138	SK	9
AK	9	LAX	85	NV	35	SNJ	38
AL	65	MB	7	OH	203	STX	120
AR	32	MDC	85	OK	38	SV	56
AZ	111	ME	27	ONE	43	TER	2
BC	42	MI	138	ONN	6	TN	116
CO	92	MN	79	ONS	41	UT	36
CT	60	MO	92	OR	65	VA	144
DE	18	MS	27	ORG	61	VI	5
EB	35	MT	26	PAC	12	VT	20
EMA	75	NB	3	PE	4	WCF	50
ENY	58	NC	121	PR	19	WI	91
EPA	138	ND	12	QC	38	WMA	30
EWA	28	NE	20	RI	24	WNY	69
GA	100	NFL	75	SB	21	WPA	75
GH	35	NH	33	SC	55	WTX	24
IA	38	NL	3	SCV	57	WV	37
ID	49	NLI	37	SD	12	WWA	115
IL	134	NM	34	SDG	31	WY	17
IN	86	NNJ	72	SF	20	DX	31
KS	53	NNY	12	SFL	39	US/VE Total	4,555
KY	63	NS	8	SJV	30		

Entries by DX Countries

Country	Entries	Country	Entries
Argentina	2	Italy	1
Australia	1	Japan	7
Chile	3	Latvia	1
China	2	Mexico	2
Croatia	1	Netherlands	1
Cuba	1	Switzerland	1
England	1	Venezuela	3
Germany	3	DX Total	31
Indonesia	1		

Number of Participants by Class

A	24,153
B	659
C	62
D	2,198
E	1,491
F	2,737
Total	31,300

This year, more than 98% of the 4,555 entries received were submitted via the web applet, roughly the same amount as in 2022. Based on your feedback from previous years, some minor changes were made to the applet for clarity, making it easier than ever for you or your group to submit your Field Day results to ARRL.

Several entrants posted their personal stories to the Field Day soapbox at **https://field-day.arrl.org/fdsoapbox.php**. Please tell us your stories!

Allison Tucker, 11, operated the Williamsburg Area Amateur Radio Club Get On The Air (GOTA) station with GOTA coach Greg Pula, K3RM, during 2023 Field Day. Allison made 11 contacts. [Dan Ewart, WG4F, photo]

Looking Ahead

We are already looking forward to 2024 Field Day. Consider sharing your strategies for 2024 with the amateur radio community via the ARRL's Field Day Facebook page at **www.facebook.com/groups/arrlfd**. 2024 Field Day will occur on June 22 – 23 (always the fourth full weekend of June). As you read this in December, remember Field Day is only 6 months away!

Three generations of the Burns family operated from the Pine State Amateur Radio Club in the 3A category from Maine during 2023 Field Day. Pictured from left to right are Evan H. Burns, KC1CMV; Gerald B. Burns, III, K1GUQ, and Gerald B. Burns, Jr., K1GUP. [Wesley Linscott, WA1IOG, photo]

Emily Tucker, 16, was pleased with her seven GOTA station contacts at the Williamsburg Area Amateur Radio Club 2023 Field Day operation with GOTA coach Chuck White, AI4WU. [Dan Ewart, WG4F, photo]

Scores

Score listings are grouped according to the number of transmitters in simultaneous operation and their entry class. The listings show club or group name, call sign(s) used, total number of QSOs, number indicating power output used (5 is less than 5 W, 2 is from 6 W to 100 W, 1 is between 101 W and 500 W), number of participants, and total score including bonus points and ARRL Section. Entries are listed from highest to lowest claimed score in each class: Class A stations are clubs or groups portable with three or more participants; Class B stations are portables with one or two participants (when there are two operators, the second operator's call sign is listed in parentheses, if it is known); Class C stations are mobiles; Class D stations are home stations using commercial power; Class E stations are home stations using emergency power, and Class F stations are EOC stations. Due to the high volume of entries, this listing contains only Class A, B, C, and F stations (these stations are often portable or mobile, representing operations done outside of home locations, and are most representative of the "field" in this communications exercise). Class D, E, and F home stations and aggregate scores will be posted in the digital edition of *QST* and on the ARRL Field Day Page at **http://field-day.arrl.org**.

Three or More Person Club/ Non-Club Portable

1A

GBoSH Field Day Gang
W0FD 1,679 2 7 7,954 CO
Not Case ARC
W3USA 1,627 2 3 7,656 OH
Blazing Paddles FD Team
AB9YC 1,517 2 10 7,436 IL
Mountaintop Operators
AA6FD 1,408 2 4 5,792 CO
Del Mar CERT
W6DMR 1,285 2 3 5,788 SDG
Bedlington Terrior ARC
WA7NB 1,610 2 3 5,774 AZ
Blue Lake Brothers
N0AT 1,083 2 10 5,562 MN
Boomer Contest Club
K5PX 1,312 2 4 5,398 OK
Souris Valley ARC
K0AJW 1,104 2 14 4,352 ND
Tie Siding ARC
W7C 948 2 3 4,342 WY
Dr. Loomis Memorial Junior Mechanics League
W3KDR 1,224 2 7 4,212 MDC
Assoc. Radio Amateurs of So. New England
W1AQ 1,354 2 12 4,144 RI
Palm Bay ARC
K4DCS 722 2 8 3,634 SFL
Lafayette DX Assn.
W9LDX 671 2 10 3,392 IN
New England Radio Discussion Soc.
K1VW 570 2 7 3,096 ME
Clinton Co. Contesters
W9PC 615 2 6 3,042 IN
Page Valley ARC
K4PMH 632 2 15 3,002 VA
Jupiter Tequesta Repeater Grp.
W4J 731 2 60 2,990 SFL
Benton ARS
K5NE 840 2 12 2,980 AR
3 Guys and a Radio
N9EP 566 2 3 2,940 IL
Rochester DX and Contest Club
W0BM 567 2 3 2,818 MN
Spokane DX Assn.
K7NT 649 2 3 2,364 EWA
NHRC ARS
W1CUM 786 2 7 2,202 VT
SCAN/Red Ant Annihilators
KR6AL 738 2 3 1,980 LAX
Jasper RC
K4BEH 330 2 25 1,970 GA
Juneau ARC
KL7JRC 201 2 48 1,926 AK
South Georgian Bay ARC
VE3SGB 418 2 11 1,904 ONS
Androscoggin ARES/RACES
KA1AAR 279 2 38 1,890 ME
Southwest MS ARC
W5WQ 146 2 12 1,880 MS
Union Metropolitaine des Sans-filistes de Montreal
VE2UMS 349 2 25 1,866 QC
Midway ARC and The Radio Active Grp.
W0KY 161 2 11 1,642 NE
Conejo Valley Wireless Assn.
K6SB 347 2 5 1,584 SV
Wood Co. ARES/RACES
W9WCA 161 2 4 1,502 WI
HP Alumni RC
W1HP 318 2 4 1,492 ME
Shingle Mill Hill Boys
KS3H 440 2 3 1,428 VA
N7CN 429 2 3 1,408 UT
Radio Farm
N0MA 300 2 7 1,356 IA
Verde Valley ARA
W7EI 429 2 30 1,340 AZ
Penn Mar RC
W3MUM 520 2 21 1,336 MDC
Reno Co. ARA
W0WR 255 2 7 1,304 KS
Ft. Madison ARC
WF0RT 44 2 8 1,288 IA
Lemhi Dx Grp.
K7A 191 2 3 1,232 ID
Findlay RC
W8FT 248 2 4 1,214 OH
W3JF (+N0OH)
258 2 8 1,207 MN
Upshur Area ARC
K5UAR 200 2 41 1,168 NTX
Vermilion Range ARC
K0VRC 96 2 7 1,134 MN
W7Z 217 2 3 1,118 NV
York Co. (VA) Radio Soc.
N4ARI 180 2 3 1,110 VA
Littleton AR Klub
K1EME 278 2 15 1,106 NH
AE4WX 56 2 5 1,090 NC
Central Dakota ARC
W0ZRT 265 2 20 1,076 ND
Bill's Ranch
K4QXX 252 2 8 1,028 WCF
Skyline ARC
K7BSK 232 2 20 962 UT
W0MRM 201 2 5 954 MO
Mayerthorpe Flying Tigers
VE6FT 600 1 4 950 AB
Samuel F. Morse ARC
W6SFM 146 2 12 934 SV
Maury River Morse Posse
WD8MQN 139 2 11 906 VA
Suburban UHF Amateur Repeater Soc.
K9SA 70 2 11 884 IL
Emergency ARC of HI
KH6CE 54 2 62 876 PAC
Central WA ARC
W7TT 185 2 17 868 EWA
WD8UDF 358 2 3 866 WCF
WD8U 358 2 3 866 WCF
Central Valley AR Enthusiasts
N6OOA 352 2 3 854 SJV
Novi ARC
N8OVI 122 2 3 838 MI
N5ZR 308 2 7 798 STX
KK5HT 151 2 3 782 NTX
Hanburger's Helpers ARC
K3HH 156 2 3 774 NC
Sierra Blanca ARC
KR5NM 105 2 12 760 NM
Southeast MN ARC
W0VGW 93 2 7 736 MN
Melfort Repeater Grp.
VE5YD 186 2 10 722 SK
Indiana Co. ARC
KC3DTE 276 2 3 722 WPA
Crittenden Co. Ham RC
KD9CHL (+KO4JWH)
16 2 4 707 KY
Club Radioamateur Sorel-Tracy
VE2CBS 131 2 6 674 QC
Edgefield Co. ARC
WR4EC 146 2 10 670 SC
Vanguard Sabers ARC
AL5P 204 2 3 658 NTX
Renfrew Co. ARC
VA3NRR 73 2 5 636 ONE
Ozark ARS
W0R 82 2 3 614 MO
Wasteland Comm. Corp.
K6WCC 179 2 8 608 SJV
West MI Repeater Assn.
W8GJX 74 2 8 572 MI
Renton EmComm. Srvc.
K7FDF 9 2 5 568 WWA
East Selkirk ARC
VE4XM 100 2 5 564 MB
Mt. Vernon Boy Scout Troop 40 ARC
WN0BSA 16 2 8 554 IA
KE1C Memorial RC
WA1HRE 138 2 3 546 CT
Pueblo West ARC
NA0PW 72 2 10 532 CO
Terrace ARC
VE7RTK 77 2 7 524 BC
Barred Owl RC
W4OWL 75 2 3 506 NC
Calaveras ARS
N6FRG 126 2 4 502 SJV
Just A Bunch of Hams in CT
NC7R 105 2 4 480 CT
Lambraia Family
K4VBL 59 2 3 468 VA
Outagamie ARES/RACES
K9OUT 74 2 14 454 WI
Ocean State ARG
K1OS 116 2 4 432 RI
Indy Midtown ARC
NE9T 20 2 3 430 IN
Maverick Radio Mentors
K5UTA 83 2 4 416 NTX
Atchison Co. ARS
KS0AT 33 2 4 416 KS
Southern ON AR Experimenters
CJ3ABN 131 2 4 412 GH
Sheboygan Co. ARC
W9VCL 76 2 6 402 WI
Bosque ARC of NM
N5BRC 68 2 8 386 NM
Androscoggin ARC
W1NPP 66 2 38 384 ME
Sudbury ARC
VE3SGK 66 2 3 382 ONN
KW7WP 116 2 3 382 WWA
Ouachita Amateur Repeater Assn.
W5HUM 37 2 20 364 AR
Newton ARA
W0WML 5 2 4 360 IA
Tri County ARC (NC)
NC4AR 34 2 10 318 NC
Nemaha Co. AR Org.
KB0MU 29 2 4 312 KS
UC San Diego ARC
KK6UC 12 2 10 274 SDG
Pueblo West ARC
KB0ZAO 6 2 3 262 CO
Covey Hill ARC
VE2CYH 54 2 10 258 QC
Overlook Mountain ARC
K2OMD 101 2 4 252 ENY
VA6VA 48 2 3 246 AB
Albemarle ARC
WT8H 92 1 3 242 VA
Silver Comet ARS
K4ELI 21 2 3 234 GA
AA3TL 75 2 3 230 EPA
Shoreline ARC
W1BCG 38 2 6 226 CT
Mountain ARC (CA)
W6BW 12 2 3 204 SJV
Jim's Farm Grp.
W0BJ 25 2 4 200 MO
Meriden ARC
W1FD 70 2 5 190 CT
Amador Co. ARC
K6ARC 61 2 8 172 SV
East Selkirk ARC
VE4RBH 31 2 3 112 MB

1A — Battery

Ridge Runners RC
W6BX 751 5 3 7,860 SCV
Signal Hill ARC
WS6X 731 5 6 7,760 WV
Chew's Ridge Gang
K6MI 565 5 6 5,910 SCV
Oak Mountain QRP Daredevils
KJ4M 511 5 3 5,530 AL
South TX Rovers
KA5D 441 5 4 4,670 STX
Hunt Co. Packet Club
N5T 373 5 3 4,380 NTX
Puerto Rico Digital Ops. Grp. Srvc.
KP4DOG (+WP4QNQ)
312 5 3 2,950 PR
Saguaro Nights ARC
NS7F 210 5 11 2,800 AZ
K8RXB Solar QRP CW Grp.
K8RXB 181 5 4 2,160 MI
Montezuma Valley Ham Breakfast Grp.
WE7C 125 5 4 1,800 CO
Narwhal ARS
NR7WL 104 5 8 1,785 WWA
Michigan UP Field Day Adventure
K8S 102 5 4 1,770 MI
Dekalb Co. ARC
AB4QL 129 5 7 1,740 AL
KN4RLM 62 5 27 1,270 AL
K4RET 81 5 3 1,060 VA
Club Radioamateur Maskoutain
VE2CAM 68 5 3 1,010 QC
Aiken RC
AE4GX 35 5 3 600 SC
Alberta Clippers
VE6EX 32 5 5 570 AB
Aiken RC
N4WDC 20 5 3 350 SC
Boston Mountain RC
K5JTB 3 5 3 280 AR

The Newton Amateur Radio Association Inc., WØWML, used an Icom IC-7300 and a 12 V battery for power with a G5RV antenna strung between two large trees.

Niagara Frontier Radiosport
KD2KEH 6 5 3 80 WNY

1A — Commercial

Fulton Co. (KY) ARC
K4CAY (+KG4ZDN)
68 2 28 1,371 KY
Pathfinders ARC
VA4PAR 501 2 7 1,252 MB
Northern KY ARC
AI4BJ 148 2 6 916 KY
Michigan AR Alliance
W8USA 269 2 6 870 MI
Kilowatt ARC
KØKWC 62 2 3 774 MO
Crooked River Contest Club
K8VUS 146 2 3 734 OH
Berea College
AD4AX 41 2 5 708 KY
Wood Co. ARA
K5TXQ 172 2 18 694 NTX
Manhattan Area ARS
KSØMAN 207 2 20 666 KS
Carbon ARC
W3HA 168 2 7 620 EPA
Ohio Valley Experimenters Club
KD8LBS 97 2 5 584 OH
Morningside Mischief Makers
W6CBA 66 2 4 322 ORG
Club Radioamateur Rive Sud de Montreal
VE2CLM 61 2 9 312 QC
Monessen ARC
W3CSL 16 2 10 282 WPA
Newark ARA
N8ARA 16 2 12 282 OH
Ellis Co. Ham Operators
WØRBO 22 2 28 274 KS
Frederick ARC
VE9ND 35 2 12 272 NB
Santa Clara Co. ARA
KK6HWN 33 2 3 216 SCV
McMinnville ARC
W7ISE 54 2 3 158 OR
Comanche Co. ARC
N7DOD 50 2 3 150 OK
Federacion de Radio Aficionados de P. R.
WP4LFS (+WP4PBW)
2 2 3 59 PR

2A

Radio Amateurs of Northern VT
W1NVT (+W1PU)
4,906 2 19 19,053 VT
Newport Co. RC
W1SYE (+NE1RI)
4,161 2 50 16,727 RI
Cape Fear ARS
K4MN (+N1GNF)
3,409 2 57 15,298 NC
Muskogee ARC
K5CM (+K5I)
2,655 2 10 11,504 OK
Mississippi State Univ. ARC
W5YD (+K5MFJ)
2,576 2 10 9,471 MS
Tom's Garage ARC
N6MI (+N7DA)
2,268 2 7 9,129 SJV
McHenry Co. Wireless Assn.
K9RN (+W9TD)
1,657 2 16 8,298 IL
Greer ARC
K4SV (+NY4G)
2,700 2 29 8,297 SC
Carbon Co. DX Club
N7W 2,544 2 9 8,220 WY
Potomac Valley RC
W4YY 1,919 2 8 7,926 VA
CTRI Contest Grp.
KE1S 1,745 2 11 7,740 CT
Blackstone Valley ARC
W1DDD (+NA1Q)
1,647 2 40 7,517 RI
Pine Belt ARC
K5PN 2,082 2 14 7,396 MS
Falmouth ARA
K1RK 1,767 2 33 6,976 EMA
Reelfoot ARC
K4RFT (+N4MJ)
953 2 13 6,755 TN
Bergers Bandits Contest Club
K3II 1,576 2 3 6,654 EPA
Oakland Co. ARS
W8TNO 1,294 2 7 5,926 MI
Williamsburg Area ARC
K4RC (+AI4WU)
1,158 2 92 5,739 VA
Tallahassee ARS
K4TLH (+AJ4D)
1,303 2 24 5,590 NFL
The Berwick Contest Team
WQ3N 1,626 2 4 5,390 WPA
Nashoba Valley ARC
N1NC 1,191 2 26 5,384 EMA
Brunswick Shores ARC
N4GM (+K1YC)
915 2 39 5,357 NC
Crawford ARS
W3MIE (+N3QQH)
1,178 2 25 5,333 WPA
Palos Verdes ARC
K6PV 1,246 2 18 5,256 LAX
Mecklenburg ARS
W4BFB (+NC4DP)
1,314 2 60 5,239 NC
Monroe Co. Radio Comm. Assn.
W8PI (+W8DWL)
1,049 2 17 5,216 MI
Rogue Valley ARC
K7MFR (+W6PO)
1,231 2 27 5,213 OR
ARRL Puerto Rico Section
NP3O 1,577 2 11 5,030 PR
Wyandotte Co. RACES/JARS
WØKCK (+WØLB)
920 2 28 4,965 KS
Lake Whitney ARS
NZ5T (+N5DEW)
791 2 31 4,946 NTX
Susquehanna Valley ARC
W3VPJ (+KA3IRJ)
1,027 2 29 4,901 EPA
Club Radioamateur de Quebec
VE2CQ (+VE2CDX)
993 2 32 4,871 QC
Larkfield ARC
W2LRC (+W2ALJ)
914 2 60 4,571 NLI
Fidelity ARC
W1MB (+K1NQG)
1,276 2 18 4,498 RI
Proske's Posse
N2NC 1,309 2 4 4,438 WV
W/K ARC of Greater Milwaukee
W9I 946 2 14 4,364 WI
Mid-MO ARC
NØSS 812 2 27 4,326 MO
Montreal ARC/West Island ARC
VE2CWI (+VE2ARC)
843 2 35 4,086 QC
Mizpah Shrine Radio Unit
W9FEZ 945 2 8 4,078 IN
Massillon ARC
W8NP (+KC8WVH)
927 2 64 4,069 OH
Montrose Co. ARC
KØIIT 1,049 2 58 4,020 CO
Canton ARC
W8AL (+NX8J)
804 2 20 3,988 OH
Cross Roads Ham RC
W5LCR (+KI5OMW)
676 2 28 3,943 STX
Spartanburg ARC
K4II 885 2 20 3,918 SC
Stamford ARA
W1EE 1,060 2 24 3,916 CT
Big Bend ARC
K5FD (+KI5ZVK)
628 2 21 3,862 WTX
Hancock ARC
W9ATG (+N9TT)
750 2 31 3,810 IN
Waldo Co. ARA
N1TN 1,127 2 13 3,764 ME
Muscle Shoals ARC
W4JNB (+KO4CLD)
583 2 44 3,724 AL
West VA AR
WV8AR 1,086 2 9 3,704 WV
Williamson Co. (TX) ARES
K5A (+K5NCO)
655 2 5 3,657 STX
Butler Co. (OH) ARA
W8WRK 862 2 18 3,640 OH
Iowa Wireless AR Network
NØIWN 698 2 12 3,634 IA
Ak Sar Ben ARC
KØUSA (+WØJG)
887 2 61 3,609 NE
Candlewood ARA
W1QI 729 2 16 3,564 CT
Mics & Beers
WW7A (+AF7SC)
526 2 7 3,541 EWA
Charleston ARS
WA4USN 705 2 32 3,538 SC
Athens Co. ARA
W8MHV 716 2 7 3,518 OH
National Electronics Museum ARC
K3NEM 894 2 12 3,470 MDC
Schaumburg ARC
N9RJV (+KD9NJR)
526 2 41 3,455 IL
Franklin Co. (VA) ARC
K4UK (+W6ING)
708 2 3 3,453 VA
444 DX Grp.
K2IN 931 2 5 3,448 NNJ
Livingston AR Klub
W8LRK (+K8OVW)
584 2 14 3,447 MI
Tamiami ARC
W4AC (+W2XYZ)
1,336 1 43 3,354 WCF
Anaconda ARC
W7VNE 813 2 9 3,342 MT
MAARC
VE9RAC 893 2 38 3,312 NB
CITARC/JPLARC/PRC/SPARC
W6VIO 1,270 2 6 3,310 LAX
Westcoast ARA
VE7VCC 698 2 27 3,298 BC
Seaway Valley ARC
VE3VSW (+VE3SVC)
550 2 15 3,280 ONE
PSRG/WSARC/Seattle ACS
W7AW (+W7ACS)
607 2 90 3,243 WWA
Blossomland ARA
W8MAI (+W8KIT)
530 2 28 3,241 MI
South East Metro ARC
WØCGM (+KDØIRF)
564 2 11 3,217 MN
Irvine Disaster EmComm
N6IPD (+WB6CJH)
745 2 38 3,206 ORG
Radio Operadores Del Este
KP3RE 811 2 17 3,184 PR
Devanooga
W3DEV (+AB3I)
924 2 3 3,150 TN
Palo Alto ARA
W6ARA (+K6OTA)
1,229 1 64 3,110 SCV
West TX ARC
NT5EE 703 2 11 3,098 WTX
Heart O' Texas ARC
W5ZDN (+K5ZDN)
411 2 20 3,054 NTX
ARC EmComm. Srvc.
WB2QBP (+K2ARC)
923 2 20 3,032 NLI
Wahkiakum Co. ARC
N7WAH 545 2 10 2,974 WWA
Lisbon Area ARA
K8GQB (+K8LDX)
293 2 15 2,895 OH
Parker Radio Assn.
KØPRA (+AC5S)
780 2 45 2,890 CO
Ashe Co. ARC
K4J (+N4J)
341 2 15 2,887 NC
Greensboro ARA
W4GSO 607 2 7 2,864 NC
Lake Region ARC
KØQIK (+KDØOIX)
413 2 15 2,863 MN
Hellgate ARC
W7PX (+N7PAS)
827 2 9 2,836 MT
Motor City RC
W8MRM 464 2 26 2,818 MI
Peekskill Cortlandt ARA
W2NYW 589 2 27 2,810 ENY
Wiregrass ARC
W4DHN 633 2 15 2,802 AL
Marinette & Menominee ARC
W8PIF 816 2 34 2,802 MI
Escondido ARS
N6SD 569 2 9 2,786 SDG
Middle Peninsula ARC
W4HZL (+KM4VTT)
374 2 36 2,769 VA
Motorola ARC (AZ)
W7MOT 444 2 9 2,748 AZ
Lenoir ARC
N4LNR 537 2 25 2,736 NC
Bryan ARC
W5BCS 700 2 54 2,724 STX
Lancaster Co. (VA) ARES
WE4LC 553 2 12 2,714 VA
Raytown CERT ARC
KCØERT 457 2 8 2,636 MO
Hampden Co. Radio Assn.
W1NY 694 2 10 2,634 WMA
Mohawk ARC
N1WW 683 2 12 2,590 WMA
Bonner Co. ARC
K7JEP 430 2 23 2,550 ID
Tri County ARC (WI)
W9MQB (+KC9FYL)
441 2 12 2,500 WI
Shelby ARC
W4NYR (+W4PZH)
290 2 20 2,480 NC
River Hills ARC
WØRHX 441 2 24 2,480 MO
Moore Co. ARS
NC4ML 557 2 12 2,478 NC
Lincoln Co. ARC
K1LX (+W1ETI)
358 2 4 2,423 ME
Ogden ARC
W7SU 559 2 45 2,406 UT
Zephyrhills Area ARC
W1PB 505 2 11 2,370 WCF
Half Moon Bay ARC
WR6HMB (+KN6QDR)
334 2 25 2,359 SCV
CRES ARC
W8ZPF 654 2 20 2,354 OH
Orrville ARS
KD8SQ 525 2 4 2,328 OH

Roanoke Valley ARC
W4CA (+KJ4ZZX)
449 2 23 2,325 VA
New Jersey Antique RC
W2RTM 864 2 12 2,318 NNJ
Eastern MI ARC
K8EPV 451 2 23 2,306 MI
SC4ARC
W6SCF (+KM6DOV)
241 2 19 2,304 SCV
North Eastern DX Club
KP4DXC 667 2 4 2,304 PR
Garland ARC
K5QHD 276 2 45 2,294 NTX
First Baptist Church Huntsville RC
K4FBC 455 2 6 2,270 AL
Wexaukee ARC
K8CAD 497 2 14 2,258 MI
Explorer Post 599
WA2DFI (+W7BSA)
403 2 10 2,236 AZ
High Sierra Field Day Grp.
K6VT (+W6CHP)
372 2 5 2,234 SV
Northeast WI ARC
K9TIT 436 2 10 2,230 WI
Decatur ARC
W4ATD (+K4HNH)
417 2 32 2,229 AL
Maui ARC
KH6RS 1,295 1 15 2,215 PAC
Pamlico ARS
K4BCH 368 2 23 2,202 NC
Barrie ARC
VE3GCB 554 2 12 2,178 ONS
El Dorado Co. ARC
AG6AU 620 2 14 2,126 SV
Columbia (MD) ARA
K3CUJ 354 2 56 2,114 MDC
Barron Co. ARA
KD9EJA 483 2 9 2,098 WI
Highline ARC
NC7G (+WA7ST)
302 2 27 2,076 WWA
Story Co. ARC
WØYL (+WØYR)
286 2 12 2,055 IA
West Allis RAC
W9FK (+KD9HPS)
353 2 12 2,054 WI
Case ARC
W8EDU 220 2 40 2,048 OH
North Shore ARC (BC)
VE7NSR 473 2 23 2,042 BC
Palatine ARES/RACES
W9P (+WX9PAL)
208 2 12 2,014 IL
Independent Radio Crew
K3ODX 525 2 4 1,994 EPA
Matagorda Co. ARC
W5WTM 291 2 41 1,992 STX
Niagara RC
W2QYV 684 2 6 1,990 WNY
Phillips Co. ARC
WØZXN 410 2 6 1,964 KS
Foothills ARS (CA)
K6YA (+W6VYC)
375 2 24 1,960 SCV
Greenwood ARC
VE1ARC (+VE1WN)
208 2 27 1,931 NS
Kansas/Nebraska ARC
NØGJ 288 2 20 1,926 KS
Jim Bell Wireless Assn.
K4TNS (+WE4AU)
207 2 10 1,926 AL
West AL ARC
KC4UG 395 2 20 1,900 AL
Davie/Cooper City ARC
NA4DC 200 2 20 1,862 SFL
Fox Cities ARC
W9ZL (+N9AOT)
305 2 27 1,858 WI
NØSFF 629 2 10 1,838 IA
Four Corners ARG
KD1PE (+KI5TOZ)
192 2 8 1,838 NM
Audrain EmComm
AAØRC 230 2 18 1,818 MO
SEKARC
WØF 680 1 21 1,816 KS
Club Radioamateur VE2CWQ
VE2CWQ 363 2 11 1,808 QC
Central Coast ARG
W6WJ (+KI6FW)
221 2 10 1,763 SB

Southern VT ARC
K1SV (+WA1MAG)
351 2 7 1,699 VT
Tri-Lakes ARC
KCØM 301 2 14 1,696 MO
Washington Area ARC
WØARC 304 2 17 1,686 IA
Oak Ridge ARC
K4PJ 292 2 15 1,668 TN
Stanly Co. ARC
K4OGB (+N4JAT)
216 2 12 1,668 NC
Scranton Pocono AR Klub
K3CSG (+W3W)
61 2 11 1,667 EPA
Antelope Valley ARC
K6OX 174 2 9 1,614 LAX
Turkey Heaven Mtn. Repeater Assn.
N4THM 301 2 8 1,594 AL
Rusk Co. ARC
N5RCA 213 2 12 1,592 NTX
Socorro ARA
W5AQA (+KJ5AXZ)
210 2 23 1,589 NM
San Jose ARES/RACES
W6SJC (+AJ6DU)
285 2 15 1,572 SCV
Iowa City ARC
WØJV 386 2 15 1,560 IA
Dekalb Co. ARC
W4DGH 339 2 27 1,548 AL
Palouse Hills ARC
KD7PH 106 2 10 1,542 ID
Ramona Outback ARS
N6ROR 587 2 4 1,524 SDG
Cabarrus ARS
K4WC 195 2 6 1,524 NC
Clallam Co. ARC
W7FEL 260 2 35 1,518 WWA
Midwest ARC
WØQJ 334 2 3 1,510 MO
North Okanagan RAC
VE7NOR 368 2 30 1,506 BC
Geauga ARA
K8WHB (+AD8G)
186 2 22 1,502 OH
Eastern Shore ARC
K4BW 192 2 10 1,484 VA
Mountain ARC (CO)
NXØG 261 2 10 1,474 CO
Fond du Lac ARC
W9EBV 199 2 16 1,468 WI
Boaz-Albertville ARC
KN4UPN 153 2 24 1,460 AL
Northwest IL RC
W9F 148 2 15 1,442 IL
Univ. of Michigan
W8UM (+W8AXZ)
96 2 4 1,442 MI
Lehigh Valley ARC
W3OI 215 2 25 1,412 EPA
Titusville ARC
K4KSC 279 2 3 1,402 SFL
Huron ARA
WØNOZ 255 2 9 1,384 SD
Palestine Anderson Co. ARC
K5PAL 228 2 5 1,378 NTX
Eastern Panhandle ARC
K8EP 199 2 8 1,374 WV
Eastern Fulmont ARC
W2F 146 2 4 1,372 NNY
Cambridge ARA
W8VP 207 2 16 1,364 OH
Hiawatha Valley ARC
AAØRW 344 2 20 1,358 MN
Runestone ARC
WØALX 268 2 9 1,352 MN
Addison Co. ARA
N1FS 230 2 3 1,348 VT
Arkansas Radio Em. Srvc.
N5AT 211 2 28 1,332 AR
Elko ARC
W7N (+KM7SC)
261 2 15 1,330 NV
Powhatan Area RC
N4POW 345 2 44 1,324 VA
Harvard Sportsman's Club
WU3C 224 2 6 1,318 EMA
Paso Robles ARC
W6R 325 1 12 1,315 SB
Richmond Amateur Telecom. Soc.
W4RAT 402 2 40 1,300 VA
Fullerton RC
W6ULI (+W6LF)
113 2 10 1,298 ORG
KØW 68 2 3 1,286 CO
Pen Bay ARC
W1PBR 212 2 5 1,268 ME

YARS/MVRC/SAC ARC/Yolo Co. ARES/Berryesa ARC
W6YAR 114 2 15 1,266 SV
West Palm Beach ARG
W4HAW (+WS4FSC)
326 2 9 1,264 SFL
Muncie Area ARC
N9RI 182 2 11 1,258 IN
Laurel ARC
W3LRC 198 2 7 1,246 MDC
Sooland ARA
KØTFT 255 2 14 1,244 IA
Morrow Co. ARS
W8NL 279 2 4 1,212 OH
Club Radioamateur de la Vallee du Richelieu
VE2CVR 195 2 10 1,186 QC
SCARS
KC8SQQ 249 2 7 1,186 OH
Whitewater Valley ARC
N9JM 351 2 7 1,172 IN
Sunnyvale ARES
K6SNY 95 2 70 1,172 SCV
Montgomery ARC
W4AP (+K1AZE)
177 2 17 1,169 AL
HacDC ARC
W3HAC (+K2WT)
267 2 20 1,165 MDC
Beaufort Radio Amateur Grp.
W4BFT 52 2 12 1,162 SC
North Franklin ARS
N2NNY (+KD2ZKZ)
155 2 8 1,160 NNY
Northern IL Quad Co. ARG
K9T 132 2 8 1,160 IL
3 Rivers ARC
KK3ARC 138 2 20 1,156 ID
Do Something ARC
W7I 54 2 19 1,146 ID
Meigs Co. ARC
KC4MC 152 2 4 1,146 TN
Kings Co. RC
KC2RC 156 2 22 1,108 NLI
Winona ARC
WØNE 244 2 15 1,102 MN
Chicago Suburban Radio Assn.
W9SW 225 2 24 1,100 IL
Caribbean ARG
WP4CRG 240 2 20 1,086 PR
Sunday Creek ARF
KC8AAV 364 2 6 1,086 OH
The ARC at The Ohio State Univ.
W8LT 128 2 8 1,062 OH
Lowell ARC
W8LRC 353 2 15 1,056 MI
Metuchen RC
K2YNT 245 2 8 1,046 NNJ
West TN ARS
WF4Q 46 2 11 1,042 TN
Northeast IA Radio Amateur Assn.
WØMG 154 2 20 1,036 IA
Mt. Tom ARA
W1TOM 40 2 24 1,030 WMA
Manotick ARG
VE3AIR 84 2 3 1,004 ONE
Radio Amateurs of Skagit Co.
W7ABF 112 2 15 998 WWA
Perry Co. ARC
KC3TKC (+KC3VST)
173 2 16 991 EPA
Central Alberta ARC
VE6QE 208 2 18 966 AB
KM5VZ (+KI5ULS)
32 2 3 964 NTX
Wildcat Creek DX and Contest Club
NF9B 231 2 3 964 IN
Boone and Hamilton Co. ARES
KØKWO 156 2 6 958 IA
Chisholm Trail ARC
WD5IYF 101 2 7 948 OK
Moose Pirates
N3MM 169 2 5 926 VA
Kershaw Co. ARC
KC4RC (+K4KBI)
24 2 19 925 SC
Peconic ARC
W2AMC 108 2 21 924 NLI
Pictou Co. ARC
VE1UW 185 2 13 920 NS
Maple Valley ARC
K7C 63 2 12 918 WWA
Portsmouth ARC
W4POX 109 2 15 918 VA
Southwest LA Amateur Repeater Club
W5BII 21 2 15 916 LA
Bonner Co. ARES
K7BNR 22 2 6 914 ID

Chequamegon Nicolet National Forest ARG
N9CNF 200 2 3 906 WI
Aerospace Employees Assn. ARC
W6AGO 15 2 10 906 LAX
Newaygo Co. Amateurs
NA8M 76 2 16 902 MI
Temple ARC
W5LM 15 2 10 900 NTX
Valley and Massanutten ARA
KO4CTF 221 2 6 892 VA
Rich and Ron's Field Day
KJ6HRO 140 2 6 880 SV
Sky Valley ARC
W7SKY 14 2 10 880 WWA
Sullivan Lake Hams
W9TH 202 2 9 874 IN
Chippewa Valley ARC
W9CVA 105 2 7 870 WI
Whatcom EmComm Grp./Mt. Baker ARC
K7ZC 121 2 22 858 WWA
Greenwood ARS
W4GWD 33 2 39 836 SC
Weld ARS
KØEB 230 2 18 832 CO
East Penn ARC
W3LP 288 2 3 826 EPA
Spa ARA
WB5SPA 79 2 13 822 AR
Elgin ARS
VE3RSE 135 2 10 820 ONS
TLSC ARG
KC3TL 124 2 19 818 WPA
Kenton ARC
W8KTN 123 2 8 796 OH
Iola ARC
WIØLA 115 2 10 790 KS
Yukon ARA
XO1DX 84 2 8 784 TER
SEL ARC
K7SEL 165 2 9 780 EWA
Los Alamos ARC
W5PDO 97 2 15 778 NM
Raritan Bay Radio Amateurs
K2GE 89 2 6 770 NNJ
Davenport ARC
WØBXR 106 2 25 762 IA
North GA VHF Soc.
K4NGA 126 2 10 754 GA
Arizona Red Cross Comm. Club
K7ARC 45 2 5 740 AZ
Stillwater ARA
WØJH (+KBØSCE)
147 2 22 728 MN
Southern AR Experiments Club
W5AXC 159 2 3 718 MS
Culver City ARES
K6CCR 73 2 11 716 LAX
Hi-Line ARC
W7HAV 32 2 12 714 MT
Pioneer Radio Operators Soc.
K2PRO 148 2 12 700 WNY
Eva ARC
KQ4BLF 95 2 5 696 AL
Martinez ARC
KF6HTE 58 2 13 682 EB
Cowichan Valley ARS
VE7CVA (+VE7AQW)
126 2 10 680 BC
Convair-220 Club of San Diego
W6UUS (+WD6HFR)
51 2 31 669 SDG
Vashon Maury Islands RC
W7VMI 177 2 21 652 WWA
VAOKARC
KW4MK 120 2 5 622 VA
Cookeville Repeater Assn.
K4CP 50 2 13 620 TN
Walton Co. Repeater Grp.
WC4RG 56 2 10 610 GA
Firth Stake, Church of Jesus Christ of Latter Day Saints
W7F (+AG7IK)
77 2 4 599 ID
Prairie Dog ARC (TX)
N5OX 24 2 8 598 WTX
Knox Co. ARC
W9GFD 45 2 10 596 IL
Pahrump AR Repeater Assn.
W7NYK 55 2 20 588 NV
Sturdy Memorial Hospital ARC
W1SMH 103 2 8 576 EMA
Pella ARC
KØPEA 12 2 14 574 IA
Big Island ARC
KH6EJ 30 2 10 558 PAC
Audubon ARC
K2AUD 103 2 3 556 SNJ

W4CDA 53 2 5 548 KY
Abbotsford ARES Soc.
VE7ECC 147 2 14 544 BC
Oroville ARS
W6AF 68 2 20 542 SV
Aurora ARG
WL9Z 15 2 3 510 MO
Bear Mountain Grp.
W7PL 100 2 5 510 OR
Campbell River ARS
VE7CRC 176 2 10 502 BC
Piscataway ARC
K2VOA 122 2 6 492 NNJ
Willits ARS
W6MMM 61 2 7 472 SF
Desert Circle ARC
NU7DE 37 2 3 462 AZ
Old Times Ham RC
KM4OT 75 2 7 454 NC
Harlan Co. ARES
KY4HCA 1 2 3 452 KY
Ft. Bridger Brass Pounders
KV7V 75 2 4 448 WY
Univ. of Southern California ARC
W6YV 42 2 3 434 SB
Mercury Net
AC7R 14 2 4 378 AZ
Williston Basin ARC
KØWSN 13 2 3 376 ND
Gorge East AR
KE7EEM 35 2 7 368 OR
Simpson Co. ARS
KN4UTV 76 2 6 342 KY
Henderson ARC
KF4KF 32 2 3 332 MT
Pickton RC
KN6YOO 37 2 4 326 SF
North Yellowstone ARC
NY7AR 30 2 3 310 MT
Clark Co. ARA
W8OG 8 2 4 266 OH

2A — Battery

510 Radio Grp.
N1A 999 5 5 10,740 WMA
QRP Pals
N9NE 912 5 5 9,455 WI
NETX QRP Contest Fed.
KA5CJJ 715 5 3 7,395 NTX
Wilsons Wonders
WA7NCL 633 5 3 7,165 EWA
Lanark North Leeds ARES
VE3LCA 390 5 14 4,430 ONE
Club KC5NX
KC5NX 332 5 61 3,290 NTX
Boschveldt QRP Club
W3BQC 233 5 3 2,880 EPA
Zuni Loop MEF
N6GA 218 5 5 2,830 LAX
Franklin Co. (MA) ARC
AC1L 155 5 12 2,500 WMA
DelMarVA DX Assn.
W3PP 233 5 3 2,455 DE
Tulsa Digital RC
KT5DIG 174 5 7 2,190 OK
Charlottetown ARC
VY2RAC (+VY2CRS)
19 5 7 1,475 PE

2A — Commercial

Radio Central ARC/Order of Boiled Owls of NY
W2RC 2,585 2 16 8,900 NLI
Smith Chart ARS
K4OO (+W2RML)
1,620 2 9 6,420 NC
Monte del Estado FD Crew
NP3X 1,459 2 6 5,638 PR
Not Quite Workable Contest Club
K8NQW 1,301 2 4 5,406 OH
Greater Bridgeport ARC
W1BPT (+NI1Q)
776 2 8 3,992 CT
Bearcat DX Club
W8BXG (+K8BUB)
1,501 2 20 3,930 OH
Sumter ARA
W4GL 779 2 25 3,784 SC
Henry Co. ARC
W9OB (+K9UOK)
631 2 24 2,945 IN
Southwest Dallas Co. ARC
W5WB (+W5AUY)
544 2 15 2,901 NTX
Green Valley ARC
N7GV 392 2 26 2,274 AZ
Tri County ARC (GA)
WX4TC 724 2 21 1,858 GA
Skyview RC
KS3N 506 2 3 1,544 WPA
Cascade RC
W7EK 260 2 18 1,464 WWA
Iroquois Co. ARC
AD9L (+W9GRS)
122 2 17 1,345 IL
QSY Soc.
K2QS (+N2SKP)
115 2 7 1,316 ENY
Country Pond ARG
KC1RFR 308 2 15 1,268 NH
Indian River ARC
AJ4IR 255 2 5 1,182 SFL
Hawkins Hancock AR Team
N2H 166 2 5 982 TN
Skyline Tower ARC
W7DTV 218 2 7 892 OR
Thibodaux ARC
W5YL 186 2 10 826 LA
Mountain State Transmitters
K8VNQ (+AD8DA)
127 2 12 804 WV
Mackenzie Regional RC
VE6MRF 117 2 7 688 AB
Lee Co. (TX) ARES
WD5LEE 79 2 9 604 STX
Friends of W1RI
W1RI 38 2 5 584 RI
Yellowstone RC
K7EFA 124 2 25 584 MT
East Pasco ARS
K4EX 134 2 12 518 WCF
Lanierland ARC
W2T 77 2 28 358 GA
Mayes Co. ARC
WX5MC 91 2 8 332 OK
3 Guys with Radios ARC
KM3GWR 30 2 3 320 IL
Garden School ARC
K2GSG 6 2 12 289 NLI
Coastline ARA
N1EG 60 2 10 270 CT
East Bay ARC
W6CUS 9 2 10 268 EB
Lake Cumberland ARA
N4LCA 67 2 27 250 KY
EWEphoria RC
K1EWE 92 2 4 234 NFL
Boonville ARC
KØFV 26 2 13 222 MO
Friendship ARC
N4FRC 20 2 8 214 NFL
Antigonish ARC
VE1RTI 7 2 4 164 NS
North GA ARC
W4QQ 44 2 5 138 GA
Brazoria Co. ARES
K5BRC 26 2 26 102 STX
West TX ARC
N5BT 16 2 3 82 WTX
Westside ARC
W5ABD 3 2 3 56 LA

3A

Rochester (NY) DX Assn.
W2RDX (+W2AN)
2,900 2 30 13,962 WNY
North Fulton ARL
K4JJ (+NF4GA)
3,274 2 132 12,741 GA
Providence Radio Assn.
W1OP (+W1C)
2,925 2 39 12,608 RI
Prairie Dog ARC (SD)
WØOJY (+WØEJ)
2,948 2 33 12,363 SD
Randallstown ARC
N3IC (+K3MZ)
3,196 2 17 12,046 MDC
North Shore RC
K9SS (+NS9RC)
2,664 2 102 11,465 IL
Fulton Co. (IL) ARC
K9ILS (+NK9C)
2,628 2 25 11,109 IL
Mississippi Valley ARA
WØAA (+W9FCC)
3,457 2 17 11,065 MN
Rocky Mountain Ham Radio
NØSZ (+WØKVA)
2,501 2 32 10,164 CO
Signal Hill ARC
K4NN 2,337 2 6 9,460 WV
North Shore Radio Assn.
NS1RA 2,151 2 33 9,388 EMA
ARES of Douglas and Elbert Co.
NØKV (+NØIVN)
2,358 2 32 9,367 CO
Ozaukee RC
W9CQO (+AE9MY)
2,327 2 25 9,202 WI
Port City ARC
K1R (+W1WQM)
2,427 2 25 9,175 NH
Mountaineer ARA
W8SP (+NE3R)
1,986 2 28 8,923 WV
White River Radio Comm. Grp.
K5UZ (+AG5CC)
1,842 2 20 8,911 AR
United Radio Amateur Club
K6AA 2,412 2 15 8,882 LAX
Charlotte ARS
WX4E (+KK4ZSC)
1,811 2 17 8,855 WCF
Annapolis Valley ARC and Kings Co. ARC
VE1LD (+VA1AVR)
1,912 2 33 8,697 NS
Johnson Co. Radio Amateurs Club
WØERH (+WØAR)
2,075 2 48 8,339 KS
Columbus ARC
W4CVY (+W4FIZ)
2,149 2 35 8,254 GA
Central WV Wireless Assn.
K8DF (+WV8HC)
2,154 2 25 8,092 WV
Bella Vista RC
N5BVA (+W5YO)
1,891 2 97 7,916 AR
Lynchburg ARC
K4CQ (+W3CQ)
1,906 2 49 7,854 VA
OH-KY-IN ARS
K8SCH (+N8YC)
1,731 2 30 7,770 OH
Dial RC of Middletown
K8PI (+W8BLV)
1,567 2 35 7,500 OH
Boston ARC
W1BOS 1,725 2 20 7,364 EMA
Garden State ARA
W2GSA 2,104 2 30 7,310 NNJ
Okaw Valley ARC
K9O (+AD9RR)
1,547 2 55 7,082 IL
Utah Valley ARC
K7UVA (+K7GSL)
1,711 2 47 6,778 UT
Stanwood-Camano ARC
W7PIG (+KJ7FGG)
1,415 2 15 6,721 WWA
Wireless Soc. of Southern ME
W1M (+KC1KTX)
1,327 2 19 6,579 ME
Ellsworth Amateur Wireless Assn.
W1TU (+KB1NEB)
1,326 2 20 6,400 ME
Valley and Massanutten ARA
W4XD (+K4MRA)
1,345 2 28 6,351 VA
The 415 ARC
N9WH (+W9JM)
1,261 2 19 6,328 IL
San Mateo RC
W6UQ (+AJ6VY)
1,309 2 62 6,289 SCV
Vienna Wireless Soc.
K4XY (+K4HTA)
1,367 2 30 6,279 VA
Barnstable ARC
W1MA 1,420 2 28 6,200 EMA
St. Louis ARC
KØLIR 1,533 2 12 6,114 MO
Boulder ARC
WØDK 1,645 2 25 6,114 CO
Forx ARC
NØGF 1,307 2 20 5,924 ND
Tennessee Valley DX Assn.
N4LT (+WA4AA)
1,111 2 47 5,767 TN
XRX RC & Monroe Co. ARES
W2XRX (+WB2EOC)
1,070 2 29 5,680 WNY
Piglet Radio
N9BCN (+W9CZK)
1,388 2 27 5,571 IN
Macoupin Co. ARC
K9M (+K9MCE)
1,434 2 24 5,502 IL
Michiana ARC
W9AB 1,448 2 23 5,484 IN
Hughes ARC
W6HA (+N6VZF)
1,306 2 19 5,421 LAX
Old Barney ARC
N2OB (+N2CW)
796 2 27 5,419 SNJ
CARESS-BARC-NWARC-VECTOR
VE7SCC 1,338 2 30 5,382 BC
Sun Parlour ARC
VE3SPR 1,396 2 11 5,334 ONS
Club Radioamateur dl l'Outaouais
VE2CRO 1,343 2 31 5,326 QC
Nashua Area Radio Soc.
N1FD (+WE1H)
1,375 2 23 5,295 NH
Lincoln ARC
KØKKV (+KØSMM)
1,006 2 50 5,259 NE
West Fork ARC
K5YW (+W5FKN)
1,737 2 14 5,254 NTX
Springhill Repeater Assn.
W4C (+WT4CC)
867 2 37 5,161 TN
Montachusett ARA & Waltham ARA
W1GZ (+W1MHL)
1,062 2 12 5,150 WMA
Pikes Peak Radio Amateur Assn./CO Traffic League
AFØS (+KØNTS)
1,081 2 22 5,098 CO
Cumberland Plateau ARC
K4T (+W8EYU)
1,040 2 26 5,039 TN
Wireless Assn. of South Hills ARC
N3K (+N3T)
1,174 2 20 5,005 WPA
Albemarle ARC
W4DO (+WA4TFZ)
1,012 2 43 4,945 VA
Idaho Mountain ARS
KX7ID (+AI7RV)
882 2 12 4,888 ID
Edmond ARS
K5EOK 1,226 2 40 4,828 OK
Panoramaland ARC
K7JAR (+KG7VMV)
736 2 20 4,777 EWA
Dallas ARC
W5FC 903 2 50 4,708 NTX
Kent Co. ARC
N3Y (+W3DOV)
850 2 25 4,670 DE
Blue Ridge ARC
W4YK 1,155 2 40 4,610 NC
Saratoga Co. ARA
K2DLL (+KG2H)
838 2 26 4,507 ENY
Cedar Valley ARC/Collins ARC
WØGQ 1,126 2 75 4,456 IA
Mining ARC/St. Paul RC
WØMR (+KØAGF)
932 2 65 4,382 MN
Baldwin Co. ARC
N4MZ 822 2 27 4,378 AL
Central MI ARC
W8MAA (+WX8MOJ)
1,078 2 58 4,217 MI
The Villages ARC
K4VRC 1,016 2 32 4,100 NFL
Sudbury ARC
VE3AC (+VE3RAC)
663 2 53 4,055 ONN
Holland ARC
K8DAA (+K8MOL)
748 2 23 4,000 MI
Nassau ARC
K2VN 786 2 33 3,998 NLI
721st Mechanized Contest Battalion
WC2FD 1,271 2 25 3,982 NNJ
Fair Lawn ARC
W2NPT 796 2 40 3,974 NNJ
Athens RC
W4H (+W4U)
871 2 36 3,972 GA
Beaumont ARC
W5RIN 839 2 11 3,942 STX
Fayette Co. ARC
W4JB (+KK4GQ)
917 2 20 3,876 GA
Smithsonian ARG
NN3SI 1,045 2 15 3,868 MDC

Students from Berea College in Kentucky, operating as AD4AX in the 1A category. [Amy Harmon, photo]

Grand Strand ARC
W4GS (+N4BAK)
908 2 36 3,817 SC
Murray State Univ. ARC
K4MSU (+W4GZ)
673 2 60 3,801 KY
Shenandoah Valley ARC
W4RKC (+W8BE)
830 2 33 3,729 VA
Poway ARS
N6PWY (+N6ATS)
604 2 21 3,696 SDG
Kingsport/Bays Mountain ARC
W4TRC 836 2 30 3,680 TN
Whitley Co. ARC
WC9AR (+KC9ANF)
590 2 15 3,670 IN
Schuylkill ARA
W3SC 882 2 13 3,636 EPA
N4N Field Day Grp.
N4N 856 2 6 3,622 GA
Ole Virginia Hams
W4OVH 588 2 25 3,602 VA
Steubenville-Weirton ARC
W8CWO (+KE8NKV)
788 2 15 3,575 OH
Sonoma Co. Radio Amateurs
K6SON (+W6SON)
650 2 40 3,520 SF
McKinney ARC
W5MRC 817 2 64 3,448 NTX
Los Angeles ARC
W6PCH (+K6FED)
747 2 21 3,446 LAX
Monkey Lover's Radio Consortium
K6MMM (+N6OTA)
682 2 50 3,421 SCV
Pilot Knob ARC
WØEBB (+KFØKOS)
509 2 26 3,396 KS
York Region ARC
VE3YRA (+VE3YRK)
625 2 55 3,390 GH
Santa Fe Trail ARC
KSØKS 583 2 30 3,380 KS
Greater Beloit ARC
K9BY 710 2 12 3,350 WI
Owensboro ARC
K4HY 710 2 20 3,342 KY
Trident ARC
N4EE 951 2 21 3,328 SC
Utah ARC
W7SP (+KG7QNG)
810 2 62 3,310 UT
North Augusta Belvedere RC
K4NAB 882 2 26 3,274 SC
OCAPA
W5MEL (+W5TJS)
475 2 17 3,265 OK
Oakland Radio Comm. Assn.
WW6OR (+KB6YYH)
1,126 2 26 3,257 EB
Univ. of Mississippi ARC
W5UMS 649 2 19 3,186 MS
Bloomington ARC/K9IU ARC/SIARA
K9IU (+K9DIY)
745 1 7 3,177 IN
Pine State ARC
N1ME 712 2 38 3,162 ME
South Orange ARA
K6SOA (+K6WO)
625 2 102 3,138 ORG
Valley RC of Oregon
W7PXL (+N7BAS)
731 2 65 3,135 OR
Ski Country ARC
KØRV 788 2 40 3,094 CO
Union Co. ARC
K4N (+K4G)
524 2 12 3,046 NC
Solivita RC
N4SRC 688 2 9 3,042 WCF
Moreno Valley ARA
AB6MV 672 2 31 3,038 ORG
South Lyon Area ARC
N5O 745 2 25 3,006 MI
ARTS of Louisville
W4CN (+KY4DX)
622 2 11 2,986 KY
Southern KY AR Transmitting Soc.
KY4AR 728 2 6 2,960 KY
Dresden Elementary ARS
KD8NOM 772 2 12 2,900 OH
Austin ARC
W5KA (+K5LBJ)
436 2 35 2,894 STX
Paducah ARA
W4NJA (+KM4LDP)
520 2 16 2,830 KY
Randolph Co. Em. RC
K4RAN 562 2 12 2,806 AL
Davis Co. ARC
K7DAV (+KV7LC)
461 2 68 2,804 UT
Toledo Mobile Radio Assn.
W8HHF 708 2 13 2,802 OH
Central MA ARA
W1BIM (+N1EKO)
629 2 24 2,796 WMA
Black River ARC
K8BRC (+N8VOX)
480 2 46 2,755 MI
Muscatine ARC
ACØEC 447 2 15 2,754 IA
SPARK/HPT/PARC
W4QR 402 2 40 2,728 VA
Friends & AR Comm. Enthusiasts
KF6NNM 387 2 21 2,720 SV
West Carroll
W6WU 628 2 3 2,714 MDC
Lakeway ARC
W2IQ (+KN4EM)
478 2 40 2,688 TN
Alliance ARC
W8LKY (+KE8CKL)
429 2 40 2,677 OH
RF Hill ARC
W3AI 685 2 20 2,664 EPA
Olympia ARS
NT7H (+W7WRG)
300 2 25 2,660 WWA
Spokane DX Assn.
K7SDX 486 2 14 2,646 ID
Southern PA Comm. Grp.
K3AE 741 2 27 2,628 EPA
North Okaloosa ARC
W4AAZ 494 2 12 2,620 NFL
K1HYL 431 2 3 2,620 AZ
Hernando Co. ARA
K4BKV 761 2 9 2,620 NFL
Snohomish Co. Hams Club
WA7LAW 669 2 86 2,610 WWA
Parkersburg AR Klub
W8PAR 533 2 23 2,604 WV
Alford Memorial RC
W4G (+W4BOC)
391 2 5 2,603 GA
Valley of the Moon ARC
W6AJF 445 2 10 2,594 SF
Jones Co. ARC
WØCWP 443 2 8 2,580 IA
RC of Redmond
N7KE 518 2 10 2,572 WWA
St. Mary's Co. ARA
K3HKI (+KB2SKP)
533 2 15 2,555 MDC
NXP ARC
W7MRF 601 2 4 2,546 AZ
Maple Grove RC
KØLTC (+KØCBP)
296 2 63 2,513 MN
St. Croix Valley ARC
WW1IE 312 2 15 2,508 ME
Ellis Co. ARC
W5A (+N1XAC)
347 2 12 2,501 NTX
WD6BNY Team
W9WLX 529 2 3 2,494 WI
Grand Rapids ARA
W8DC 706 2 20 2,472 MI
Heritage Hunt Hams
WA4HH 519 2 12 2,468 VA
Easton ARS
K3EMD (+W3BJB)
321 2 20 2,462 MDC
Rolla Regional ARS
WØGS 518 2 14 2,452 MO
Hamilton (OH) ARC
W8AJT 500 2 14 2,446 OH
Coos Co. RC
K7CCH 292 2 20 2,444 OR
Arlington ARC
K5SLD (+KD5WBW)
402 2 44 2,431 NTX
Calgary ARA
VE6NQ (+VE6AFO)
437 2 20 2,408 AB
Hamfesters RC
W9AA (+W9HLQ)
376 2 34 2,403 IL
Regina ARA
VE5NN 470 2 22 2,376 SK
ARC of Butts Co.
WX4BCA 343 2 20 2,376 GA
Mansfield-Johnson ARS
WA5JRS 345 2 20 2,358 NTX
Mid-Atlantic ARC
W3NWA 380 2 42 2,348 EPA
Hoodview ARC
W7Q 585 2 20 2,298 OR
Eastern PA ARA
N3IS 383 2 21 2,286 EPA
Short Mountain Repeater Club/
Bedford Co. ARS/Marshall Co. ARS
W4T 382 2 20 2,270 TN
Gaston RC
WG4RC 648 2 11 2,264 NC
Joplin ARC
WØIN 576 2 10 2,262 MO
Rio Hondo ARC
W6KAT 655 2 16 2,260 LAX
Gold Coast ARA
W4BUG (+NX4T)
457 2 22 2,242 SFL
High Appalachian Mountain ARS
KE4MH (+N4MNC)
284 2 4 2,240 NC
N3YPJ 684 2 3 2,240 MDC
Reading RC
W3BN 473 2 30 2,230 EPA
Helena ARC
W5HAR 511 2 19 2,228 AR
Utica ARC
K2IQ 453 2 13 2,226 WNY
Toronto ARC
VE3TNC (+VE3WE)
318 2 25 2,194 GH
North Hills ARC
K3GT 463 2 10 2,194 WPA
Lake of the Ozarks ARC
AEØJA 527 2 29 2,132 MO
Tippecanoe ARA
W9REG 507 2 10 2,104 IN
Nixa ARC
KØNXA 517 2 14 2,094 MO
Ruckerville Amateur Transmitting Soc.
N4CVG 391 2 21 2,064 KY
Delaware Repeater Assn.
W3DRA 502 2 15 2,040 DE
Denver RC
WØTX 377 2 48 2,026 CO
Lewis and Clark RC
K9HAM 168 2 37 2,016 IL
New River Valley ARC
N4NRV 362 2 10 2,006 VA
Quinte RC/Prince Edward RC
VE3RL 461 2 20 1,996 ONE
Middlesex ARS
W1EDH 413 2 14 1,984 CT
Anoka Co. RC
WØYFZ 328 2 19 1,982 MN
Delaware Valley Radio Assn.
W2ZQ 386 2 20 1,982 SNJ
Lambton Co. RC
VE3SAR (+VA3SAR)
179 2 15 1,979 ONS
Calhoun Co. ARA
W4S 244 2 19 1,966 AL
BEARONS
W7FLY 365 2 8 1,964 WWA
Gateway ARC
K4GAR 270 2 25 1,932 GA
Warminster ARC
K3DN 681 2 25 1,916 EPA
Riverland ARC
W9UP 367 2 24 1,902 WI
Central Toronto ARC
VA3CTA 400 2 13 1,900 GH
Cove Repeater Assn.
K5CRA 229 2 23 1,862 NTX
Tompkins Co. ARA
AF2A 368 2 23 1,852 WNY
Riverside Co. ARA
W6TJ (+AJ6PH)
171 2 26 1,837 ORG
Jamestown ARC
WØFX 341 2 4 1,836 ND
KARO ECHO
W6ECK 126 2 28 1,836 EB
Highlands Co. ARC
K4W (+W4HCA)
193 2 14 1,833 WCF
Lake Area AR Klub
K5LRK 211 2 23 1,820 NTX
The Kansas Antenna Club in Johnson Co.
KØANT 301 2 14 1,816 KS
Maury ARC
W4GGM 307 2 23 1,804 TN
TUSCO ARC
W8ZX 133 2 25 1,802 OH
Milwaukee Radio Amateurs' Club
W9RH 245 2 11 1,800 WI
The Unreal RC
WØWX 345 2 3 1,800 MN

Sangamon Valley RC
W9DUA 496 2 15 1,790 IL
Eastern Ozarks ARC
KØEOR (+KFØHOG)
217 2 4 1,780 MO
Burlington Co. RC
K2TD 92 2 17 1,756 SNJ
Louisiana Delta RC
KC5DR (+WA5WX)
180 2 21 1,755 LA
Liberty Co. ARES
KQ4BBQ 209 2 15 1,754 GA
Fallbrook ARC
N6FQ 274 2 43 1,736 SDG
Dade RC of Miami
N4M 349 2 5 1,734 SFL
Mid Island Radio Assn.
VE7MIR 143 2 30 1,700 BC
Eastside ARS
NE5TX (+N5HSE)
238 2 4 1,700 STX
Mt. Diablo ARC
W6CX 157 2 64 1,682 EB
Red River Valley ARC
W5W 256 2 27 1,676 NTX
ARES LAX NW
W1EH 260 2 20 1,670 LAX
David M. Fiedler Memorial ARC
K4WAR 598 2 11 1,668 GA
Skyline ARC
K2IWR 301 2 10 1,654 WNY
Paulding ARC
W4TIY 419 2 8 1,652 GA
Tri-States ARC (GA)
W4GTA (+W4LMS)
159 2 13 1,649 GA
Brightleaf ARC
W1VOA 282 2 20 1,648 NC
ARC of Columbia Co.
K4KNS 294 2 25 1,632 GA
Northeast IN ARA
W9OU 162 2 31 1,620 IN
Walla Walla Valley ARC
W7DO 333 2 7 1,618 EWA
Ephrata Area Repeater Soc.
W3XP 297 2 10 1,596 EPA
Waupaca Co. ARES/RACES
W9WAP 162 2 14 1,596 WI
Brandon ARS
K4TN (+KC4MMR)
153 2 23 1,573 WCF
Clark Co. ARA
W9WWI 318 2 25 1,572 IN
Band of Brothers
KXØA 279 2 3 1,566 CO
Frederick ARC
W3F 296 2 10 1,564 MDC
Musselshell ARC
N7G 293 2 8 1,556 MT
Amigos RC Ashtabula
KC8OH 383 2 15 1,544 OH
Rio ARC
K5RGV 427 2 9 1,540 STX
North TX Radiosport Assn.
KN5TR 399 2 6 1,522 NTX
Hays/Caldwell ARC
W5K 100 2 14 1,513 STX
East Kootenay ARC
VE7IP 206 2 7 1,502 BC
The Road Show ARC
WA4TRS 262 2 9 1,498 NC
Coffeyville ARC
WRØCV 209 2 27 1,490 KS
South Side ARC
NØET 320 2 15 1,478 MO
Sportsman's Paradise ARC
K4WAK 218 2 3 1,458 NFL
Sweetwater ARC
WY7U 195 2 15 1,456 WY
South Bay ARA
KU6S 501 1 23 1,435 EB
Southwest ID ARC
K7SWI (+WC7M)
172 2 45 1,397 ID
Carolina ARES
WX4SC 137 2 11 1,388 SC
Westside ARC
WA6RC 136 2 3 1,384 LAX
TCARES
K6TUO 283 2 3 1,382 SJV
Mt. Magazine ARC
W5MAG 264 2 10 1,378 AR
Lake Pleasant Youth Hammers
N7KCB 310 2 6 1,370 AZ
Sabin Field Day 2023
WSØY 213 2 7 1,370 MN
AI7PM 350 2 7 1,360 WY
Indian Peaks RC
WØNED 270 2 9 1,348 CO
Mich-A-Con ARC
KC8VC (+W8JWN)
207 2 10 1,324 MI
Calvert ARA
K3CAL 157 2 15 1,304 MDC
Univ. of Arizona ARC
K7UAZ 133 2 11 1,294 AZ
Georgian Bay ARC
VE3OSR 222 2 9 1,290 ONS
Irving ARC
N5BB 144 2 13 1,280 NTX
Sandia Vista ARC
WV5X 352 2 7 1,264 NM
Beaver Valley ARA
W3SGJ 188 2 20 1,260 WPA
Washington Co. (TX) ARC
W5AUM (+WJ5H)
150 2 20 1,256 STX
Crow River ARC
WØCRC 87 2 9 1,242 MN
Princeton Ham RC
W4KBL 173 2 26 1,228 KY
Hayward RC
K6EAG 197 2 10 1,224 EB
Kishwaukee ARC
W9XF 235 2 10 1,186 IL
Eastern AZ ARS
K7EAR 115 2 8 1,178 AZ
Coconino ARC
KC7KCN 224 2 9 1,164 AZ
Nevada Co. ARC
W6DD 114 2 14 1,160 SV
Northwest OH ARC
W8EQ (+KE8NRP)
103 2 35 1,159 OH
Edmonds Woodway ARC
N7EDW 122 2 17 1,152 WWA
Twin City FM Club
WØEF 58 2 10 1,150 MN
Elmore Co. ARC
K7ECI 136 2 9 1,114 ID
Villa Rica RC
WR4VR 131 2 13 1,112 GA
Twin Cities Repeater Club
WØBU 188 2 5 1,110 MN
N4UPX 241 2 3 1,096 VA
Seminole TX ARC
K5SEM 160 2 4 1,090 WTX
Grant Co. ARC
W9EBN 95 2 15 1,080 IN
Eaton Co. ARC
K8CHR 225 2 7 1,068 MI
Western Hemisphere Amateur Contest Club
VA3WHC 156 2 3 1,062 GH
Sun City Peachtree ARG
W4SCP 29 2 6 1,050 GA
Sunshine Coast ARC
VE7SCA 28 2 8 1,036 BC
Cy-Fair CERT
W5CFC 23 2 3 1,008 STX
Las Moras ARC
AA5KC 40 2 4 998 STX
ARC of the Ozarks
WBØJJJ 65 2 10 986 MO
Kittitas Co. ARES
W7DVB 16 2 3 982 EWA
220 MHz Guys
WM9W 108 2 15 964 IL
Southwest Community Radio System
N7GMR 133 2 4 956 AZ
Aeronautical Center ARC
W5PAA 250 2 3 950 OK
Village 7 ARC
KCØRVS (+KFØBOB)
81 2 20 949 CO
South Alabama RC
WC4M 208 2 25 946 AL
Ohio Valley ARC
KT9K 107 2 12 938 IN
Sussex ARA
W3LF 42 2 12 934 DE
Lee DeForest ARC
K6LDF 118 2 25 932 ORG
Bartlesville ARC
W5NS 136 2 10 930 OK
Jefferson Co. (MO) ARC
KBØTLL 97 2 3 922 MO
Central OR AR EmComm Team
K7HWY 203 2 30 888 OR
Canton Area Radio Em. Srvc.
K5VZC 355 1 5 888 NTX
Lassen ARC
K6LRC 312 2 3 874 SV
Sam Houston AR Klub
AI5M 150 2 5 872 STX
Macon Area Ham Radio Soc.
K4MHR 100 2 7 862 TN
Brookings Radio Research Club
WØBXO 180 2 12 852 SD
Big Bend ARC
KC9LMF 60 2 7 836 IL
Saskatoon & District ARA
VE5AA 106 2 20 804 SK
Suffolk Co. RC
W2DQ 24 2 22 798 NLI
Saratoga ARA
K6SA 20 2 5 790 SCV
Metropolitan ARC
K8NOW 153 2 5 780 MI
N9AGC 67 2 4 778 OH
Eastern NM ARC
KA5B 55 2 12 770 NM
Illinois Cornfield ARC
AA9UF 99 2 3 746 IL
Clark Fork Valley ARC
W7CFV 73 2 5 696 MT
DeForest ARC
K8GE 90 2 10 644 OH
Alameda Co. Sheriffs Comm. Team
W6VOM 96 2 9 642 EB
Federal Way ARC
WA7FW 89 2 22 628 WWA
Rural IA ARC
WØOEL 28 2 11 620 IA
Lower Delaware ARG
W3Z 110 2 4 602 DE
Bellevue ARC
WØWYV 55 2 10 560 NE
Santa Clarita ARC
W6JW 49 2 15 548 LAX
Madison Co. (IN) ARC
W9VCF 48 2 18 546 IN
West Desert ARC
W7EO 21 2 7 512 UT
Rip Van Winkle ARS
WD2K 65 2 8 512 ENY
Alphabet ARC
K6GGL 42 2 3 498 SCV
Anritsu ARC
K6AAR 35 2 3 420 SCV
Radio Amateurs of the Gorge
W7RAG 66 2 4 378 OR
Indian Peaks RC
KDØPYK 72 2 3 338 CO
N3PPD 97 2 4 322 MDC
Sachse ARA
W5SRA 35 2 10 220 NTX
Quaboag Valley ARC
KC1LNL 38 2 3 126 WMA
Radio Amateurs of Corry
W3YXE 12 2 10 74 WPA

3A — Battery

Sedan ARC
WØNP (+K3UQ)
501 5 3 5,605 WV
Colorado QRP Club
WØCQC 474 5 14 5,445 CO
KnightLites QRP Soc.
WQ4RP 478 5 5 4,855 NC
South Plainfield ARC
NJ2SP 395 5 15 4,720 NNJ
Terrain Gain Gang
W7IME 459 5 3 4,715 WWA
Dixie ARC
W7DRC 340 5 32 4,355 UT
Middle Bass Expedition
N8M 259 5 4 3,375 OH
American Legion Post 91 ARC
KG7SPL 263 5 7 2,470 MT

3A — Commercial

Midland ARC
KD5C (+W5QGG)
2,366 2 22 8,708 WTX
Sawnee ARA
N4NE 1,658 2 28 6,334 GA
K8A 802 2 4 3,410 MI
Ashtabula Co. ARC
K8CY (+KE8JW)
878 2 13 3,172 OH
Grid 54
KG5IV (+K5VSD)
494 2 23 3,042 MS
Royal Gorge ARC
NCØA 728 2 12 2,954 CO
Pottstown Area ARC
W3U (+K3ZMC)
839 2 15 2,879 EPA
Azalea Coast ARC
AC4RC (+WE4GUN)
672 2 21 2,876 NC
Kootenai ARS
K7ID 788 2 26 2,688 ID
Mobile ARC
W4IAX 509 2 26 2,544 AL
Metrocrest ARS
KB5A (+N5KRG)
395 2 30 2,451 NTX
Bledsoe Co. ARC
N4BCT (+KC4AC)
615 2 9 2,425 TN
Voice of Idaho RC
W7VOI 547 2 3 2,398 ID
High Point ARC
W4UA (+W4NRI)
378 2 14 2,362 NC
Keowee Toxaway ARC
K4WD 580 2 22 2,274 SC
Koomer Ridge Contesters
K1CCN 618 2 4 2,122 IL
McMinn Co. ARC
K4RST 395 2 36 2,110 TN
Stubblefield Repeater Club
KF4UTJ 303 2 15 2,104 KY
Virgin Valley ARC
KE7END 447 2 10 2,100 NV
Blount Co. ARC
W4BLT 865 2 18 2,080 AL
Sterling Park ARC
K4NVA 421 2 23 2,074 VA
Macon ARC
NØPR 328 2 11 1,832 MO
Rockingham Co. ARC
N4IV 457 2 7 1,746 NC
Radio Assn. of Western NY
W2PE 346 2 14 1,650 WNY
Radio Amateur Club of Knoxville
W4BBB 428 2 22 1,630 TN
Splitrock ARA
WS2R 227 2 19 1,620 NNJ
Cumberland ARC
K3IEC 208 2 18 1,448 EPA
Federacion de Radio Aficionados de P. R.
KP4QI (+WP4PBW)
141 2 17 1,444 PR
Grayson Co. ARC
K5GCC 185 2 21 1,440 NTX
Kay Co. ARC
N5PC 265 2 12 1,202 OK
Town of Middleton RACES
WA1QZK (+KB1JMR)
83 2 8 1,200 EMA
Southwest Metro AR Transmitting Soc.
WBØRMK 270 2 8 1,190 MN
Ascension ARC
K5ARC 129 2 25 1,108 LA
Kennehoochee ARC
W4BTI 314 2 14 1,098 GA
Juniata Valley ARC
K3DNA 244 2 20 1,088 WPA
Richfield RC
WØRRC 142 2 6 956 MN
Emerald Coast ARA
K4ECR 208 2 7 834 NFL
KAØCSW 193 2 3 822 MN
Arab ARC
K4AHC 133 2 5 742 AL
KC4FLT 197 2 3 716 AL
Public Safety ARG
KT4EMA 6 2 22 662 AL
Hocking Valley ARC
K8LGN 66 2 24 582 OH
Lawton Ole Guys
N5VBP 202 2 4 554 OK
Southern IN Tri-County Club
KC9OLF 187 2 5 524 IN
Federacion de Radio Aficionados de P.R.
KP4FRA 65 2 20 480 PR
St. Thomas ARC
WP2AJS 2 2 14 454 VI
Wellesley ARS
W1TKZ 40 2 24 384 EMA
West Valley ARC
NY7S 83 2 3 382 AZ
Hockley Co. ARC
WB5EMR 45 2 13 360 WTX
Acton Agua Dulce ARC
KK6MTQ 20 2 10 330 LAX
Randolph ARC
NC4ZO 79 2 5 208 NC
W6BBD 17 2 4 88 OH

4A

Indy United ARC
W9SU (+W9RCA)
4,873 2 40 21,066 IN
Huntsville ARC
K4BFT (+K4GIG)
5,032 2 71 17,740 AL
Portage Co. ARS
K8BF (+AC8NT)
3,783 2 62 12,815 OH
Lake ARA
K4FC (+N4FLA)
3,104 2 42 12,009 NFL
Livonia ARC/Ford ARL
K8UNS 2,972 2 64 10,404 MI
WCARS Murphy Chapter
KT4Q (+K4LOJ)
2,836 2 47 10,394 NC
Westchester EmComm Assn.
N2SF (+W2ECA)
2,377 2 36 9,988 ENY
Arrow Comm. Assn.
W8RP (+W8CWN)
2,136 2 30 9,777 MI
Alamance ARC
K4EG (+W4VGZ)
1,999 2 13 8,995 NC
Sierra Foothills ARC
W6EK (+NN6H)
2,055 2 70 8,799 SV
Cuyahoga Falls ARC
W8VPV (+KA8BSA)
2,351 2 27 7,867 OH
Delaware ARA
K8ES (+W8JK)
1,838 2 73 7,607 OH
Fauquier ARA
W4VA (+N4HKZ)
1,443 2 37 7,486 VA
PART of Westford
K1IG (+KB1OIQ)
1,812 2 57 7,277 EMA
Sun Country ARS
N4EK 1,688 2 21 7,240 NFL
Lake Monroe ARS
N4EH (+KJ4BBC)
1,856 2 68 7,142 NFL
Warren Co. RC
W2C (+W2WCR)
1,676 2 31 6,938 ENY
Clark Co. (WA) ARC
W7AIA (+N7HR)
1,757 2 118 6,794 WWA
Radio Amateurs of Greater Syracuse
W2AE (+KC2HO)
1,007 2 35 5,959 WNY
Cowtown ARC
K5COW (+W5SJZ)
1,058 2 35 5,732 NTX
Platinum Coast ARS
W4MLB (+K5LD)
1,176 2 45 5,302 SFL
Oregon Tualatin Valley ARC
W7OTV 1,417 2 44 5,238 OR
Yonkers ARC
W2YRC (+KF2FK)
943 2 75 5,111 ENY
Ft. Smith Area ARC
W5ANR 1,140 2 12 5,014 AR
Arkansas River Valley ARF
K5PXP 918 2 22 4,920 AR
Uniontown ARC
W3PIE 1,316 2 20 4,808 WPA
Hazel Park ARC
W8HP (+W8JXU)
1,028 2 47 4,783 MI
Central OR DX Club
N7LE 1,048 2 13 4,628 OR
Smoky Mountain ARC
W4OLB (+WX4TYS)
1,146 2 125 4,613 TN
Education Alliance for AR
KE3AAR (+W3FRB)
1,161 2 8 4,574 EPA
Bellbrook ARC
W8DGN 966 2 25 4,402 OH
Barstow ARC
WA6TST (+K6B)
1,217 2 7 4,377 ORG
Somerset Co. ARC
K3SMT 1,107 2 19 4,374 WPA
Lakeland ARC
K4LKL (+K1DU)
876 2 32 4,275 WCF
Local Em. Field Radio Operating Grp.
W9FRG 901 2 10 4,134 WI
Madison Co. (OH) ARC
KE8RV 857 2 9 4,056 OH
Columbia ARS
NF4CQ 807 2 6 3,944 NFL
Columbia-Montour ARC
W3ZR (+N3OMA)
691 2 17 3,929 EPA
River City ARC
N6NA (+AE6OR)
936 2 41 3,915 SV
Wilson Co. ARC
WC4AR 963 2 4 3,894 TN
Northeast ARC
N1ERC 880 2 10 3,868 EMA
The Noise Blanker Radio Grp.
WR5P 1,003 2 5 3,786 AR
Baytown Area ARC
K5BAY 769 2 6 3,780 STX
Mt. Vernon (OH) ARC
K8EEN 811 2 26 3,774 OH
Los Angeles City ACS
N6ACS 978 2 18 3,732 LAX
Ocean Monmouth ARC
N2MO (+KC2SVS)
694 2 22 3,720 NNJ
Mesilla Valley RC
N5BL 696 2 18 3,702 NM
Washington Amateur Comm.
WA3COM (+NY9H)
667 2 19 3,697 WPA
Penn Wireless Assn.
W3SK 664 2 21 3,664 EPA
Coastal ARS
W4LHS 980 2 31 3,654 GA
Island Co. ARC
W7AVM 684 2 31 3,608 WWA
Peel ARC
VE3XR 516 2 30 3,560 GH
Lapeer Co. ARA
W8LAP 654 2 10 3,558 MI
Liverpool Amateur Repeater Club
W2CM 674 2 8 3,552 WNY
Superstition ARC
K7K (+WB7TJD)
751 2 12 3,489 AZ
Arrowhead RAC
W0GKP 986 2 48 3,464 MN
Garrett Co. ARES
K3LNZ 712 2 8 3,404 MDC
South Central RC
K3SCR (+KC3OLO)
509 2 34 3,389 EPA
Grande Ronde Radio Amateurs Assn.
W7GRA 823 2 19 3,326 OR
Edmond ARS
N0LD 659 2 9 3,084 OK
Shelby Co. (AL) ARC
W4SHL 561 2 6 2,964 AL
The American Legion Post 33 ARC
W9TAL (+KB9EZZ)
375 2 25 2,919 IL
Culpeper ARA
W4CUL (+KO4NMJ)
381 2 28 2,887 VA
San Clemente Island RC
KN6UWK (+W4PBL)
410 2 5 2,802 LAX
Plattsmouth ARC
KB0SMX 409 2 15 2,786 NE
Chesapeake Bay Radio Assn.
WD3E (+WA3SFJ)
330 2 34 2,756 MDC
Thousand Islands RC
K2I 515 2 22 2,752 NNY
Windmill ARG
W3LTR 564 2 30 2,704 EPA
Delta/MARA/Nashoba/ARES
W4EM (+W4BS)
537 2 60 2,651 TN
Newton ARC
N0NK (+W0BZN)
498 2 10 2,604 KS
San Fernando Valley ARC
W6SD 402 2 25 2,596 LAX
Cherryland ARC
W8TCM 775 2 67 2,584 MI
Anne Arundel RC
W3VPR 745 2 41 2,566 MDC
Calhoun Co. (SC) ARG
W4CEM 435 2 14 2,512 SC
GOTAHAMS
WG6OTA 336 2 53 2,450 ORG
Blue Springs ARC
K0M 398 2 11 2,450 MO
Central MO Radio Assn.
K0SI (+N0AXZ)
281 2 52 2,442 MO
Kokomo ARC
W9GO 511 2 20 2,408 IN
Rome RC
W2OFQ 313 2 6 2,406 WNY
Downey ARC
W6TOI 400 2 10 2,394 LAX
Tehachapi ARA
AC6EE 480 2 20 2,388 SJV
MIT Radio Soc.
W1MX 600 2 11 2,334 EMA
Capital City ARC
N7RB (+AJ7MT)
279 2 43 2,313 MT
Tamaqua Wireless Assn.
W3TWA (+W3CMA)
336 2 14 2,264 EPA
Boerne ARC
AB5UE 281 2 4 2,260 STX
Coweta RC
N4CRC 418 2 36 2,248 GA
Southern OH Radio Friends
W8PU 460 2 19 2,190 OH
Red River Radio Amateurs
W0ILO 380 2 21 2,166 ND
Peterborough ARC
VE3RB 465 2 11 2,156 ONE
San Antonio RC
W5SC 302 2 46 2,148 STX
Cherokee Capital ARS
K4WOC (+AF4DN)
202 2 10 2,108 GA
North Richland Hills ARC
W5R 328 2 21 2,100 NTX
Sullivan ARC
N0N 351 2 35 2,050 MO
Lockport ARA
W2RUI 361 2 18 2,008 WNY
Ellijay ARS
W4P 238 2 18 1,978 GA
Allegan Co. ARC
AC8RC 318 2 10 1,976 MI
Bridgerland ARC
W7IVM 503 2 45 1,974 ID
McMinnville ARC
W7RXJ (+W7YAM)
168 2 67 1,968 OR
Golden Spike ARC
K7UB 472 2 20 1,952 UT
Aero ARC
W3PGA 287 2 21 1,950 MDC
Huber Heights ARC
NO8I 387 2 16 1,930 OH
Chickasaw ARA/Olive Branch ARC
K5K 266 2 7 1,900 MS
Western Carolina ARS
W4MOE 353 2 20 1,894 NC
King George AR Operators
K4GVA 244 2 18 1,894 VA
St. Clair ARC
K9GXU 329 2 10 1,888 IL
Northwest OH VHF ARS
N0VRS 617 2 7 1,856 OH
Jacksonville ARS
K9JX 279 2 9 1,838 IL
Clay Co. AUXCOMM
N9CCA 163 2 6 1,822 IN
Southern MI ARS
W8DF 381 2 44 1,816 MI
Chehalis Valley ARS
K7PG 378 2 19 1,816 WWA
Eatonville Amateur Team
W7EAT 343 2 5 1,796
Tuscola Co. ARA
KC8CNN 373 2 13 1,774 MI
Insurance City Repeater Club
W1DHT (+K1CRC)
193 2 17 1,772 CT
Western Placer ARC
K6PAC 400 2 15 1,770 SV
Sandy ARC
W7S (+NA7C)
100 2 30 1,757 UT
Limestone ARES
N4SEV (+KC4BB)
253 2 47 1,745 AL
Radio Amateur Soc. of Norfolk
W4NPS 423 2 31 1,702 VA
Enid ARC
W5HTK 181 2 10 1,696 OK
Genesee Radio Amateurs
W2RCX 334 2 8 1,694 WNY
Clinton Co. ARA
W8GO (+WX8A)
317 2 13 1,674 OH
Carroll Co. ARC
K3PZN 323 2 12 1,632 MDC
Northern New England Field AR Ops
NE1FO 265 2 8 1,584 NH
Harrisburg Radio Amateurs Club
W3UU 180 2 10 1,576 EPA
Medina Co. AR Corp.
KD5DX 330 2 25 1,526 STX
Lamorinda Area Radio Interest Grp.
K6ORI 106 2 17 1,488 EB
Hassayampa AR Klub
W7HRK (+KK7NEZ)
156 2 8 1,485 AZ
Utica Shelby EmComm Assn.
K8UO 345 2 17 1,472 MI
SnoVarc ARC/Issaquah ARC
W7BI 184 2 33 1,454 WWA
Skamania Co. ARES
W7SKA 32 2 18 1,440 WWA
Lewisville ARA
W5LVC 188 2 18 1,431 NTX
North Shore ARC (ON)
VE3NSR 150 2 12 1,372 GH
Northern Berkshire ARC
N1WM 173 2 4 1,368 WMA
Anderson Island ARC
WA7AI (+KJ7QBK)
72 2 6 1,367 WWA
Woodford Co. Repeater Assn.
K9WRA 73 2 18 1,346 IL
Southern PA ARC
K3IR 324 2 20 1,336 EPA
Elk Co. ARA
N3NIA 191 2 10 1,332 WPA
Grays Harbor ARC
W7ZA 126 2 12 1,322 WWA
Indiana Co. ARC
W3BMD 275 2 14 1,300 WPA
Alamogordo ARC
K5LRW 149 2 6 1,276 NM
Golden Empire ARS
W6RHC 165 2 20 1,270 SV
Hampstead Hams
NC4PC 261 2 10 1,256 NC
Oak Hill ARC
N5OAK 294 2 8 1,242 STX
Wood Co. ARC
K8TIH 167 2 6 1,236 OH
Thunder Bay ARC
K8PA 228 2 18 1,222 MI
Maple Ridge ARC
VE7CMR 316 2 5 1,204 BC
South Halton ARES Grp.
VE3OKV 211 2 8 1,198 GH
All Things ARA
W8ATR 306 2 70 1,168 OH
Trilogy ARC
N7TRC (+W7OXB)
28 2 8 1,138 WWA
Lincoln Co. ARA
W4BV 133 2 4 1,134 TN
Bishop ARC
K6B (+N6OV)
85 2 12 1,128 ORG
Elmira ARC
VA3TET 159 2 4 1,076 ONS
Skywide ARC
VE3SKY 136 2 9 1,074 ONS
McKean Co. ARC
W3VV 207 2 7 1,064 WPA
Lake Oswego ARES
WA7LO 48 2 14 1,056 OR
ARC of Parker Co.
W5PC 198 2 10 1,046 NTX
Pine Valley Repeater Grp.
W9PVR 122 2 7 1,024 WI
West Hudson ARC
K2KNJ 74 2 4 998 NNJ
Wisconsin Valley Radio Assn.
W9NA 104 2 8 996 WI
Birmingham ARC
W4CUE 169 2 30 984 AL
Cascades ARS
W8JXN 177 2 20 970 MI
Matanuska ARA
KL7JFU 30 2 8 950 AK
Tobacco Valley ARC
K7EUR 80 2 8 876 MT
Murgas ARC
K3YTL 147 2 20 838 EPA
Denton Co. ARA
W5NGU 38 2 30 766 NTX
Glenn ARS
KM6ZVR 83 2 8 720 SV
Sequoia ARG
N6KRV 27 2 4 604 ORG
Suburban Technical ARS
W9SRC 5 2 4 562 IL
San Juan Co. ARS
N7JN 150 2 5 450 WWA

4A — Battery

St. Louis QRP Soc.
NØA 510 5 18 5,965 MO
Portland ARC
W7LT 322 5 16 4,020 OR
Livermore AR Klub
N8MOR 28 5 16 860 EB

4A — Commercial

Central IL RC
W9EX 766 2 15 3,402 IL
Jersey Shore ARS
NJ2AR (+K2HVE)
421 2 11 2,470 SNJ
Rockwall ARC
K5RKW 469 2 21 2,336 NTX
Onslow ARC
NC4OC 381 2 23 1,896 NC
Southeast TX Amateur Club
KD5MAM 362 2 8 1,338 STX
Pioneer ARC
KØSW 340 2 12 1,146 NE
Chicago FM Club
W9C 282 2 30 1,070 IL
Northwest GA ARC
W4VO 197 2 18 1,064 GA
Jay Co. ARC
W9JCA 171 2 14 956 IN
American Legion Post 104 ARC
AL4US 72 2 11 744 TN
St. Augustine ARS
N4AUG 171 2 4 578 NFL
Lakeshore RC
W9LRC 144 2 5 486 WI
Kendall ARS
KB5TX 16 2 4 302 STX

5A

Orange Co. (CA) ARC
W6ZE (+W6NGO)
4,747 2 43 16,441 ORG
Black River Radio Ops
NW8S (+N8ESG)
3,356 2 10 13,774 OH
South Jersey Radio Assn.
K2AA (+W2EA)
3,222 2 69 11,970 SNJ
Central KY ARS
AJ4A 2,774 2 38 10,078 KY
Sussex Co. ARC
W2LV 2,552 2 22 9,592 NNJ
985 Repeater Grp.
W3R (+K3DTS)
1,421 2 26 6,945 EPA
Piedmont ARC
K4PAR (+K4P)
1,152 2 38 6,846 GA
WØCPH (+KFØKXS)
1,401 2 6 6,297 CO
Lake Co. ARA
N8BC 1,621 2 18 6,182 OH
Warren ARA
W8VTD 1,781 2 25 6,072 OH
Albany ARA
K2CT (+NY2U)
1,186 2 41 5,871 ENY
Medina 2 Meter Grp.
W8HN 1,456 2 25 5,798 OH
Owatonna Steele Co. ARC
KØHNY 1,232 2 25 5,718 MN
L'Anse Creuse ARC
N8LC (+AD8JL)
817 2 32 5,688 MI
RC of Tacoma
W7DK 1,351 2 55 5,622 WWA
Lancaster ARC
W2SO 1,050 2 16 5,432 WNY
Dupage ARC
K9K 1,071 2 40 5,072 IL
Kitchener-Waterloo ARC
VE3IC (+CK3IC)
1,150 2 20 4,587 ONS
NC TRI-CLUB
N4C (+W4GOL)
1,300 2 46 4,539 NC
Misfits ARC
W4MIS (+KC4SOT)
761 2 14 4,250 NC
Wayne Co. ARC
W3ARO 740 2 20 4,216 EPA
Two Rivers ARC
W3OC 795 2 14 3,934 WPA
Glynn ARA
W4B (+K4B)
768 2 8 3,887 GA
Orange Park ARC
K4BT (+KA3EHL)
656 2 33 3,873 NFL
Ft. Wayne RC
W9TE (+KD9QHI)
716 2 32 3,620 IN
HPBARC
AB7HP 743 2 20 3,462 ID
Nanaimo ARA
VX7NA 1,005 2 24 3,448 BC
Wabash Valley ARA, Inc
W9UUU 708 2 10 3,432 IN
Chesapeake ARS
W4CAR 613 2 30 3,352 VA
Andrew Johnson Radio ARC
W4WC (+N7HPR)
601 2 64 3,275 TN
MGRA/CGARC
W4R (+WR4MG)
749 2 60 3,271 GA
Seneca RC
W8ID 415 2 30 3,210 OH
NOARS/LCARA
K8KRG (+K8G)
432 2 17 3,161 OH
West Virgina Univ. ARC/Monongalia Wireless Assn./MCARC
W8CUL (+KC8YUI)
726 2 28 3,096 WV
Eastern CT ARA
KZ1M (+K1MUJ)
581 2 22 3,052 CT
W3YMW 744 2 54 3,052 MDC
Maryland Mobileers ARC
W3CU 624 2 39 3,026 MDC
Faulkner Co. ARC
N5GK 512 2 35 2,966 AR
Whitley Co. ARC
NI1X 580 2 43 2,786 EMA
Cherryville Repeater Assn. II
W2CRA 562 2 16 2,770 NNJ
Four Lakes ARC
W9JZ 552 2 7 2,764 WI
Lincoln Hills ARG
W6LHR 415 2 8 2,692 SV
Vero Beach ARC
W4OT (+K2JJK)
335 2 40 2,570 SFL
Five Flags ARA
W4UC (+KB4HAH)
490 2 45 2,562 NFL
Orange Co. (NY) ARC
W2HO (+KB2MTA)
335 2 30 2,469 ENY
Green Bay Mike & Key Club
K9EAM 449 2 34 2,334 WI
Monroe Co. ARS
N4MCH 378 2 15 2,322 GA
Piscataquis ARC
K1PQ 368 2 8 2,290 ME
Sabine Valley ARA
K5GVL 248 2 20 2,242 NTX
Western Division SATERN
KØTSA 371 2 8 2,230 NE
Peconic ARC
W7PRA 415 2 7 2,194 OR
David Sarnoff ARC
N2RE 235 2 30 2,190 NNJ
Niagara Peninsula ARC
VE3VM 236 2 12 2,178 GH
California City ARC
KE6RN 265 2 17 2,106 SJV
Wood Co. EmComm
WA8LLM 150 2 30 2,098 WV
Vilas Co. ARC
W9VRC 564 2 5 2,054 WI
Humboldt ARC
W6ZZK 389 2 40 2,034 SF
Granite State ARA
N1QC (+KB1HYL)
194 2 15 2,028 NH
Red Rose Repeater Assn.
W3RRR 430 2 15 2,026 EPA
Ridge ARC
W4RRC (+W1MRC)
304 2 25 1,918 SC
Bay Area ARC
K8BAY (+KE8TSJ)
308 2 25 1,901 MI
Queen Anne's ARC
K3QAC 329 2 5 1,890 MDC
Heartland Hams ARC
WØHLH 404 2 8 1,867 IA
Lakes Region Repeater Assn.
W1BST 210 2 23 1,840 NH
Susquehanna Co. ARC
N3SRC (+N3UPM)
299 2 25 1,837 EPA
Rainbow Canyon ARC
N7U 360 2 14 1,762 UT
ARC of Augusta
W4DV 223 2 22 1,756 SC
Warrensburg Area ARC
WØAU 377 2 8 1,748 MO
Sedalia Pettis AR Klub
WAØSDO 179 2 38 1,716 MO
Klamath Basin ARA
W7VW 166 2 25 1,714 OR
Club Radioamateur de Drummondville
VE2CRD 166 2 20 1,694 QC
Plateau ARC
KO4LFR (+KQ4EON)
87 2 18 1,607 TN
Marple Newtown ARC/Mobile Sixers RC/Vertol Bears
K3MN (+W3AWA)
322 2 20 1,598 EPA
Saint Louis & Suburban RC
WØSRC (+KCØSDV)
174 2 34 1,553 MO
Cumberland Valley ARC
W3ACH 259 2 21 1,468 WPA
Bastrop Co. ARC
K5OQ 236 2 6 1,348 STX
Mt. Vernon (VA) ARC
K4US 68 2 7 1,348 VA
Ft. Venango Mike and Key Club
W3ZIC 129 2 32 1,320 WPA
Kent ARS
K3ARS 134 2 9 1,320 MDC
Clairemount Repeater Assn.
K6C 65 2 18 1,280 ORG
Denver Radio League
KEØNCQ 52 2 5 1,238 CO
Watertown ARC UA
W9TTN 173 2 5 1,166 WI
Western CO ARC
WØRRZ 171 2 29 1,078 CO
Yuba-Sutter ARC
W6KJ 96 2 20 1,004 SV
St. Joseph Co. ARC
K8SJC 149 2 5 948 MI
W7EH 19 2 28 688 AZ
Treasure Valley Radio Assn.
K7OJI 15 2 5 580 OR

5A — Battery

W6TRW ARC
W6TRW (+KN6OJH)
809 5 21 8,980 LAX
W7P (+N6GLD)
151 5 5 2,880 AZ
Snake River ARC
K7SI 89 5 11 1,930 ID
North Coast ARC
N8NC 109 5 10 1,720 OH

5A — Commercial

Kingston Amateurs
VE3KAR 1,394 2 8 4,674 ONE
West GA ARS
W4F (+WX4BK)
698 2 30 3,328 GA
Williamson Co. (TX) ARC
N5TT 522 2 14 2,672 STX
North TX ARS
ND5DX 794 2 12 2,632 NTX
Patoka Valley ARC
KD9LLH 605 2 26 2,282 IN
Yadkin Valley ARC
NC4TT 401 2 5 1,626 NC
Ft. Armstrong Wireless Assn.
K3QY 410 2 19 1,076 WPA
Defiance Co. ARC
K8VON (+W8NI)
61 2 6 870 OH
North Central MO ARC
WKØJ 27 2 5 840 MO
Randolph ARC
WD9EXZ (+KD9LVX)
41 2 10 257 IN

6A

Mike & Key ARC
K7LED (+AE7G)
4,667 2 40 18,706 WWA
Central LA ARC
K5M (+N5AEX)
3,837 2 22 16,863 LA
Franklin Co. (NC) ARC
AA4RV (+KO4HUL)
2,557 2 30 9,668 NC
Cuyahoga ARS
W8BM 2,037 2 29 9,148 OH
Raleigh ARS
W4DW (+W4RNC)
2,183 2 47 8,240 NC
Broughton Memorial Field Day Grp.
K2AE (+W2IR)
1,763 2 92 7,993 ENY
Long Island Mobile ARC
W2VL (+WV2LI)
1,542 2 90 6,478 NLI
Mississauga ARC
VE3MIS 1,271 2 25 6,168 GH
Lake Area Radio Klub (SD)
WØWTN 1,157 2 28 5,796 SD
Alexandria RC
W4HFH 1,053 2 39 5,054 VA
Antietam Radio Assn.
W3CWC (+W3HPM)
903 2 22 4,523 MDC
Ft. Myers ARC
W4LX (+W4LJW)
902 2 30 4,180 SFL
Cherokee ARS
K4R (+WX4CAR)
573 2 76 4,129 GA
Overlook Mountain ARC
N2LL (+K2KMM)
981 2 25 4,080 ENY
Silvercreek ARA
W8WKY 524 2 43 2,896 OH
Middle Tennessee ARC
W4UOT 444 2 22 2,730 TN
Bear Bait RC
W2JST 304 2 15 2,690 NNY
Twin State RC
W1FN 763 2 20 2,640 NH
Keuka Lake ARA
N2AAR 440 2 7 2,638 WNY
Phil-Mont Mobile RC
W3EM (+W3AA)
597 2 100 2,629 EPA
Ft. Herkimer ARA
W2FHA (+KD2TDB)
301 2 18 2,609 WNY
Barry ARA
K8BMI (+KD8LNO)
344 2 44 2,591 MI
MARC/DECT
W3M (+KV3B)
218 2 83 2,503 MDC
Catalina RC and Radio Soc. of Tucson
K7RST (+WN7BSA)
501 2 20 2,454 AZ
Iredell Co. ARS
W4SNC 295 2 13 2,362 NC
Madison-Oneida ARC
W2MO (+N2CNY)
210 2 10 2,182 WNY
Sun City Hilton Head ARC
KE4HAM 85 2 11 1,930 SC
Comox Valley ARC
VE7CVW 329 2 33 1,922 BC
SecKC ARC of Kansas City
KS3CKC 151 2 6 1,832 MO
North Hills RC
K6IS 258 2 10 1,802 SV
Northern CO ARC
WØUPS 231 2 7 1,552 CO
Grundy Co. ARC
W9G (+KB9SZK)
197 2 10 1,358 IL
Mississippi Coast ARA
W5SGL 382 1 12 1,252 MS
South Wake ARC
N4SWC 234 2 6 1,188 NC
Southwest Columbus Ham RC
WB8MMR 85 2 18 926 OH
Salt Spring Island ARS
VE7RAS 133 2 30 518 BC

6A — Commercial

Acadiana ARA
W5DDL 158 2 13 466 LA
Nelson Co. Post 42 American Legion ARC
KB4KY 65 2 12 210 KY

7A

Woodbridge Wireless ARC
W4IY (+W4AD)
3,185 2 43 12,842 VA
Gloucester Co. ARC
W2MMD (+K2ZA)
2,542 2 62 11,616 SNJ
Rappahannock Valley ARC
K4TS (+KO4DCT)
2,694 2 30 10,328 VA

The Los Angeles Amateur Radio Club participated in the 3A category. They received a Certificate of Recognition for their efforts to make a difference in the 65th Assembly District. [Ton McCampbell, KM6RNG, photo]

Fox River Radio League
W9NE (+W9CEQ)
1,841 2 99 8,195 IL
Southeastern CT ARS
W1QV (+N1NW)
1,699 2 25 7,786 CT
Haywood Co. ARC
KW4P 852 2 25 4,398 NC
Delta ARS
VE7SUN 750 2 32 4,048 BC
London ARC
VE3LON 784 2 40 4,004 ONS
Saginaw Valley ARA
K8DAC 604 2 7 3,766 MI
Silver Springs RC
K4GSO 572 2 15 3,540 NFL
Sierra Nevada ARS
W7TA (+KB7QOD)
386 2 45 3,013 NV
Jackson Co. (MS) ARA
N5OS 485 2 20 2,592 MS
Salem ARC
W7SAA (+KG7WKU)
317 2 13 2,380 OR
KTQA Irregular RC
N9MII 282 2 10 2,006 WWA
Panhandle ARC
W5WX 369 2 7 1,892 WTX
Tulsa ARC
W5IAS 269 2 40 1,738 OK
Stanislaus ARA
W6ERE 343 2 9 1,712 SJV
Korean ARC
KF6JBN 16 2 20 982 LAX

8A

Mahoning Valley ARA
W8QLY 2,013 2 25 8,050 OH
Gwinnett ARS
W4GR 1,575 2 56 6,792 GA
Columbia ARC
W4CAE (+K4TLC)
134 2 34 2,012 SC

9A

Forsyth ARC
W4NC (+W4WS)
2,550 2 89 11,615 NC
Tyler ARC
K5TYR 1,508 2 60 5,514 NTX
Burlington ARC
VE3CJ (+VA3DGA)
525 2 13 3,447 GH
North Bay ARA
K6LI 356 2 25 2,920 EB
Benicia ARC
KB6EOC 151 2 18 1,990 EB

10A

Brazos Valley ARC
KK5W (+KT5TX)
5,308 2 204 20,638 STX
Muskegon Area AR Council
W8ZHO (+KE8IKT)
874 2 21 4,886 MI
Fulton Co. (OH) ARC
K8BXQ 837 2 14 4,710 OH

11A

Ventura Co. ARS/Simi Settlers ARC
N6R (+K6VCS)
1,865 2 57 7,587 SB

12A

Potomac Valley RC
W3AO (+KE3Q)
9,832 2 35 35,633 MDC
Ventura Co. ARC
K6MEP (+K6QV)
330 2 26 3,531 SB

12A — Battery

West Valley ARA
K6EI (+W6ZZZ)
2,878 5 24 27,570 SCV

14A

Vaca Valley RC
W6VVR (+KJ6DLF)
194 2 16 3,103 EB

18A

Conejo Valley ARC
AA6CV 1,442 2 50 8,208 SB

One or Two Person Club/ Non-Club Portable

1B — One Operator

Mad River RC
KW8N 1,563 2 1 6,298 OH
K1LT 1,250 2 1 5,250 OH
K8RYU 1,089 2 1 4,438 OH
Rochester (NY) DX Assn.
W2FU 929 2 1 4,066 WNY
Potomac Valley RC
KB4CG 803 2 1 3,562 VA
St. Charles ARC
NØAX 587 2 1 2,576 MO
WA9Z 517 2 1 2,318 IA
AB9CA 497 2 1 2,238 IN
Parker Radio Assn.
NNØG 462 2 1 2,098 CO
K8ER 450 2 1 2,050 MI
The World RC
W3WRC (+WE6Z)
525 2 1 2,050 SV
Masonic Village ARC
K3SU 327 2 1 1,858 EPA
Paducah ARA
ND4X 348 2 1 1,850 KY
KI6WX 420 2 1 1,830 SV
W9XU 393 2 1 1,822 WI
Utah Valley ARC
WI7P 321 2 1 1,722 UT
WB4UBK 258 2 1 1,510 NFL
KN6LFB 217 2 1 1,502 SDG
N2JF 525 2 1 1,490 SFL
Potomac Valley RC
W4KAZ 323 2 1 1,468 NC
Minnesota Wireless Assn.
WØRX 314 2 1 1,406 MN
Palo Alto ARA
K8TR 842 1 1 1,393 SV
AFØE 274 2 1 1,346 CO
NG7IL 252 2 1 1,322 MT
Mike & Key ARC
AG7T 210 2 1 1,290 WWA
Western WA DX Club
K5EM 147 2 1 1,216 WWA
K5EC 290 2 1 1,208 OH
Florida Contest Grp.
NK4DX 213 2 1 1,202 SFL
Highlands Hams
WD5FCA 236 2 1 1,194 AL
3730 Grp.
VE3AVP 186 2 1 1,174 ONE
Niagara Frontier Radiosport
W2GR 206 2 1 1,172 WNY
W8AN 228 2 1 1,162 OH
WA8RC 226 2 1 1,154 MI
KU7K 223 2 1 1,142 OR
AD7KG 227 2 1 1,112 UT
N7DLV 330 2 1 1,110 WWA
K5TFL 370 2 1 1,090 NM
Utah DX Assn.
WR7Q 215 2 1 1,010 UT
K7EBO 184 2 1 870 UT
KD9JAY 126 2 1 854 IN
Radio Amateurs of Canada
VA3RAC (VA3QR)
100 2 1 852 ONS
K7EA 147 2 1 838 UT
KE5DXX 153 2 1 830 STX
West Baldwin City ARC
WVØA (+NRØP)
206 2 1 830 KS
W1LN/VO2 223 2 1 796 NL
North Fulton ARL
K4EAK 135 2 1 790 GA
WV3R (+WC3R)
160 2 1 790 EPA
KW4EE 160 2 1 790 NC
Catalina RC and Radio Soc. of Tucson
W7AWE 219 2 1 788 AZ
KF5VDX 318 2 1 786 STX
K7G (WA7SKG)
208 2 1 766 NE
WK7G 130 2 1 754 ID
W4ORH 96 2 1 734 VA
KI5LKS 270 2 1 728 STX
KT5LA 94 2 1 726 LAX
KN4IWO 80 2 1 706 NFL
K3KLB 227 2 1 704 WPA
Sun City Hilton Head ARC
AD5EN 105 2 1 700 SC
K7VK 87 2 1 698 MT
ADØZC 243 2 1 688 SV
Highlands Hams
NØZO 91 2 1 688 AL
KJ6ART 197 2 1 682 SJV
KDØJXU 54 2 1 658 WY
Northern CA Contest Club
K3GX 100 2 1 648 EB
W4IFI 120 2 1 630 CO
WBØPOH 119 2 1 620 VA
WB2HLM 151 2 1 620 WNY
Tri-Town RAC
K9PMV 114 2 1 606 IL
AG7TX 111 2 1 594 NV
N6WJA 142 2 1 590 WWA
K9EGS 36 2 1 584 IL
W9BOQ 178 1 1 582 WI
Orange Co. (NY) ARC
KD2SSS 108 2 1 582 ENY
WY7AA 115 2 1 578 WY
K7WJV 83 2 1 572 WWA
KC3FVN 129 2 1 566 EPA
VA4CQ 86 2 1 558 MB
KF6IDK 126 2 1 554 SJV
KC1MIJ 100 2 1 550 EMA
W8FWY 73 2 1 542 OH
WBØOFR 96 2 1 542 CO
K8WS 106 2 1 540 OH
Manitoulin ARC
VA3OGG 72 2 1 534 ONN
Edmond ARS
N5ILQ 69 2 1 526 OK
Davis Co. ARC
K7JTO 159 2 1 522 UT
W6NYU 134 2 1 518 ORG
Radio Activity of Savannah
K7UWR 40 2 1 510 GA
VE6FXL 78 2 1 506 AB
Parker Radio Assn.
K6BEH 55 2 1 506 CO
AE6DB 22 2 1 494 ORG
Genesee Co. RC
KD8DEU 85 2 1 490 MI
Providence Radio Assn.
K1TNX 18 2 1 486 RI
W1XH 106 2 1 474 EMA
VE7LRV 56 2 1 474 BC
K9GCC 93 2 1 470 MN
Bowie Wireless Assn.
KB3GTN 157 2 1 464 MDC
K9MKE 28 2 1 462 WI
Issaquah ARC
W7ETZ 51 2 1 456 WWA
KC8RJS 53 2 1 456 OH
Patoka Valley ARC
KD9RPS 153 2 1 456 IN
Mound ARA
N8JXJ 53 2 1 456 OH
K6JGA 100 2 1 450 SV
KG9JP 54 2 1 440 WI
KI7TYU 21 2 1 434 WWA
NY2A 188 2 1 426 WNY
WB3JAC 82 2 1 426 EPA
KI5FLF 136 2 1 424 OK
Ozaukee RC
KD9FM 65 2 1 410 WI
KE7MJR 25 2 1 400 OR
N3YRZ 21 2 1 392 MDC
KW6T 117 2 1 384 SV
WK7P 67 2 1 384 OR
VE4WDZ 15 2 1 380 MB
Southwest MO ARC
W4AJJ 111 2 1 372 MO
AF5SW 105 2 1 360 OK
W2ET 77 2 1 358 MDC
N1ZZZ 54 2 1 358 EPA
KFØJYU 51 2 1 354 MN
KB3SPH 52 2 1 354 MDC
KM5TY 51 2 1 344 CO
W4FLL 23 2 1 342 NV
WØBDP 48 2 1 342 MN
K7JSG 73 2 1 340 UT
W2LAT 93 2 1 336 AL
Bedford ARC
N5TLE 42 2 1 334 NTX
Goshen ARC
WB9UXN 20 2 1 330 IN
K9RBH 39 2 1 328 IN
AR Caravan Club
KC5QOC 19 2 1 326 NM
KD6RMS 88 2 1 326 LAX
W9SSN 23 2 1 322 ORG
KB1RZA 85 2 1 320 VT
Waupaca Co. ARES/RACES
N9JFK 84 2 1 318 WI
K6MDS 82 2 1 316 SJV
KI8DP 82 2 1 314 MI
W1TRK 82 2 1 314 WMA
VA2KD 31 2 1 312 QC
Suburban Technical ARS
K9ASE 30 2 1 310 IL
AR Caravan Club
WI9FLY 15 2 1 310 NM
KØJJR 79 2 1 308 MN
KE6GQO 28 2 1 306 ORG
Garden Island Contesters
KH6PE 15 2 1 304 PAC
KD2PFH 38 2 1 302 WNY
N7AWP 24 2 1 298 EWA
Sierra Foothills ARC
KN6WQU 36 2 1 294 SCV
KC1BDJ 104 2 1 294 VT
KJ4DMO 20 2 1 290 TN
Shreveport ARA
KI5KOI 19 2 1 288 LA
KC2USA 69 2 1 288 WNY

Culver City ARES					
KI6RJN	34	2	1	286	SCV
W3AVP	10	2	1	286	EPA
Anne Arundel RC					
KB3IAI	11	2	1	284	MDC
KC3RWU	66	2	1	282	EPA
K6YYL	16	2	1	282	ORG
N3DPQ	15	2	1	280	WWA
KC3IEU	15	2	1	280	VA
KW7MJA	14	2	1	278	NV
Tri-Town RAC					
K9SGB	13	2	1	276	IL
KR6D	63	2	1	276	NV
WF4V	35	2	1	276	WWA
Hams on the Hill Field Day					
W7IVK	12	2	1	274	NV
N9HOX	62	2	1	274	IL
NM3S	31	2	1	274	AZ
WD9EWK	10	2	1	272	AZ
WD5KED	60	2	1	270	NM
W9EJM	29	2	1	266	IL
KI5PED	6	2	1	264	STX
WA3TMR	30	2	1	260	MDC
Lake Area AR Klub					
KC5LL	53	2	1	256	NTX
KE8KOR	44	2	1	254	WWA
K8OB	52	2	1	254	MI
KJ7ZDH	98	2	1	246	AZ
Chehalis Valley ARS					
AC7UP	22	2	1	238	WWA
KD8KTN	44	2	1	238	MI
W4BTH	37	2	1	224	KY
CRES ARC					
KE8JVX	36	2	1	222	OH
WU0T	35	2	1	220	IL
W7PEB	34	2	1	218	OR
NZ2S	33	2	1	216	EWA
K7RNJ	28	2	1	216	OR
McMinnville ARC					
WE7DW	16	2	1	214	OR
KA2OEE	31	2	1	212	AR
W7OJT	31	2	1	212	AZ
KD0FAB	28	2	1	206	CO
K2LAT	27	2	1	204	AL
KG0E	16	2	1	202	WI
N9WG	25	2	1	200	IN
N4BPD	25	2	1	200	NC
KE8CUG	75	2	1	200	MI
N2UP	24	2	1	198	NNJ
KC3BXN	24	2	1	198	MDC
Edison AR Network					
W6ABV	23	2	1	196	ORG
WD9EEK	22	2	1	194	IL
Thunder Bay ARC					
W8RAD	71	2	1	192	MI
Schaumburg ARC					
KD9PWI	20	2	1	190	IL
Nittany ARC					
K3CWP	17	2	1	190	WPA
NR7Y	18	2	1	186	OR
Beaver Valley ARA					
N3XC	17	2	1	184	GA
KC1FOZ	17	2	1	184	NH
W0DHZ	13	2	1	182	WI
N7MHR	15	2	1	180	OR
AB9EK	65	2	1	180	WI
N8HM	10	2	1	180	VA
Sierra Foothills ARC					
AI6JB	14	2	1	178	SV
W0BAC	14	2	1	178	CO
W0PC	13	2	1	176	MO
Southern CA Contest Club					
KN6OKY	12	2	1	174	SDG
Southwest ID ARC					
KD7DY	31	2	1	174	ID
KK7ISX	6	2	1	174	ID
N1BAM	12	2	1	174	CT
AA6BD	6	2	1	172	TN
Highlands Hams					
KA4NDY	10	2	1	170	AL
KE4HD	5	2	1	170	VA
W7TCT	10	2	1	170	EWA
VE3LSO	10	2	1	170	ONE
KE8SNO	9	2	1	168	WV
K7MXD	33	2	1	166	NV
AF7VC	8	2	1	166	OR
KC8T	4	2	1	166	EPA
KC4WEB	42	2	1	164	MS
WE2M	3	2	1	162	EWA
W4AWD	54	2	1	158	GA
KY4UH	3	2	1	156	GA
Hancock ARC					
KD9TQH	2	2	1	154	WWA
VE6RWP	2	2	1	154	AB
K2ORC	52	2	1	154	VA
NI6V	1	2	1	152	SDG
W6WWW	51	2	1	152	SFL
KC9QFH	43	2	1	136	WI
NA6F	40	2	1	130	ORG
W1HSB	32	2	1	114	RI
KN6LNW	19	2	1	106	SCV
KB8M	13	2	1	102	MI
KI4AZX	17	2	1	84	SC
W5JOC	32	1	1	82	NM
Hill Country ARC					
AI5NE	15	2	1	80	STX
Cape Ann ARA					
W1FSR	12	2	1	74	EMA
KD5BPR	10	2	1	70	LA
KO4KVG	6	2	1	62	GA
KX7TL	5	2	1	60	AZ
VA2SCJ	2	2	1	54	QC

1B — One Operator Battery

K3WW	750	5	1	7,750	EPA
W3TS	656	5	1	7,010	EPA
K5AB	620	5	1	6,250	LA
KF7MD	530	5	1	5,450	CO
Potomac Valley RC					
WA4PGM	467	5	1	4,920	VA
KE0TT	467	5	1	4,820	MN
KY7M	390	5	1	4,050	CO
Boulder ARC					
KX0R	353	5	1	3,880	CO
New England QRP Grp.					
K1DFT (+KA1RM)					
	306	5	2	3,160	ME
N2CI	300	5	1	3,150	NNY
W9NJY	277	5	1	3,120	WI
Yankee Clipper Contest Club					
NI1L	271	5	1	3,060	EMA
DFW Contest Grp.					
K5QR	275	5	1	3,000	NTX
West Allis RAC					
WO9B	221	5	1	2,760	MI
W3WT	235	5	1	2,700	EPA
First Class CW Operators' Club					
WG4FOC (K3TW)					
	228	5	1	2,630	NFL
AG7TH	232	5	1	2,470	OR
WA4NKL	208	5	1	2,430	GA
W5RE	205	5	1	2,400	NFL
WS7L	222	5	1	2,370	WWA
WA7ZZB	177	5	1	2,320	EWA
Willamette Valley DX Club					
N7UN	203	5	1	2,280	WWA
AC6NT	203	5	1	2,280	TN
NP2Q	212	5	1	2,270	VI
Contest Club ON					
VE3NFN	212	5	1	2,270	GH
N3RN	177	5	1	2,240	EPA
Smoky Mountain ARC					
W8KO	206	5	1	2,210	TN
KD9OFJ	163	5	1	2,080	WI
WA9LT	240	5	1	2,070	IL
CITARC/JPLARC/PRC/SPARC					
N6ARA	194	5	1	2,040	LAX
WA6ARA	167	5	1	2,025	SJV
N8WXQ	191	5	1	1,840	WPA
KU4A	169	5	1	1,840	KY
N2DGQ	156	5	1	1,710	NNJ
Carolina DX Assn.					
W3SA	152	5	1	1,670	NC
K2EJT	150	5	1	1,650	WNY
KN1H	147	5	1	1,620	NH
K6GTE	128	5	1	1,620	ORG
WD7Y	144	5	1	1,590	NV
AA8MI	134	5	1	1,590	OH
Baton Rouge ARC					
N5DGK	136	5	1	1,575	LA
WJ7S	132	5	1	1,570	UT
Central TX DX and Contest Club					
KJ5T	131	5	1	1,560	STX
WG1X	140	5	1	1,550	NH
KE5ES	127	5	1	1,520	WTX
Redwood Empire DX Assn.					
K6JS	144	5	1	1,490	SF
Williamson Co. (TX) ARES					
KO4DCO	93	5	1	1,480	TN
K0WOI	109	5	1	1,440	IA
Suburban Technical ARS					
W9SAU	97	5	1	1,420	IL
K4CTX	126	5	1	1,410	WCF
CITARC/JPLARC/PRC/SPARC					
W6AQ (N6AN)					
	97	5	1	1,385	LAX
WU0L	102	5	1	1,370	SD
WA7QCC	100	5	1	1,350	OR
CW Band-Dits					
KA8GKT	109	5	1	1,340	OH
VE6FAR Cycle 25					
VE6LK (VE6VPD)					
	54	5	1	1,290	AB
Arizona Outlaws Contest Club					
N7GP	112	5	1	1,270	AZ
W8NGA	110	5	1	1,250	OH
CITARC/JPLARC/PRC/SPARC					
N9LFF	103	5	1	1,245	LAX
North Fulton ARL					
WO1VEN	159	5	1	1,230	GA
KC5VAZ	87	5	1	1,220	STX
WA2WMR	105	5	1	1,200	VA
NOARS/LCARA					
W8NNC	105	5	1	1,200	OH
Macon Co. ARC					
KE0MHJ	62	5	1	1,170	MO
AC7A	92	5	1	1,170	WWA
Lennon-Michigan					
N8TT	101	5	1	1,150	MI
Scranton Pocono AR Klub					
W3BA	87	5	1	1,120	EPA
KC0CCR	77	5	1	1,120	KS
Prairie Contesters					
N0UD (WB0OAJ)					
	84	5	1	1,090	ND
N0LMQ	74	5	1	1,080	MO
KC4GIA	73	5	1	1,080	VA
K0TTW	81	5	1	1,060	CO
WM8Q	68	5	1	1,030	WY
Rochester (NY) DX Assn.					
N2ZN	89	5	1	1,025	SC
WB9CYY	76	5	1	1,010	VT
KF0XV	86	5	1	1,010	KS
N2AXX	75	5	1	1,000	NNJ
K7UD	83	5	1	980	STX
Bishop ARC					
NN7O	69	5	1	940	ORG
VA3FN	88	5	1	930	ONS
Ottawa Valley Mobile RC					
VA3WEX	69	5	1	930	ONE
KT4XN	78	5	1	930	GA
AH6X	80	5	1	920	ID
K9RWM	80	5	1	905	IN
AI4TB	61	5	1	860	NFL
Chehalis Valley ARS					
AC7SR	41	5	1	860	WWA
The American Legion Post 33 ARC					
AB9BZ	50	5	1	850	IL
KI7YDK	80	5	1	825	AZ
NH6O	37	5	1	820	PAC
Columbia (MD) ARA					
NN3I	26	5	1	810	MDC
WE3Q	53	5	1	780	MDC
KB0ETC	82	5	1	780	SD
KB7LJP	43	5	1	780	WWA
Chehalis Valley ARS					
KJ7SLR	72	5	1	770	WWA
Montgomery ARC					
W5NZ	55	5	1	770	AL
N6VNO	35	5	1	750	SCV
VE3GTM (VE3EKN)					
	47	5	1	730	ONE
Lancaster ARC					
WA2QYA	48	5	1	730	WNY
N0MTC	90	5	1	720	KS
WB4MOR	56	5	1	710	TN
NO3J	65	5	1	700	EPA
W9TCV	29	5	1	695	NFL
KK1J	103	5	1	665	AZ
Sierra Foothills ARC					
K6GPB	51	5	1	660	SV
KB8RTB	60	5	1	650	OH
WD8RIF	50	5	1	650	KY
KA2BEO	50	5	1	650	SNJ
W6KSR	101	2	1	620	ORG
W6DOW (W6DOQ)					
	45	5	1	600	SJV
KN6SLZ	7	5	1	590	ORG
Phil-Mont Mobile RC					
N3ZP	44	5	1	590	EPA
W6OBB	43	5	1	590	SB
Highlands Hams					
WX4P	16	5	1	580	AL
W7DLR	43	5	1	575	WWA
Utah Valley ARC					
K7DMJ	83	5	1	565	UT
NG0E	41	5	1	560	MN
Ottawa Valley Mobile RC					
CK3RXH (VE3RXH)					
	41	5	1	560	ONE
W2AEW	30	5	1	550	NNJ
N8HWV	30	5	1	550	WI
N6IV	29	5	1	540	SJV
KF0ARE	21	5	1	530	WI
KC8SQC	38	5	1	530	MI
Gainesville ARS					
KM4JTE	8	5	1	530	NFL
VE6ZC	8	5	1	525	AB
KD3RF	45	5	1	525	EPA
Sierra Foothills ARC					
W2VX	37	5	1	520	SV
Palo Alto ARA					
VA3NIA	27	5	1	520	ONE
K1DCT	26	5	1	510	CT
KB1HXO	49	5	1	495	WMA
KB7KDT	24	5	1	490	EWA
Foothills ARS (AB)					
VE6VIC	42	5	1	470	AB
KA9WPO	41	5	1	460	IL
Shreveport ARA					
WA5ARJ	20	5	1	450	AR
VE2ZM	20	5	1	450	QC
AC7FF	40	5	1	450	AZ
W9XAN	18	5	1	440	WI
CARESS-BARC-NWARC-VECTOR					
VE7TL	19	5	1	440	BC
VE3EAC	29	5	1	420	ONE
KJ7RBS	29	5	1	420	NV
CITARC/JPLARC/PRC/SPARC					
NG6F	33	5	1	415	LAX
Minnesota Wireless Assn.					
K0CD	26	5	1	410	WI
N6KM	16	5	1	410	RI
TUSCO ARC					
AD8IE	50	5	1	400	OH
Orca DX and Contest Club					
VA7KBM	13	5	1	380	BC
W0BC	12	5	1	370	CO
N5NAA	12	5	1	370	TN
KF7UFF	21	5	1	360	WY
VE3EDE	16	5	1	360	ONE
WB5IUG	12	5	1	360	NTX
WW4FLY	1	5	1	355	AL
Hilltop Transmitting Assn.					
W3QKA	20	5	1	350	EPA
VE3BTS	20	5	1	350	GH
WU0A	20	5	1	350	CO
WD5HNI	26	5	1	330	STX
K2MTS	16	5	1	330	ENY
NC4TE	16	5	1	330	NC
Suburban Technical ARS					
KE9JQ	16	5	1	330	IL
KL7MJ	27	5	1	320	VA
PODXS 070					
KJ7MEB	17	5	1	315	NC
KD0STU	11	5	1	305	NE
Hannibal ARC					
WB2UFO	5	5	1	295	MO
K7GZP	14	5	1	290	OR
K2VJK	8	5	1	290	WNY
Cape Ann ARA					
K1KL	18	2	1	286	EMA
KF5DPX	7	5	1	285	NM
N8URE	5	5	1	280	SFL
Washington Co. (WA) ARC					
KG7POD	6	5	1	280	WWA
NM5D	13	5	1	280	CO
CITARC/JPLARC/PRC/SPARC					
W6TDC	4	5	1	270	LAX
Rocky Mountain Ham Radio					
AE5IT	3	5	1	265	CO
WA4HWT	22	5	1	260	GA
PSRG/WSARC/Seattle ACS					
KB8BMY	1	5	1	255	WWA
KC1RDH	1	5	1	255	WMA
KE8FZT	1	5	1	255	MI
KI7URL	20	5	1	250	WY
Pamlico ARS					
KO4MHM	17	5	1	235	NC
K1PNQ	9	5	1	235	EMA
KT3V	14	5	1	220	WCF
N9IVI	17	5	1	220	IN
St. Croix Valley Radio Amateurs					
K9CTS	16	5	1	210	WI
NT7R	4	5	1	185	AZ
Sierra Foothills ARC					
KO6TH	5	5	1	180	SV
KA7ULD	3	5	1	180	MT
W4TYD	5	5	1	175	SFL
Cochise ARA					
KK6NOH	2	5	1	170	AZ
Fox River Radio League					
KC9BKS	2	5	1	165	NFL
Mound ARA					
KO4SRQ	3	5	1	165	OH
N5ILN	2	5	1	160	NV
KG5WHQ	1	5	1	155	NTX
AL7JK	8	5	1	130	AK
N8ILI	9	5	1	95	ID
KD2YMM	4	5	1	90	NNY
W9TLS	5	5	1	75	IN
Albemarle ARC					
KY4IE	2	5	1	70	VA
KI6FWB	1	5	1	55	SCV

1B — One Operator Commercial

Bella Vista RC					
K5XK	503	2	1	2,062	KY
KM5VI	1,524	1	1	1,574	STX
Mobile ARC					
K5LDA	366	2	1	1,514	MS
K3ATO	555	1	1	1,160	EPA
AD7DD	400	1	1	1,150	ID
VA6RCN	224	2	1	864	AB
K7BWC	197	2	1	738	UT
Iola ARC					
NQØM	110	2	1	690	KS
Fox River Radio League					
N5EP	125	2	1	550	WI
Sun City Peachtree ARG					
WAØLJM	114	2	1	506	GA
W5AR	161	2	1	506	AR
Bryan ARC					
AA5W	110	2	1	490	STX
Albuquerque DX Assn.					
WØZW	101	2	1	454	NM
NØDCW	54	2	1	352	ID
KM2B	90	2	1	320	WNY
KM4QAV	27	2	1	304	GA
Southwest LA Amateur Repeater Club					
WB5OZA	67	2	1	284	LA
W3RAB	57	2	1	274	MDC
K1PDY	47	2	1	238	NH
Tortolita RC					
W7BV	41	2	1	214	AZ
N1ADX	81	2	1	212	VT
W9FOZ	15	2	1	180	MI
St. Mary's ARC					
CK3SDF (CK3ZIS)					
	13	2	1	176	ONS
N7BBQ	57	2	1	168	TN
KN4VTT	4	2	1	158	WPA
W6BDD	42	2	1	134	KS
KE5LHC	42	2	1	134	OK
K5GZG	20	2	1	130	TN
W8TJB	13	2	1	100	MI
W5BKZ	12	2	1	98	STX
Bryan ARC					
N5RBR	12	2	1	74	STX

1B — Two Operators

KH6AQ (+NH6V)					
	925	2	2	4,150	PAC
WØD (WBØTUA, WBØSND)					
	812	2	2	3,398	MO
Radio Artisans					
K3NG (+K3KTG)					
	785	2	2	2,708	EPA
AD2P (+N2HMM)					
	710	2	2	2,264	NNJ
Mile Lake Radio Assn.					
NØSTL (+KØIEX)					
	452	2	2	1,958	MN
Wistaria Wireless Soc.					
K6TY (WB6MLI, WB6VRN)					
	287	2	2	1,698	SJV
Gratiot Co. Old Timers					
W8AWE (+W8DCQ)					
	329	2	2	1,566	MI
Yooper Dupers					
N9EZ (+WA1UJU)					
	325	2	2	1,450	MI
Makani ARC					
KH6KB (N6KB, KH6LC)					
	309	2	2	1,386	PAC
WØKU	177	2	2	954	CO
Motorola ARC (AZ)					
K7TV	167	2	2	872	AZ
Virginia Beach ARC/Virginia DX Century Club					
AG7AE	120	2	2	796	TN
KB7XL (+W6AAE)					
	238	2	2	726	NV
AC8QX	233	2	2	716	MI
KE7F	176	2	2	702	OR
HP Alumni RC					
NF1A (+KB1NO)					
	46	2	2	630	EMA
Amateur Radio Alliance					
KP4ARA (WP4KEY, KP4NYC)					
	76	2	2	602	PR
Hams on the Hill Field Day					
KC7TMC	47	2	2	564	NV
KB3LTT	105	2	2	560	EPA
Yellowknife ARS					
VE8YK (VE8WD, VE8IR)					
	22	2	2	512	TER
West Kootenay ARC					
VE7CW (+VE7IHL)					
	80	2	2	496	BC
Indiana Co. ARC					
N3DZ (+N3LT)					
	84	2	2	386	WPA
KM4VCO (+NZ4N)					
	65	2	2	362	NC
Keeping AR Fun					
KØARF (KØSV, KBØZZJ)					
	105	2	2	360	MN
Suburban Technical ARS					
KD9SJC (+WB9W)					
	49	2	2	348	IL
American RC					
AA1RC (KN4NEH, N4BFR)					
	48	2	2	346	GA
Red Mountain Radio Amateurs					
KB7AWG (+KB7MLK)					
	95	2	2	340	NTX
Potomac Valley RC					
KC3IZX (+WT2F)					
	12	2	2	318	UT
Wells Creek Basin Ham Radio Network					
N4WCB (NG4V, KE4VKO)					
	20	2	2	312	TN
Shelby Co. (AL) ARC					
KG4SLK	64	2	2	298	NFL
K7IP (+KG7HQ)					
	44	2	2	296	OR
KJ4AXB	2	2	2	278	MDC
Nathan and Sam					
KN6TNU (+WA6NGH)					
	14	2	2	228	SB
WA5JM (+W1FJC)					
	34	2	2	218	CO
WA7TPB	27	2	2	204	WWA
VA3FMN (+VA3DAC)					
	25	2	2	200	ONE
KEØZCD	7	2	2	184	ND
W1FJC (+WA5JM)					
	13	2	2	182	CO
KA9VLC (+K9KVS)					
	32	2	2	178	IL
VE7BIA	10	2	2	170	BC
Clarksville Amateur Transmitting Soc.					
AJ6T	2	2	2	154	TN

1B — Two Operators Battery

KE3V (+WB3CEG)					
	356	5	2	3,710	WPA
VA3YV (VE3IMG, VE3EQP)					
	263	5	2	2,950	ONS
W7EL (+K7PJT)					
	219	5	2	2,440	OR
WVØH (+KF5RY)					
	175	5	2	2,200	CO
Ottawa Valley QRP Soc.					
VA3RKM (+VE3EUR)					
	84	5	2	1,490	ONE
CITARC/JPLARC/PRC/SPARC					
W6LOR	108	5	2	1,405	ORG
WW8H (+NI8N)					
	124	5	2	1,340	OH
CITARC/JPLARC/PRC/SPARC					
K6STR	88	5	2	1,310	ORG
W9GSM (+AC9SB)					
	71	5	2	1,255	IN
N7NS (+K7VU)					
	75	5	2	965	MT
KE7CR (+K7ARJ)					
	44	5	2	690	ID
N3OFR (+N3RLX)					
	40	5	2	550	EPA
VE3THI (+VA3TGL)					
	43	5	2	480	ONE
WØIS (+KCØOIA)					
	20	5	2	350	MN

1B — Two Operators Commercial

FOS Garage ARC					
NØBAK (+KØBDF)					
	279	2	2	1,148	MN
Knob Hill Krew					
KE5ET	188	2	2	690	NTX
NJ9L	302	1	2	352	SNJ
W9POG (+KD9WYI)					
	7	2	2	198	IL

2B — One Operator

ABØRX	447	2	1	1,728	MI
KØVU	25	2	1	660	MN
WA6SCR	23	2	1	396	ORG

2B — One Operator Battery

Cuyahoga Falls ARC					
K8ZT	436	5	1	5,040	WV
KEØVIM	229	5	1	2,595	CO
KE8KIK	69	5	1	1,040	OH
Aerospace Employees Assn. ARC					
AI6DO	51	5	1	1,020	LAX
N9YZD	39	5	1	685	IL

2B — One Operator Commercial

WB5N	635	2	1	1,970	NTX

2B — Two Operators

N2A (WK2G, WK2W)					
	1,550	2	2	6,550	SNJ
KV8P	1,260	2	2	3,738	OH
KE2X (+N2RC)					
	638	2	2	2,680	ENY
NV5E (+KG5HFL)					
	566	2	2	2,202	STX
K4JBL (+W4GLK)					
	266	2	2	1,414	TN
KK4LWR (+W4NAI)					
	259	2	2	1,410	NFL
Panhandle ARC					
W5RAW (+KD5DYP)					
	381	2	2	1,356	SD
Western WA DX Club					
W7PEZ	201	2	2	1,220	EWA
WØWH (KG9OC)					
	200	2	2	1,150	NE
WT8P	204	2	2	1,064	EWA
KB3GJE (+KB3RPC)					
	179	2	2	1,062	MDC
Boston Urban Radio Grp.					
KX1Q (KM1NDY, AA1F)					
	259	2	2	1,008	ENY
Spirit Mountain ARC					
KS7MC (WB7N, KJ7JJT)					
	91	2	2	832	AZ
Letcher Co. ARC					
KM4IAL (AF4Y, KI4CQ)					
	27	2	2	746	KY
WA7RJ (+KB7SDM)					
	136	2	2	698	WWA
N7WLC	127	2	2	604	SB
CITARC/JPLARC/PRC/SPARC					
KE6SRN (+KE6SRO)					
	22	2	2	594	WMA
AK1X (+W1ASP)					
	143	2	2	536	VT
BayNet					
K6SRA (W6DTW, K6BEZ)					
	41	2	2	406	SCV
W1ASP (+AK1X)					
	39	2	2	350	VT
KD7ZYN	20	2	2	320	WWA
Roanoke Digital Experimenters Grp.					
KK4WDG (+K4FDS)					
	69	2	2	288	VA
AI6XK (+NØJUK)					
	32	2	2	114	SF

2B — Two Operators Battery

Panama City ARC					
N4KGL (+NZ2I)					
	242	5	2	3,165	GA
N8EFO	339	5	2	3,035	OH
K3VNN (+NI3H)					
	235	5	2	2,285	EPA
KB2DSR (+KB2DSQ)					
	165	5	2	1,275	WNY
K7AWA (WA7GIL, W7LDT)					
	80	5	2	1,250	AZ
Wood River ARC					
WX7XX (+N7SVI)					
	34	5	2	520	ID

2B — Two Operators Commercial

AE6NN	47	2	2	332	ORG

3B — One Operator Battery

KB9KMB	132	2	1	772	IN

3B — Two Operators

Wisconsin River Gang					
W9AV (+W6RI)					
	1,759	2	2	7,420	

Mobile Stations

1C

Cross Roads Ham RC					
N5YIZ	744	2	1	1,638	STX
W6QX/M	381	2	1	1,360	SDG
Eau Claire ARC					
KB9S	261	2	1	1,294	WI
KD4WLE	180	2	1	970	SFL
W9YOY	245	2	1	936	IL
Northeast MD AR Contest Soc.					
N3WD	260	2	1	920	MDC
KB8U	83	5	1	880	MI
W7CGA	129	2	1	766	WTX
N2YY	296	2	1	742	NLI
Bryan ARC					
W1JCW	117	5	1	735	STX
K8EG	145	2	1	704	OH
Benicia ARC					
KK6ZIZ	138	2	1	680	EB
Conejo Valley ARC					
NS6X	25	5	1	675	SB
Framingham ARA					
NA1GB	114	2	2	622	EMA
NØEVH	113	2	1	600	MO
Southern CA Contest Club					
W6KC	92	2	1	496	AZ
KU5D	38	2	1	486	AR
KB9LFZ	163	2	1	476	NTX
Northern Lights Radio Soc.					
NØSUW	76	2	1	454	MN
Yuba-Sutter ARC					
W6PNH	40	2	1	438	SV
KG6MWI	93	2	1	424	ORG
ND8D	82	2	1	414	OH
VE3PYJ	50	5	1	400	GH
CITARC/JPLARC/PRC/SPARC					
KF6RRR	4	5	1	370	LAX
Mad River RC					
K8MR	53	2	1	362	OH
N2GA	50	2	1	350	NLI
W2VQ	85	2	2	348	NNJ
Grand Mesa Contesters of Colorado					
ABØYM	42	2	1	318	CO
Edmond ARS					
KG5JST	23	2	1	296	OK
N8VWY	70	2	1	278	OH
KD2ABL	32	2	1	278	ENY
NØRW	26	2	1	254	WCF
W7JZE	47	2	1	244	AZ
NØGN	24	2	1	212	MO
WTØR	13	2	1	202	CO
San Fernando Valley ARC					
K6ATO	25	2	1	200	LAX
Garden State ARA					
KF2YV	16	2	1	182	NNJ
KJ7ZJI	14	2	1	178	EWA
VA7BKK	12	2	1	174	BC
N3OBY-MM	61	2	1	172	EPA
CITARC/JPLARC/PRC/SPARC					
N3BKV	2	5	1	170	ORG
NØJK	2	5	1	170	KS
Kalamazoo ARC					
N8UXO	8	2	1	166	MI
W3CX	4	2	1	166	VA
Cherryland ARC					
N8CN	4	2	1	158	MI
WA4A	1	5	1	155	NC
CITARC/JPLARC/PRC/SPARC					
KK6EUH	1	2	1	152	LAX
WX2P/M	19	5	1	145	NLI
Maui ARC					
WH6FAM/W3	46	2	3	142	MDC
KA3KSP	39	2	1	128	WPA
KK4JI	52	1	1	125	SFL
KB1RJS	36	2	1	122	CT
W3LJC	9	2	1	68	EPA
ADØH	5	2	1	60	IA
KA1KNW	27	2	1	56	CT
Albemarle ARC					
KG4EIF	1	2	1	52	VA

2C

W9CDK	12	2	2	374	IL

Class D, E, and F home stations and aggregate scores will be posted in the digital edition of *QST* and on the ARRL Field Day Page at **http://field-day.arrl.org**.