

# The 2006 ARRL Field Day Results: It's Our Time to Shine...

Dan Henderson, N1ND



With a tip of the cap to Joe Walsh, WB6ACU, to the tune of his hit "Life's Been Good":

*The summer's coming; June's heading our way*

*We hams all know what that means — it's Field Day.*

*Spend weeks of planning to get it all right*

*So we can have one memorable night.*

*They say hams are crazy and we've all lost our mind*

*We're just looking for Qs and to have a good time*

*Field Day — it's our time to shine.*

It's the talk of almost every Amateur Radio club in the US and Canada at some point in time during the year — ARRL Field Day. Some groups start planning the day this operating event ends the previous year. Others will wait and do their preparations beginning only a few weeks before the event. Most groups start kicking around ideas early in the calendar year — giving clubs about six months to prepare.

The numbers in 2006 again show what we all already know — that Field Day is the most popular on-the-air operating activity in Amateur Radio. An official total of 2169 entries were received from groups and individuals from all 80 ARRL/RAC sections — a clean sweep! Even the elusive Northern Territories section made an appearance, as VE6RI/VE8 submitted in the B2C category. These entries represent a reported total of 32,506 participants; the numbers don't include those who participate from home and didn't submit a Field Day summary for inclusion in the results.

The total number of contacts completed during Field Day 2006 was 1,236,825 — slightly up from 2005 by about 19,000 contacts. There were slight increases reported on CW and Phone, while digital contacts had 300 fewer completed contacts. That's not bad for a year at the very bottom of the sun spot cycle. As we see the beginning of Cycle 24 in the next 12-18 months and a return to some better propagation on 10 and 15 meters, we could be facing an all-time record number of contacts in the next few years.

*In parks and plazas, and in EOCs  
We set up where all of the people can see.  
The stormy weather may cause us some fits*

*And old transceivers may drift just a bit. . .*

Field Day is the best public relations opportunity that Amateur Radio has during

the year. It is exciting to see that 1450 of the entries received were from groups and individuals in Class A or B — the two categories that require setup away from your normal shack. It is also interesting to note that a total of 1847 received entries were operating from non-commercial power mains — that's

## Recent Field Day Stats

	2006	2005	2004	2003	2002	2001	2000
CW QSOs	518,799	503,205	517,738	467,748	537,130	536,072	511,422
Digital QSOs	21,459	21,766	20,940	12,525	17,170	14,283	10,376
Phone QSOs	696,567	692,722	787,444	646,564	869,922	868,174	906,226
Total QSOs	1,236,825	1,217,693	1,326,122	1,126,837	1,424,222	1,418,529	1,428,024
Total Entries	2169	2212	2241	2080	2110	2062	2054
Novice/GOTA	432	396	436	346	428	208	240
Participants	32,506	33,078	33,002	32,100	34,398	31,530	30,242



COURTESY DAVID BOWER, K4PZT

**"Look What I Did!"** Joseph Hood, as assisted by GOTA coach Jason Campbell, KG4WGB, made the last official contact for Radio Amateur Club of Knoxville, W4BBB.



COURTESY LOUIS CARRIER, VE2EZD

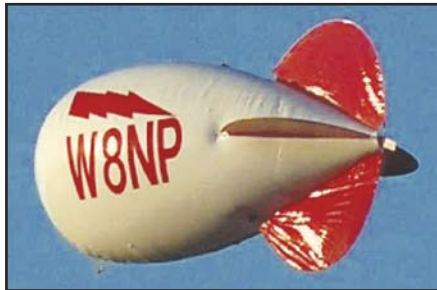
**No, not concert roadies...** The scene at Le Club de Radio Amateur de Beauce, St-Georges, Quebec, VE2CRB, was typical all over, whether you spoke French, English, Spanish or that strange language known as "the code." *Très bien!*



The Metroplex Amateur Radio Club and the Ramsey (New Jersey) Office of Emergency Management joined forces for Field Day 2006. (Left to right): Tom Bennett, W2TAB; Hudson Division Vice Director Joyce Birmingham, KA2ANF; Ramsey Mayor Richard Muti, and Michael Adams, WA2MWT, Ramsey OEM Coordinator get ready to start the day.



The Maui Amateur Radio Club, KH6RS, probably set a record for the largest average distance per contact, since they claim all of their QSOs were at least 2000 miles in distance! Not a bad place to "Take a Look Around."



It wasn't hard to find the Massillon Amateur Radio Club, W8NP, Field Day site. Just look for the soaring "Eagle."

an outstanding 85 percent of all entries. The lessons we learn from operating away from the comfort of the home shack and commercial power really are one of the principal focuses of this operating event. And don't sell short those operating from the home shack with commercial power: in an emergency, everyone has a role to play, whether they are Class A operating on battery power QRP from a tent at the local fire department, or sitting in front of the well-equipped shack at home. One of the lessons learned from last year's hurricanes is that every station has a task to perform — and Field Day is the time we can test our capability and fine tune our procedures.

In reviewing the almost 300 online soapbox entries for Field Day 2006, you get a great feel for how groups and individual approach the task they are presented. There are hundreds of photos submitted by the clubs, showing everything from GOTA and youth participation, to innovative station setups and operating locales. Make sure to visit the Online Soapbox at [www.arrl.org/contests/soapbox](http://www.arrl.org/contests/soapbox) and see what your fellow hams are doing. Simply select 2006 Field Day from the drop down box, and be ready to spend some time viewing creative ideas! And make sure

to add your contributions to this site.

Vintage radios always seem to be found during Field Day. It is exciting to see old-time gear that "glows in the dark" in operation. Occasionally we get a few warbles and chirps, and generally a VFO may drift a tad — but that's part of the challenge of Field Day. Whether you are an old-timer reliving the "equipment of our youth," or a newcomer who is seeing an old tube-type transceiver for the first time, vintage radios in operation are part of the heritage of our hobby — and Field Day is a great time to see them in action.

*We set up GOTA, and satellites too*

*We show the mayor just what we can do*

*With code and voice and with new PSK*

*It ain't like work and it ain't just like play.*

*We try to get lucky and make TV news.*

*Everybody call — CQ — CQ.*

*With all the fun, well you know you can't lose*

*Field Day — it's our time to shine...*

Bonus points are the real heart of Field Day. They are offered because they encourage amateurs to invest in the most important parts of the operating event. The success or failure of Field Day does not depend on the number of contacts you complete or the QSO points that you rack up. A successful Field Day really comes from maximizing the bonus points that you earn for the operation. If you analyze what bonus points are available, you will realize they are offered generally for doing three types of activities.

The first activity is maximizing the visibility of Amateur Radio in your town and community. The parking lot of the local shopping center may not be the most convenient place to put up towers, but you can rest assured that a temporary tower in a highly trafficked locale will attract some interest from passers-by. Set up at the central picnic shelter at a city park and you will have some curious

### Top 10 Claimed Scores

Call Sign	Score	Class
W3AO	31,144	22 A
W4IY	23,038	18 A
W6YX	21,106	5 F
VE3GMA	19,842	9 A
K1R	19,192	5 A
W9CA	18,142	3 A
N1FD	17,646	13 A
K2AA	16,404	6 A
AA5B	16,165	7 A
N6ME	16,052	6 A

### Entries Received by Full Class

Class	Entries	Class	Entries	Class	Entries
1A	177	18A	1	6D	1
2A	484	22A	1	1E	180
3A	287	1B1	153	2E	24
4A	134	3B1	1	3E	15
5A	80	1B2	52	4E	1
6A	21	2B2	19	9E	1
7A	18	1C	47	1F	23
8A	11	2C	2	2F	60
9A	4	4C	1	3F	33
10A	2	1D	272	4F	19
11A	2	2D	16	5F	8
12A	1	3D	7	6F	5
13A	2	4D	3	11F	1

people asking what is going on. That's where your information table and greeters are important. The story in the local newspaper or on the 6 o'clock news may not bring hordes of visitors to your site, but if it stirs up a little interest, you come out ahead.

When potential served agencies are invited and attend your Field Day, you have another opportunity to build stronger working relationships. A town councilman who has visited your site and seen the community service you can provide may be more inclined to work with you when an antenna zoning issue comes up. The local Emergency Management Coordinator will be pleased to know he has another "tool" to use in a communications emergency. Those couple of hundred bonus points may mean more opportunity for your group to be of service down the road.

The second purpose of the bonus points is to challenge individuals and clubs to experiment and innovate with new technologies or

**Entries by Section**

Section	Entries	Section	Entries	Section	Entries
AB	10	ME	16	RI	10
AK	6	MI	72	SB	17
AL	30	MN	34	SC	16
AR	24	MO	60	SCV	32
AZ	39	MS	16	SD	9
BC	24	MT	20	SDG	21
CO	51	NC	61	SF	8
CT	29	ND	5	SFL	22
DE	4	NE	17	SJV	23
DX	1	NFL	37	SK	4
EB	17	NH	22	SNJ	17
EMA	29	NL	2	STX	53
ENY	26	NLI	28	SV	15
EPA	67	NM	21	TN	59
EWA	19	NNJ	40	UT	16
GA	49	NNY	6	VA	62
IA	21	NT	1	VI	2
ID	13	NTX	47	VT	11
IL	69	NV	10	WCF	19
IN	47	OH	117	WI	43
KS	30	OK	23	WMA	9
KY	31	ON	54	WNY	40
LA	20	OR	22	WPA	39
LAX	33	ORG	43	WTX	10
MAR	7	PAC	8	WV	16
MB	6	PR	3	WWA	52
MDC	36	QC	12	WY	9



**No "Funk 49" here, as it looks like the radio gods were smiling on the N0LP operation.**

phone and smoke signals.

Congratulations to each group that made a concerted effort to maximize bonus points in the three areas of visibility, innovation and recruitment! You can consider yourselves winners of Field Day!

*Some stay up late and work stations 'til four*

*It's hard to stop when you want to work more.*

*It helps us plan for that emergency*

*Training for folks just like you and like me.*

Field Day is about setting realistic goals and trying to achieve them. For some groups, it means trying out new club generator or a new portable communications vans. The goal for your group may be to beat the score of the crosstown rival. It may be training members of your ARES group on procedures for accessing the radio room at the County EOC, or getting 10 participants making contacts at the GOTA station. Whatever the goal, it is important to realize that Field Day begins and ends with *fun*. So whenever you start your preparations for Field Day 2007 — scheduled for June 23-24 (always the 4th full weekend in June) — don't forget to bring the polish... because it's our time to shine!

*Can't say we're lazy when the results are in.*

*Everybody say 73 — 73.*

*Learned something new, so in fact we all win*

*Field Day — it's our time to shine...*

to try an operating activity they haven't used before — in particular, the use of alternative power sources and nontraditional communications modes that could be successfully used during an emergency. The key to being a demonstration mode is to do something that would be "useful during an emergency." Things like APRS and Amateur TV can become integral parts of emergency operations. As other technologies are developed with useful applications to this area of emphasis, they will become eligible for inclusion for bonus points, as well. Remember: something that you can already earn regular QSO credit for (such as PSK-31) may be a new mode to you,

but it is well-enough established in the main stream that it earns QSO points, and is thus not eligible for the additional bonus points.

The third — and maybe most important — bonus point area is for developing new operators and recruiting new people into the service. This area is intended to provide hands-on activities for those not already "radio-active." Judging from the photos submitted for the Online Soapbox, many groups placed a premium on the GOTA and youth elements of Field Day 2006. After all, without a continual influx of new operators coming into the hobby, Amateur Radio is destined to go the way of rotary

**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, call sign(s) used, total number of QSOs, number indicating power output used (5 is less than 5 W, 2 is less than 150 W; 1 is more than 150 W), number of participants and 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, if it is known. Class C stations are mobiles. Class D stations are home stations using commercial power. Class E stations are home stations using emergency power. Class F stations are EOC stations.

**1A Battery**

Chew's Ridge Gang				
K6MI	1240	5	7	13,605 SCV
Rocky Mountain Telegraphers				
W0KV	878	5	4	9,180 CO
Manti Camping/Contest Club				
NC7X	779	5	3	8,840 UT
K2ZR	774	5	15	8,840 WNY
Bear Mountain QRP				
WA5Y	415	5	10	4,600 NM
Wyoming DX Contest Club				
W7SE	413	5	3	4,280 WY
Austin QRP Club				
KQ5RP	318	5	3	3,320 STX
Rincon QRP Contest Club				
W7RIN	282	5	3	2,850 AZ
Hiawatha/Falls City ARC				
WD0Y	258	5	23	2,685 NE
Bolingbrook Area Radio Contesters				
NA9US	234	5	4	2,560 IL
Hawaii QRP and Hilo ARC				
KH6IN	166	5	4	2,455 PAC
Soldier Monkeys				
W7FC	186	5	4	2,310 OR
LSU Physics Dept				
N5IB	148	5	3	1,980 LA
W8DUG	66	5	3	950 OH
US Department of State ARC				
W3DOS	41	5	3	860 MDC
Benton CTY AR Service				
K7CVO	25	5	11	700 OR
Dayspring School ARC				
KB3NCB	33	5	4	515 DE
Utah Adventure				
W1RO	2	5	3	170 UT

**1A**

Central NC DX Chasers				
N4OL	1520	2	24	6,458 NC
KY Indiana DX Assn				
KY4CW	1480	2	3	6,450 KY
Parma RC				
K8EE	1389	2	3	6,106 OH
Tilson Contest Group				
K5WA	1614	2	3	5,984 STX
Robert F Heytow Memorial RC				
K9YA	1214	2	5	5,806 IL
Bonfield Area Radio Fraternity				
K9TP	1542	2	3	5,446 IL
Emergency Mobile Communications Club				
W3USA	1431	2	5	5,038 OH
Ham Radio Brasspounders				
W1HR	1429	2	4	4,906 SFL
Bozo and the Lids				
W9TG	1108	2	6	4,876 IN
The Motley Crew ARC				
K9W	1418	2	12	4,808 IL
BIG HILL ARC				
K0HP	982	2	8	4,474 SD
Motorola ARC				
K9MOT	1202	2	15	4,420 IL
Nagro Club				
K0DD	1432	2	4	4,414 SD
South Heartland Contest Society				
W0ICT	1034	2	7	4,204 KS
Case ARC				
W8EDU	1098	2	5	4,198 OH
Echo-Sierra DX Club of South Brevard				
K9ES/4	952	2	4	3,972 SFL

Assoc Radio Amateurs of Southern New England				
W1AQ	1369	2	17	3,892 RI
Gila ARS				
K5GAR	1090	2	13	3,800 NM
Wyoming 7 Flamingo Desperados				
WY7FD	1068	2	8	3,718 WY
Union City Wireless Assn				
WA3UC	1089	2	8	3,248 WPA
AE6C	692	2	4	3,162 SV
Dr Loomis Memorial Jr Mechanics League				
W3KDR	783	2	11	2,914 MDC
N5IF	563	2	20	2,862 STX
Garden State ARA				
K2USA	774	2	14	2,782 NNJ
Marshall City ARC				
W0GCJ	609	2	10	2,696 KS
W8ED	586	2	9	2,664 WV
Muskegon River CW Group				
N8VYS	616	2	4	2,614 MI
Club Radio Amateur de Beauce				
VE2CRB	594	2	11	2,612 QC
Sorel-Tracy ARC				
VE2CBS	438	2	20	2,600 QC
Athens Co ARA				
W8MHV	540	2	13	2,502 OH
Ski Country ARC				
K0RV	821	2	12	2,474 CO
First State ARC				
K3QBD	594	2	10	2,442 DE
Albuquerque DX Assn				
W5UR	740	2	5	2,430 NM
El Dorado Co ARC				
AG6AU	653	2	20	2,370 SV

Hot Springs Village ARC				
K5ID	528	2	24	2,268 AR
Juneau ARC				
KL7IG	613	2	8	2,224 AK
WN0G	1009	2	3	2,218 IA
University of Arkansas ARC				
K5GOE	441	2	15	2,216 AR
Loop Group				
K4QXX	596	2	13	2,198 WCF
Chilliwack ARC				
VE7AFA	460	2	20	2,198 BC
Avaya Lincroft ARC				
W2IMU	448	2	9	2,174 SNJ
Owensboro ARC				
K4HY	428	2	10	2,162 KY
Union Metropolitaine Des Sans-Filistes de MTL				
VE2UMS	487	2	42	2,154 QC
K0LG	583	2	3	2,126 MO
Midwest ARS				
W9MAR	745	2	9	2,090 IN
Morris RC				
W2YD	465	2	13	2,050 NNJ
West Island ARC				
VE2CWI	394	2	20	2,044 QC
W5WQ	731	2	11	2,022 MS
Dixie ARC				
W7DRC	622	2	11	1,996 UT
Jasper RC				
K4BEH	357	2	15	1,986 GA
Central WI Radio amateurs @ UWSP				
K9UW	507	2	5	1,966 WI
SCAN/Red Ant Annihilators				
WA6P	804	2	3	1,938 LAX
MIT Radio Society				
W1MX	569	2	25	1,934 EMA

WPPS RC  
W7POE 364 2 4 1,906 MT  
Covey Hill ARC  
VE2CYH 422 2 32 1,876 QC  
Blackstone Valley ARC  
W1DDD 592 2 11 1,872 RI  
Panorama Land ARC  
K7JAR (+KE7DSK)  
509 2 15 1,840 EWA  
Stanly CTY ARC  
K4OGB 284 2 20 1,822 NC  
Warren Co ARES/RACES  
WC8EMA 421 2 20 1,762 OH  
Lake Ontario DX & Contest Club  
KC2LTT 531 2 3 1,736 WNY  
Hellgate ARC  
W7PX 652 2 15 1,712 MT  
Halton ARC  
VE3OD 278 2 11 1,706 ON  
North Shore ARC  
VE7EMR 216 2 15 1,582 BC  
Geneva ARS  
W4GEN 248 2 9 1,574 AL  
West Tennessee ARC  
WF4Q 316 2 10 1,506 TN  
Manistee CTY AR Emergency Service  
WZ28N 238 2 6 1,498 MI  
Contest Group du Quebec  
VE2FK 327 2 10 1,408 QC  
USS Jurassic ARC  
K8SSJ 102 2 12 1,402 OH  
EM-TE-EMRS  
W6SRS 396 2 3 1,392 SJV  
Royal Gorge ARC  
NC0A 264 2 7 1,356 CO  
MONROE ARC  
WZ4V 500 2 11 1,350 TN  
Mayerthorpe Flying Tigers  
VE6FT 574 1 10 1,348 AB  
VA3HR 167 2 8 1,332 ON  
BARG  
VE3LSC 301 2 7 1,332 ON  
Alberta Clippers  
VE6EX 245 2 5 1,330 AB  
KH6RS 923 1 15 1,328 PAC  
Utica ARC Inc  
K2IQ 440 2 6 1,302 WNY  
Lake of the Woods ARS  
VE3JUF 380 2 10 1,294 ON  
Fayette ARA  
K8FAY 400 2 8 1,266 OH  
NG11 236 2 10 1,244 WMA  
Bryan ARC  
W5DZ 336 2 25 1,242 STX  
River Cities ARA  
K4K 180 2 12 1,236 KY  
AB4CZ 417 2 4 1,228 VA  
South Texas DX  
N5LYG 249 2 4 1,222 STX  
Flathead Valley ARC  
K7LYY 325 2 30 1,220 MT  
Arkansas Radio Em Service  
N5AT 355 2 33 1,210 AR  
Butte ARC  
W7FO 598 1 10 1,207 MT  
VE4PAR 512 2 18 1,194 MB  
Anderson-Butler Family Hams  
W7B 471 2 4 1,192 ID  
Southern Plains AR Klub  
W0KKS 439 2 14 1,178 KS  
ST John ARC  
KP2SJ 254 2 12 1,166 VI  
Phillips ARC  
W8DDD 214 2 4 1,164 OH  
Woodchuck ARC  
KC8KLU 77 2 23 1,104 OH  
Southern AZ Dxpeditioneers  
KB7XL 313 2 5 1,092 AZ  
Edisto ARC  
AD4U 236 2 34 1,090 SC  
Reno CTY Kansas ARA  
W0WR 239 2 22 1,084 KS  
Outer Banks Repeater Assn  
W4PCN 207 2 6 1,064 NC  
Brookville ARC  
VA3BRC 162 2 8 1,034 ON  
Arctic ARC  
KL7KC 313 1 22 1,028 AK  
Smoky Mountains AR Team  
N4GSM 264 2 4 998 NC  
W3ZIC 152 2 10 978 WPA  
Alameda CTY Sheriff's Communications Team  
W6VOM 208 2 11 958 EB  
Amherstburg RC  
VA3ARG 147 2 10 944 ON  
Anaconda Amateur RC  
W7VNE 246 2 6 942 MT  
Tri-State ARC  
AB0GL 140 2 15 930 NE  
VE5LM 234 2 7 896 SK  
N9VC 277 2 8 888 WI  
Elijah ARS  
NB8N 185 2 11 868 GA  
W4NRV 180 2 8 854 VA  
K5EPH 201 2 16 852 NTX  
Heart of TX Ham Operators Group  
WA5HOT 150 2 9 850 STX

Chaparral ARS  
W6MV 204 2 12 832 SB  
K16ZX 113 2 9 830 SV  
AA3TL 130 2 3 826 EPA  
Bitterroot ARC  
W7FTX 268 2 15 806 MT  
RASON  
W4NPS 248 2 4 796 VA  
Loyalist City ARC  
VE9LC 208 2 15 790 MAR  
Sandoval CTY ARES  
W5SCA 53 2 10 756 NM  
Washington ARC  
WB5ERM 200 2 9 754 LA  
WB6RER (+W7CML)  
91 2 9 752 AZ  
AA4VO 102 2 30 734 KY  
Comstock ARA  
W7FD 306 2 3 712 SJV  
KG4ZUO 304 2 3 708 OH  
Parma RC  
W8PPRC 151 2 3 702 OH  
Achison Co AR Service & Jackson ARS  
K0HK 157 2 7 674 KS  
Georgian Bay ARC  
VE3OSR 201 2 18 672 ON  
K7AUO 256 2 3 662 WWA  
Englewood ARA  
W2RJ/2 141 2 4 662 NJJ  
Lake Holbrook FD Club  
NG5G 106 2 4 662 NTX  
Prairie Dog ARC  
W0QJY 161 2 18 630 SD  
Ogdensburg ARC  
K2RUK 110 2 9 620 NNY  
Hastings ARC  
W0WVV 148 2 10 612 NE  
Tuscarora ARA  
K3SRZ 200 2 4 590 EPA  
N4OJT 211 2 3 578 KY  
VE3TAZ 124 2 4 576 ON  
Trenton ARC  
VE3YTR 128 2 14 558 ON  
Hickory Corners Engineering Society  
W8JGA 174 2 4 548 MI  
Wedixie ARC  
WB4MZO 34 2 7 536 GA  
ARINC ARC  
W3ZH 40 2 4 530 MDC  
Northeast Arkansas RC  
K5NEA 9 2 10 468 AR  
Possum Hollow Rednecks  
WD8MQN126 2 3 392 VA  
Loma Prieta ARC  
AB6VS 16 2 8 382 SCV  
Manhattan Area ARS  
K0UHF 110 2 10 370 KS  
The Mountain Gang  
KB2HAP 96 2 3 362 ENY  
Watertown ARC  
N9HR 82 2 18 352 WI  
Steve Sawyer  
W0AXT 24 2 6 338 IA  
Westcumb ARC  
VE1WRC 140 2 15 330 MAR  
NKDXE  
WD4EVB 56 2 3 312 KY  
Conneaut ARC  
W8BHZ 87 2 10 274 OH  
Drumheller Family  
K3WQ 33 2 17 242 VA  
Radio Free Gainsville  
KK5CT 66 2 3 232 NTX  
SERL  
W8LBZ 51 2 11 202 OH  
SEL  
W8Z 45 2 11 190 OH  
KC8DJS 9 2 4 90 OH

### 1A Commercial

N5AC 195 2 5 976 MT  
Downey ARC  
W6TOI 267 2 8 754 LAX  
Roseland ARC  
K2GQ 188 2 8 640 NNJ  
Englewood ARA  
W2RJ 141 2 4 612 NNJ

### 2A Battery

Colorado QRP CLUB  
W0CCQ (+K0FEI)  
1286 5 8 13,160 CO  
QCWA Ch-17  
W3GS (+W3LR)  
828 5 7 6,735 EPA  
W0WNR (+K4PAT)  
600 5 14 5,860 MO  
Walton RA  
W2LZ (+WA2IAX)  
487 5 8 5,190 WNY  
N1QS 634 5 22 5,125 VT  
Tommy Atkinson Memorial Field Day Club  
W4RRW 456 5 5 4,810 GA  
Western KY DX Assn  
K4CMS 544 5 4 4,510 TN

Franklin CTY ARC  
AC1L 288 5 30 3,620 WMA  
N4RE 320 5 3 3,500 NC  
MN-QRP/SCVRA  
K0CD 260 5 10 3,160 WI  
Silver Comet ARS  
W4RSC (+W4WRO)  
253 5 28 3,110 GA  
Houston QRP Club  
W5MSQ 307 5 12 3,035 STX  
Open Repeater Group  
W6MW 346 5 60 2,890 LAX  
Stamford ARA  
W1EE (+K1FC)  
218 5 31 2,760 CT  
Barstow ARC  
WA6TST (+K6IH)  
250 5 20 2,695 ORG  
Marconi ARC of Newfoundland Incorporated  
VO1MRC 168 5 4 2,525 NL  
Every Amateur's Radio Society  
K0EAR 193 5 6 2,135 MO  
Suburban Technical AR System  
W9SRC 159 5 7 2,105 IL  
North Country ARC  
W2LCA 163 5 5 2,100 NNY  
North DeKalb QRP Club  
K4KAC 138 5 5 1,625 AL  
The Head Lake Group  
VE3LM 238 5 4 1,340 ON

### 2A

Radio Amateurs of Northern Vermont  
W1NVT (+W1PU)  
4643 2 22 13,858 VT  
Hoosier DX & Contest Club  
KJ9D (+WN9O)  
3242 2 19 12,676 IN  
Raytown ARC  
K0GQ (+K0DCL)  
3450 2 18 12,474 MO  
Buckhead Contest Club  
W4KJ (+W4TE)  
3701 2 8 12,462 GA  
Redwood Empire DX Assn  
W6KB (+N6CT)  
3948 2 30 11,890 SF  
Utah DX Assn  
K7UM (+K7XV)  
3934 2 22 11,738 UT  
Sussex CTY ARC Inc  
W2LV (+K2BM)  
2802 2 14 10,700 NNJ  
JPL ARC/Caltech ARC  
W6VIO (+W6LJE)  
3193 2 30 10,350 LAX  
MNDX  
N0FP (+K0TO)  
2984 2 12 10,152 MN  
Randallstown ARC  
N3IC (+K3AN)  
2914 2 16 9,826 MDC  
Decatur ARC  
W4ATD (+KB4CAY)  
3155 2 19 9,518 AL  
Minnesota Wireless Assn  
W0AA (+K0IE)  
2274 2 12 9,490 MN  
Mother Lode DX and Contest Club  
K6AO (+WB6GEF)  
2846 2 11 9,432 SV  
Schaumburg ARC  
N9RJV (+A9JON)  
2571 2 40 9,206 IL  
Canton ARC  
W8AL (+NX8J)  
2384 2 71 9,206 OH  
VE3ZI (+VE3BEK)  
2206 2 8 9,046 ON  
Cape Fear ARS  
K4MN (+KG4KMV)  
2738 2 29 8,788 NC  
Falmouth ARA  
K1RK (+K1AIR)  
2363 2 31 8,726 EMA  
Flying Iguana Contest Group  
N9QX (+K9IZ)  
2137 2 9 8,438 IN  
Massanutten and Valley ARA  
W4XD (+KD4UPL)  
2541 2 79 8,436 VA  
MBARC/BARS  
W1ON (+N1HY)  
2117 2 26 8,434 EMA  
Halifax ARC  
VE1FO (+VE1YVN)  
2166 2 48 7,744 MAR  
Sakonnet 49'ers  
KD1MW (+W1LY)  
2144 2 21 7,694 RI  
Fond du Lac ARC  
W9W (+W9EBV)  
1967 2 25 7,516 WI  
Stones River ARC  
K4FUN (+K4CM)  
1705 2 24 7,468 TN

Harris RF Communications ARC  
W2RFC 1894 2 8 7,458 WNY  
NARS/TDXS  
W5NC (+K5DX)  
2284 2 57 7,422 STX  
Motor City RC  
W8MRM (+KD8DUJ)  
2168 2 55 7,420 MI  
Northern Ohio DX Assn  
W8DXA 2290 2 25 7,316 OH  
McMinn CTY ARC  
NA4K (+K4BP)  
1955 2 25 7,204 TN  
Fidelity ARC  
K1KT (+W1WM)  
2108 2 17 7,136 RI  
North East Tarrant ARC  
N5EOC (+K5JFD)  
1735 2 25 7,074 NTX  
Richmond Amateur Telecommunications Society  
W4RAT (+K14DX)  
2258 2 32 7,010 VA  
Oregon High Desert Contest Club  
K7AW 1800 2 3 6,988 WWA  
Lafayette DX Assn  
W9LDX (+WR9A)  
2152 2 13 6,964 IN  
CARS  
K4M 1917 2 18 6,940 NC  
Minden ARA  
N5NDR (+K5KBP)  
2213 2 26 6,906 LA  
AR Klub of the Arkansas Northwest  
AA5AR (+K5KII)  
1708 2 41 6,804 AR  
Magnolia DX Assn  
K5MDX (+W5NO)  
1955 2 19 6,788 MS  
Smith Chart ARS  
K4OO (+N0BPL)  
1496 2 15 6,778 NC  
Eastern MI ARC & TAC  
K8EPV (+K8FGL)  
1472 2 12 6,742 MI  
Tampa ARC  
N4TP (+W4DUG)  
1829 2 24 6,570 WCF  
W/K ARC OF Greater Milwaukee  
N9AW (+K9BNOA)  
1652 2 14 6,566 WI  
N4PY (+N2PY)  
1506 2 5 6,486 NC  
K7ZS (+KD7UWI)  
1960 2 7 6,336 OR  
OKDXA Group  
K2BA 1548 2 3 6,270 OK  
New Providence ARC  
N2XJ (+K2AL)  
1905 2 50 6,266 NNJ  
Reelfoot ARC  
K4RFT (+N4MJ)  
1328 2 12 6,180 TN  
K7SDX (+K7ID)  
1656 2 31 6,140 ID  
Acadia ARA INC  
W5DDL (+K5VDUJ)  
1393 2 61 6,120 LA  
SARA - Saratoga ARA  
K6SA (+K6NN)  
1690 2 13 6,086 SCV  
Mid Missouri ARC  
N0SS (+N0EAX)  
1478 2 20 6,036 MO  
Twin City FM Club  
W0EF (+WG0G)  
1500 2 50 6,022 MN  
Madera CTY ARC  
W6A (+N6FOG)  
1562 2 54 6,002 SJV  
Metro DX Club  
W9TY 1570 2 13 5,914 IL  
OCARS  
W8TNO 2278 2 15 5,892 MI  
Tennessee Valley DX Assn  
W4PL (+N4LT)  
1783 2 37 5,886 GA  
Powered by BBQ  
K5PI 1737 2 5 5,816 STX  
Koolal ARC and Emergency ARC  
KH6J (+KH7Q)  
1356 2 35 5,740 PAC  
Arkansas River Valley AR Foundation  
K5PXP (+N2WV)  
1455 2 20 5,740 AR  
Mountaineer ARA  
W8SP 1495 2 25 5,706 WV  
St Louis ARC  
K0LIR (+K0KP)  
1765 2 20 5,660 MO  
KH-KY-IN ARS  
O8SCH (+N8AA)  
1575 2 28 5,654 OH  
BSA Explorer Post 599  
WA2DFI (+W7BSA)  
1640 2 14 5,606 AZ  
Mile High DX Assn  
K0AB 1618 2 15 5,578 CO

Meriden ARC W1NRG (+N1GNV) 1354 2 255,556 CT	C3I AR Group AC4XQ (+WJ4N) 877 2 35 4,134 SFL	Tri-CTY ARC W9MQB (+K9LO) 707 2 15 3,174 WI	Robeson CTY ARS W4LBT 448 2 10 2,458 NC
Harris Intersil ARC K4HRS (+W4HXP) 1585 2 20 5,554 SFL	Hancock ARC W9ATG (+N9TT) 931 2 39 4,094 IN	St Clair ARC K9GXU 795 2 19 3,138 IL	ARC Hohenwald K4TTC (+AG4XG) 521 2 41 2,442 TN
Green River Valley ARS K9WMM (+N9CDX) 1397 2 27 5,494 IL	Philips ARC W1HP 1359 2 14 4,090 EMA	Bloomington ARC W9INL (+K9SOU) 561 2 59 3,112 IN	Waltham ARA W1MHL (+N1HID) 597 2 8 2,432 NH
Escondido ARS N6SD (+N6WB) 1520 2 35 5,388 SDG	Cedar Valley ARC W0GQ (+AA0II) 1054 2 20 4,056 IA	Blossomland ARA W8MAI (+W8KIT) 800 2 30 3,106 MI	Benzie AR Friends W8BNZ 635 2 39 2,428 MI
FRESNO ARC W6TO (+W6PSQ) 1348 2 25 5,380 SJV	Arrowhead Radio Amateur Club W0GKP (+KC0NFB) 1052 2 26 4,034 MN	Goddard ARC W3NAN (+W3ZKI) 801 2 21 3,092 MDC	Olive Branch ARC W5OBM 622 2 30 2,406 MS
Southwest Ohio DX Assn N8A (+N8B) 1426 2 8 5,328 OH	Boulder ARC W0DK 1242 2 10 3,996 CO	Golden Triangle Amateur RC W6GTR (+NU6E) 669 2 11 3,082 ORG	Sand Hills ARC W0MI 646 2 13 2,392 KS
W9FK 1534 2 15 5,266 WI	Grand Rapids ARA W8DC (+N8DGD) 1036 2 40 3,978 MI	Long Island Mobile ARC W2VL 746 2 80 3,040 NLI	Douglas CTY ARC W0UK (+N0TFU) 757 2 55 2,364 KS
Palos Verdes ARC K6PV (+K6SY) 1387 2 40 5,242 LAX	Kent CTY ARC W3HZW (+KE3UY) 1085 2 28 3,954 DE	Stockton-Delta ARC W6SF (+W6BNVB) 1025 2 24 3,030 SJV	Wayne ARC N8IW 472 2 10 2,358 OH
Nashoba Valley ARC N1NC (+AB1GA) 1375 2 24 5,202 EMA	W7RDR (+KB7PL) 878 2 11 3,950 WWA	Michigan AR Alliance W8USA 741 2 14 3,000 MI	Radio Central ARC W2RC (+W2RIA) 513 2 18 2,356 NLI
ARC of Parker CTY W5PC 1363 2 14 5,174 NTX	Springhill ARC N5II 888 2 8 3,876 LA	Hewlett-Packard Boise ARC AB7HP (+KD7KKC) 808 2 28 2,998 ID	Wall Ridge Group KK7UF (+KK7WD) 567 2 7 2,342 EWA
Eastern Panhandle ARC K8EP (+K8GUN) 1475 2 23 5,170 WV	Trojan ARC W0WOB (+K0CVY) 687 2 19 3,876 KS	Hidden Valleys ARC & UW-Platteville ARC KC9KQ 620 2 25 2,998 WI	Green Bay Mike & Key Club K9EAM 664 2 14 2,328 WI
W5GIX (+K5LSU) 1244 2 40 5,158 LA	Tupelo ARC KK5K (+KD5NSP) 1315 2 20 3,824 MS	Penn-Mar RC W3MUM 743 2 12 2,988 EPA	Nittany ARC W3YA 741 2 4 2,328 WPA
Santa Barbara ARC K6TZ 1414 2 20 5,130 SB	Tower Group K7VU 819 2 4 3,796 WY	Valencia CTY ARA K5OUR (+KC5OUR) 550 2 95 2,978 NM	Tyler ARC K5TYR (+W5ETX) 724 2 65 2,326 NTX
Monroe CTY Radio Comm Assn W8PI (+W8DWL) 1312 2 13 5,088 MI	Howell Cty ARC W0HCA 742 2 14 3,794 MO	EPCOM VE7PCE (+VA7PCE) 982 2 25 2,932 BC	North Carolina Contest Group K4KQ (+K4G4W) 536 2 12 2,324 NC
Candlewood ARA W1QI 1423 2 25 5,062 CT	Pottstown Area ARC K3ZMC 1065 2 16 3,788 EPA	Chehalem Mountain Contest Club NN7OR 1076 2 5 2,922 OR	Hospital Disaster Support Communications System K6EW (+WA6OPS) 526 2 51 2,312 ORG
Lynchburg ARC K4CQ (+K4IBH) 1361 2 50 5,054 VA	Tri-CTY ARC W8YEK 1477 2 15 3,786 OH	Indianapolis Radio League W9VW 995 2 4 2,902 NM	Santa Fe Trail ARC KS0KS (+K10KH) 311 2 28 2,304 KS
WCARC - Williamson CTY ARC N5TT (+W5CT) 1151 2 34 5,048 STX	Ashe CTY ARC W4FD (+W4YSB) 749 2 30 3,766 NC	Susquehanna Valley ARC W3VPJ (+AB3AX)6122 20 2,882 EPA	Old Post ARS W9EOC 827 2 24 2,298 IN
550 DX Club K4TDP (+AB4DN) 1284 2 6 5,008 AL	Gallatin Ham RC W7ED 1141 2 21 3,754 MT	Southtowns ARS WB2ELW 690 2 24 2,878 WNY	Straits Area ARC W8GQN (+KD8CNS) 04 2 10 2,268 MI
Montrose ARC K0IIT (+K10KY) 1732 2 46 4,992 CO	VE3RC 771 2 25 3,740 ON	Edmond ARS K5EOK 664 2 45 2,840 OK	MARC KK5I (+K5ZEP) 783 2 10 2,264 OK
Souris Valley Amateur Radio Club K0AJW (+K0RHS) 1299 2 25 4,990 ND	Tar River ARC K4B (+W4DCG) 1148 2 15 3,650 NC	Horned Toad Acres Wireless Assn N7KQ (+K7AWA) 868 2 14 2,818 AZ	W6YL 560 2 7 2,264 SCV
Austin ARC W5KA (+K5LBJ) 1191 2 50 4,982 STX	LARC-FARL K8UTT 1063 2 30 3,632 MI	Crown AR Group W3RP 852 2 3 2,762 WPA	Middlesex AR Group AD4RG 453 2 8 2,256 VA
Fort Madison ARC WF0RT (+NW0X) 1222 2 14 4,948 IA	Lake CTY ASSOC/ARES N4FLA 709 2 32 3,584 NFL	Oklahoma City Autopatch Assn W5MEL 564 2 27 2,754 OK	Mesilla Valley RC N5BL (+N5PK) 449 2 25 2,248 NM
W0ERH (+W0DEW) 1486 2 47 4,914 KS	Blackford Amateurs AA9Z 912 2 9 3,570 IN	Irvine Disaster EMCComs N6IPD (+K6NL) 591 2 44 2,752 ORG	Johnson City ARA W4ABR 424 2 25 2,220 TN
Central Oregon DX Club N7LE (+W7CTA) 1200 2 13 4,902 OR	Xerox ARC WW2J 839 2 11 3,556 WNY	Mich-A-Con ARC KC8VC (+N8LT) 543 2 12 2,726 MI	Mid-Atlantic ARC W3NWA 525 2 19 2,220 EPA
Massillon ARC W8NP (+KD8ACF) 1210 2 25 4,872 OH	Carbon ARC W3HA 777 2 6 3,554 EPA	Northwest Texas ARC WA5CSF 970 2 13 2,710 WTX	K7SAM 509 2 4 2,220 MT
South Georgian Bay West Simcoe ARES VE3SGB (+VE3UGB) 1829 2 18 4,848 ON	Kawartha AR Group VE3KRG 817 2 21 3,546 ON	Central Michigan ARC W8MAA (+KC8QZB) 668 2 18 2,702 MI	Irving ARC N5BB (+WA5CKF) 539 2 32 2,216 NTX
TriState ARS W9OG (+WA9C) 1289 2 32 4,832 IN	Emerg Comm Svc ARC WB2QBP1096 2 27 3,542 NLI	South East ARC N8TZ (+K8EMY) 455 2 14 2,212 OH	Doers ARC of Ste Genevieve MO K0QOD (+NR9A) 589 2 10 2,212 MO
Montgomery ARC W4AP (+A14KN) 1211 2 62 4,832 AL	Heartland DX Assn NI0DX 906 2 7 3,534 NE	Doers ARC of Ste Genevieve MO K0QOD (+NR9A) 589 2 10 2,212 MO	Radio Operators Of South Texas W5ROS 784 2 15 2,210 STX
W5ZN 1203 2 20 4,778 AR	Sierra Blanca ARC KR5NM (+K5RIC) 586 2 16 3,462 NM	Neptune ARC W2NRC 405 2 42 2,192 NNJ	Wilderness Road ARC WN4E (+WD4DZC) 572 2 32 2,188 KY
MARCA W7MOT 1550 2 18 4,664 AZ	FORSYTH ARC W4NC (+W4WS) 1122 2 80 3,450 NC	Green Valley ARC N7GV 490 2 33 2,176 AZ	SWLARC W5BII (+W5GAP) 565 2 26 2,174 LA
Lake CTY ARC / RACES W9LJ (+W9EMA) 1153 2 23 4,634 IN	SCCARA W6UW (+W6UU) 948 2 15 3,438 SCV	SWLARC W5BII (+W5GAP) 565 2 26 2,174 LA	The Villages ARC K4VRC (+K14DYE) 526 2 16 2,164 NFL
Anderson ARC N4AW (+N4MHG) 1216 2 20 4,630 SC	Northeast Wyoming ARA NE7WY (+KE7HNK) 913 2 14 3,418 WY	Temple ARC W5LM (+W5T) 617 2 12 2,608 NTX	Los Alamos ARC W5PDO (+WD5JRO) 558 2 40 2,160 NM
Trident ARC W4ANK (+N4EE) 1158 2 19 4,516 SC	Harrisburg Radio Amateurs' Club W3UU 806 2 25 3,400 EPA	Elko ARC W7V (+W7LKO) 601 2 14 2,600 NV	North Port ARC W4NPT (+K4WXE) 549 2 10 2,154 WCF
YORK RC W9PCS (+K9ISR) 1280 2 24 4,510 IL	Foothills ARS K6YA 772 2 35 3,400 SCV	Northrop Grumman RC N6PA 811 2 12 2,586 LAX	Southern Oregon ARC K7LIX (+WM7K)567 2 30 2,148 OR
Lakes Region Repeater Assn W1BST 1506 2 13 4,384 NH	Blue Ridge ARC W4YK 719 2 42 3,338 NC	Algoma ARC VE3SOO 640 2 12 2,580 ON	Thompson River ARC VA7TRS 307 2 19 2,138 BC
Lanark North Leeds ARES & West Carleton ARC VE3LCA 1059 2 34 4,324 ON	Vashon-Maury Island RC W7VMI (+W7PDZ) 670 2 26 3,332 WWA	K2PUT (+K2PC) 656 2 33 2,578 ENY	Cass CTY ARC W9VMW (+N9PMW) 486 2 55 2,136 IN
PPRAA & MARC AF0S (+NX0G) 1257 2 61 4,274 CO	Guilford CTY ARES NA4GC (+WA4DLF) 819 2 30 3,268 NC	Lakeland ARC K4LKL (+N3TJ) 476 2 14 2,560 WCF	Table Mtn Boys AC7MA 485 2 3 2,134 EWA
Providence RA W1OP 1417 2 18 4,266 RI	Ellsworth Amateur Wireless Assn W1TU (+KA1BFA) 716 2 14 3,236 ME	Tusco RC W8ZX 574 2 23 2,504 OH	St Clair ARES K4SCC (+K4SBM) 654 2 38 2,108 AL
Heart O' Texas ARC W5ZDN (+W5TSA) 1129 2 25 4,264 NTX	EPARA/PARK N3IS (+W9OKA) 579 2 23 3,230 EPA	Easter Shore ARC K4BW 580 2 30 2,496 VA	Zero Beaters ARC WA0FYA 737 2 15 2,102 MO
San Mateo RC W6UQ 1148 2 18 4,188 SCV	upper peninsula dx and contest club NV8N 1480 2 5 3,230 MI	Yonkers ARC W2YRC (+NS2M) 564 2 32 2,482 ENY	
	Quinte ARC & Prince Edward RC VE3RL (+VA3PEC) 807 2 15 3,224 ON	Albemarle ARC W4DO 945 2 20 2,480 VA	
	DLARC W3OK (+WV1B) 1047 2 30 3,186 EPA	PART of Westford MA KD1D (+WB1GOF) 575 2 35 2,478 EMA	
	Richmond ARC VE7RAR (+VE7QRM) 467 2 25 3,178 BC	EMCOMS Assn of St Charles Co W0ECA (+N0PNP) 546 2 15 2,462 MO	



Fullerton RC  
W6ULI 73 2 7 546 ORG  
Radio Amateur Society of Norwich  
N1NW 139 2 6 534 CT  
Maple Ridge ARC  
VE7CML 143 2 8 486 BC  
Jolly Ruger  
KC8IMB 65 2 4 480 OH  
Hall of Science ARC  
WB2JSM 153 2 10 456 NLI  
955 Group  
N3D 16 2 10 424 DE  
Baccalieu AR Klub  
VO1BRK 61 2 7 422 MAR  
Tonto ARA  
N7TAR 97 2 16 414 AZ  
Estero RC  
W6JU 78 2 7 408 SB  
Ak-Sar-Ben ARC  
K0USA 34 2 4 406 NE  
Nantucket ARA  
N1NBQ 39 2 7 402 EMA  
University ARC  
N7UW 75 2 21 400 WY  
Lower Yellow Stone ARC  
W7DXQ 72 1 5 372 MT  
Texas Repeater System  
W5TRS 134 2 5 324 NTX  
Delaware Valley Ragchew Club  
N2HQX 53 2 10 306 SNJ  
N0M 130 2 14 272 MN

### 2A Commercial

Gratiot City ARA  
W8AWE 484 2 14 2,010 MI  
Noble Co Repeater Group  
KL7MA 750 2 11 2,000 OK  
Brazosport ARC  
N5KAE 379 2 15 1,286 STX  
Desoto ARC  
W4MIN 197 2 20 1,042 WCF  
Reno QRP Group  
W7FST 126 2 6 754 NV  
W1NPP 155 1 10 247 ME  
Floyd City ARC  
K14KQH 94 2 10 228 GA  
AR Public Service Assn  
AE8K 75 1 3 75 MI  
KJ0T 58 1 10 58 CO

### 3A Battery

Zuni Loop Mountain Expeditionary Force  
N6GA 586 5 5 6,205 LAX  
Flying Pigs QRP Club International  
W8PIG (+G8IFF)  
540 5 19 5,105 OH  
Eastern Pennsylvania QRP Club  
N3EPA 546 5 15 4,390 EPA  
Scenic City ARS  
W4SCA 349 5 31 2,975 TN  
QCWA 162 - SE WIS  
K9AKG 124 5 22 1,895 WI  
Summit ARC  
WA3N 316 5 3 1,880 MDC  
Orange CTY ARES (Florida)  
W4MCO 47 5 22 1,020 NFL

### 3A

CorTek RA  
W9CA (+N9GY)  
4946 2 22 18,142 IL  
Rochester (NY) DX Assn  
W2RDX (+W2AN)  
3261 2 19 12,546 WNY  
Kennebec CTY ARES Team  
NT1N (+K1XI)  
3929 2 67 12,082 ME  
Eastern AZ ARS Inc  
K7EAR (+N7GP)  
2703 2 15 10,372 AZ  
Southwest Dallas CTY ARC  
W5AUJ (+W5WB)  
2495 2 78 10,254 NTX  
Old Barney ARC  
N2OB (+N2CW)  
2964 2 40 9,672 SNJ  
North Shore RC  
K9OR (+K9RST)  
2705 2 75 9,486 IL  
Greater Norwalk ARC  
N1EV (+W1NLK)  
2677 2 25 9,398 CT  
Palo Alto ARA  
W6ARA (+K6OTA)  
2197 2 95 8,644 SCV  
The Minutemen  
N8OS 2674 2 5 7,606 MI  
Big Bend ARC  
K5FD (+W5ATO)  
2053 2 15 7,430 WTX  
Medina 2 Meter Group  
W8EOC (+W8MFU)  
2011 2 32 7,272 OH

Kishwaukee ARC  
WA9CJN (+KG7EV)  
1855 2 14 7,200 IL  
Albany ARA  
K2CT 2117 2 53 7,152 ENY  
St Paul RC/Mining ARC  
W0MR (+K0AGF)  
2006 2 44 6,946 MN  
Michiana ARC  
W9AB (+W9BOE)  
1854 2 33 6,836 IN  
Newton and Hesston College ARCs  
N0NK (+K0HC)  
1812 2 29 6,752 KS  
Twin Cities Repeater Club  
W0BU (+KC0DMF)  
1705 2 64 6,582 MN  
Stonewall Jackson ARA  
K8DF 2109 2 23 6,572 WV  
Southern Vermont ARC  
K1SV (+WT1B)  
2333 2 30 6,412 VT  
McKinney ARC  
W5MRC (+K5EEN)  
1599 2 92 6,320 NTX  
Lincoln ARC  
K0KKV (+WD0EGK)  
1862 2 90 6,148 NE  
Davis CTY ARC  
K7DAV (+N7CN)  
1672 2 75 6,074 UT  
South Orange ARA  
K6SOA (+K6WO)  
1409 2 54 6,056 ORG  
South Canadian ARS  
W5NOR 1537 2 61 5,960 OK  
Western Washington DX Club  
W7DX 1604 2 16 5,952 WWA  
Kanawha ARC  
W8GK (+W8FG)  
1715 2 26 5,908 WV  
Lockheed Martin Recreation Assn RC  
W5IU 1423 2 44 5,588 NTX  
Jupiter - Tequesta Repeater Group  
WY5I (+AG4BV)  
1550 2 19 5,564 SFL  
Sterling Park ARC  
K4NVA (+K4LDT)  
1327 2 14 5,554 VA  
Sioux Empire ARC  
W0ZWY (+W0FSD)  
1421 2 15 5,136 SD  
Regina ARA  
VE5NN 1483 2 20 5,046 SK  
Hernando CTY ARA  
K4BKV 964 2 43 5,022 NFL  
Paducah ARA  
W4NJA (+K14GKW)  
1486 2 18 4,906 KY  
Stillwater ARA  
W0JH (+K0WCA)  
1140 2 30 4,904 WI  
NASSAU ARC  
K2VN 1090 2 21 4,902 NLI  
Goshen ARC  
K9WJU (+K9TSM)  
1062 2 60 4,876 IN  
Alliance ARC  
W8LKY (+AB8KV)  
1381 2 22 4,810 OH  
Valley RC of Oregon DX SIG  
K7EB 1369 2 8 4,618 OR  
Shreveport ARA  
K5SL (+K5SAR)  
1185 2 53 4,546 LA  
North Franklin ARS  
NF2AR 1092 2 10 4,542 NNY  
Dial ARC / Butler Co VHF  
K8PI 1210 2 56 4,526 OH  
Dial ARC / Butler Co VHF  
K9PI 1210 2 56 4,526 OH  
Oxford CTY ARES  
W1OCA 1034 2 36 4,478 ME  
Historical Electronics Museum ARC  
W3HEM (+KB3NHQ)  
773 2 15 4,436 MDC  
Livermore AR Klub  
N6A (+N6LMX)  
1179 2 36 4,396 EB  
No Arizona DX Assn  
W7TB 1105 2 11 4,348 AZ  
San Andreas Faultline Survivors  
W6SW (+WQ6X)  
1255 2 15 4,318 SJV  
North Shore RA  
NS1RA 985 2 35 4,308 EMA  
Central Missouri RA  
K0SI 961 2 30 4,214 MO  
NEKSUN / KVARC  
K0HAM (+W0CET)  
913 2 43 4,180 KS  
Troy ARA  
N2TY (+KS2O)  
1396 2 43 4,162 ENY  
East Bay ARC  
W6CUS (+AA6XZ)  
999 2 25 4,158 EB

Zamora Shrine RC  
W4ZHR (+K4HAL)  
1133 2 22 4,142 AL  
The Albemarle ARS  
NC4EC 1192 2 30 4,112 NC  
New York City Transit ARC  
K2IRT 1310 2 15 4,096 NLI  
GNARC  
W6AW 1032 2 15 4,036 SV  
W4NLX 859 2 19 4,014 SFL  
Six Meter Club of Chicago Inc  
K9ONA 1058 2 19 4,004 IL  
San Fernando Valley ARC  
W6SD (+K6KLP)  
999 2 75 3,966 LAX  
EFFECT/ECARC  
K8VE (+WABWPI)  
1093 2 15 3,880 MI  
Fox Cities ARC Inc  
W9ZL 796 2 55 3,824 WI  
Mount Magazine ARC  
W5MAG (+KD5NDJ)  
1210 2 12 3,790 AR  
Charleston ARS Inc  
WA4USN1006 2 33 3,768 SC  
Splitrock ARA  
K2RF 1233 2 30 3,766 NJJ  
Test Club  
WA7BNM (+TE5T)  
950 2 5 3,750 LAX  
Brandon ARS  
K4TN (+K4MMR)  
879 2 34 3,746 WCF  
Wireless Assn of South Hills  
N3SH 1005 2 15 3,742 WPA  
Monessen ARC  
W3CSL 1171 2 20 3,680 WPA  
Milford ARC  
W8YDK 1214 2 60 3,624 MI  
Hamfesters RC  
W9AA 1046 2 21 3,604 IL  
Warrensburg Area ARC  
W0AU (+N3QD)  
986 2 25 3,584 MO  
CRES ARC  
W8ZPF 1113 2 22 3,576 OH  
Northwest Illinois ARC  
N9WN (+K9PAG)  
802 2 16 3,556 IL  
Hamilton ARC  
VE3DC 1165 2 29 3,544 ON  
Columbus ARC  
W4CVY (+WX4RUS)  
646 2 64 3,466 GA  
Dickson CTY ARC  
WC4DC (+NY4N)  
704 2 7 3,408 TN  
Aero ARC/BRATS  
W3PGA (+AE3RO)  
722 2 32 3,388 MDC  
Peconic ARC  
W2AMC 900 2 35 3,380 NLI  
Jefferson CTY ARC  
W7JCR (+N7PL)  
551 2 54 3,318 WVA  
W19MRC (+K9IZV)  
771 2 16 3,288 WI  
Chain O' Lakes ARC  
W8COL 839 2 12 3,286 MI  
Gaston CTY ARS Inc  
N4GAS 750 2 34 3,248 NC  
North Ottawa ARC  
W8CSO (+KD8ATU)  
759 2 52 3,208 MI  
South Lyon Area ARC  
N8SL 835 2 11 3,188 MI  
Bristol CTY Repeater Assn  
W1ACT 812 2 6 3,158 EMA  
W7OTV (+W6ABM)  
641 2 52 3,152 OR  
Surrey ARC  
VE7SAR 908 2 14 3,136 BC  
Kennehoche ARC  
W4BT1 691 2 31 3,100 GA  
Red Ryder  
KB8T1 1160 2 10 3,094 MI  
Eastern Connecticut ARA  
K1MUJ (+K1VSC)  
765 2 22 3,086 CT  
Tri CTY ARC  
WC5C 589 2 18 3,078 NTX  
Fox ARC  
NOGF (+W0JXT)  
603 2 19 3,066 ND  
South Texas ARC  
N5CRP (+KY5V)  
609 2 35 3,062 STX  
Pine Mountain DX Rangers  
K4PMR 762 2 5 3,044 GA  
SCARA Southern Counties ARA  
K2BR 700 2 22 3,038 SNJ  
W0ALX (+W0BTS)  
472 2 15 2,984 MN  
Bristol ARC  
W4UD 892 2 30 2,960 TN

Dr X's Stone Knives and Bear Skins Field Day  
Party # 2  
W5R (+K5TIT)  
970 2 51 2,860 NTX  
K5ARC 650 2 21 2,852 LA  
BEARS of Seattle  
K7NWS (+N7XTL)  
563 2 24 2,850 WWA  
Lake Erie ARA  
WB8CQR 583 2 16 2,832 OH  
Yucaipa Valley ARC  
K6YRC 642 2 40 2,826 ORG  
Cumberland Valley ARC  
W3ACH 629 2 18 2,810 WPA  
Bellevue ARC  
W0WYV 649 2 18 2,804 NE  
Milford ARC  
W8MRC 752 2 17 2,802 OH  
Ashtabula Co ARC  
K8CY 757 2 19 2,790 OH  
Silvercreek ARA  
W8WYK 892 2 10 2,790 OH  
N9OI (+KB9RDS)  
1019 2 27 2,766 IN  
Mecklenburg ARS  
W4BFB 625 2 55 2,754 NC  
W6JAM 866 2 8 2,722 SDG  
Auburn University ARC  
K4RY (+N4CBK)  
697 2 10 2,658 AL  
AG0J 547 2 29 2,646 MO  
West Palm / Palms West  
W4SS (+K9EE)  
725 2 30 2,642 SFL  
XWARN  
W8FRN 568 2 60 2,632 OH  
Nacogdoches ARC  
W5NAC 797 2 20 2,602 NTX  
Azalea Coast ARC  
AC4RC 521 2 43 2,596 NC  
Southern Berkshire ARC  
W1BAA/2 389 2 51 2,580 ENY  
Clear Lake ARC  
NU5M 466 2 87 2,578 STX  
Grumman ARC  
WA2LQO 596 2 15 2,560 NLI  
Central Ohio ARES  
K8DDG 837 2 54 2,556 OH  
Riverside CTY ARA  
W6TJ 792 2 49 2,552 ORG  
AR Assn of Bremerton  
W7VE 451 2 9 2,528 WWA  
Bellbrook ARC  
W8DGN 656 2 40 2,524 OH  
Society Of Newfoundland Radio Amateurs  
VO1AA 458 2 9 2,520 NL  
N0B 533 2 22 2,514 NE  
Fort Myers ARC  
W4LX (+KB7GAT)  
469 2 25 2,476 SFL  
BIG RAPIDS AREA ARC  
N8OE 615 2 23 2,410 MI  
Scranton Pocono AR Klub  
K3CSG 536 2 52 2,392 EPA  
Kings CTY RC  
W2RAK 626 2 10 2,382 NLI  
Middle Tennessee ARS  
W4UOT (+AF4JJ)  
93 2 38 2,382 TN  
Chisolm Trail ARC  
WD5IYF (+AF5Q)  
480 2 10 2,370 OK  
Grand Nelson Clan  
W9RPV 926 2 15 2,364 MT  
East Greenbush ARA  
W2EGB 851 2 16 2,358 ENY  
K0KL 615 2 24 2,348 MO  
Cambridge Amateur RA  
W8VP 472 2 14 2,332 OH  
Durham FM Assn  
NC4FD 750 2 15 2,324 NC  
Lake Area Radio Klub  
W0WNTN 312 2 10 2,304 SD  
Aroostook ARA  
K1FS 640 2 30 2,268 ME  
Randolph CTY Emergency RC  
KE4DS 525 2 7 2,244 AL  
Friederick ARC  
VE9ND 393 2 15 2,242 MAR  
Portage Cty AR Service  
KD8CKP (+N8WLE)  
455 2 55 2,232 OH  
Huntington Co ARS / Huntington Co 440 Rptr  
Group  
K9HC 482 2 11 2,226 IN  
Eva ARC  
K14FDU 490 2 33 2,220 AL  
University of Mississippi ARC  
W5UMS 448 2 12 2,214 MS  
CLARK CTY ARC  
W7AIA (+K7JAO)  
375 2 89 2,170 WVA  
Kamiah Butte Amateur Repeater Assoc  
WQ7O 339 2 30 2,160 EWA  
Rip Van Winkle ARS  
WD2K 518 2 20 2,160 ENY  
KB0Y 501 2 6 2,144 GA





Lenoir ARC / Caldwell ARES	Stanislaus ARA	Short Mountain Repeater Club	Totah ARC
KF4WOD 492 2 17 2,612 NC	W6ERE 79 2 21 1,108 SJV	W4IV (+KF4ALB)	K5WXI 217 2 15 1,096 NM
Lubbock FD Group	Navarro ARC	802 2 37 4,016 TN	W7BU 69 2 16 1,088 OR
KE5BL 708 2 40 2,566 WTX	N5VO 111 2 25 1,104 NTX	Sangamon Valley RC	Milwaukee Radio Amateurs Club
N0BRC 1254 2 10 2,558 SF	Columbia ARC and Palmetto ARC	W9DUA (+N9PCS)	W9RH (+KA9OFA)
Iredell CTY ARES	W4MNN 304 2 55 1,096 SC	943 2 53 3,978 IL	313 2 41 1,012 WI
W4SNC 519 2 12 2,506 NC	Millbrae ARC	Holland ARC	Southern California Japanese Ham Club
Columbia CTY ARC	WA6CTV 228 2 8 1,084 SCV	K8DAA 955 2 32 3,816 MI	K6JP 367 1 10 917 LAX
W4QK 629 2 7 2,490 GA	Cumberland ARC	RF Hill ARC	
London ARC	K3IEC 329 2 12 1,080 EPA	W3AI 1224 2 20 3,788 EPA	
VE3LAC 551 2 50 2,484 ON	Brookings Radio Research Club	Wilson ARC	
Chicago Suburban RA	W0BXO 234 2 29 1,068 SD	WC4AR 831 2 16 3,770 TN	
N9BAT (+W9CHI)	Cherokee Capital ARES	K7R (+KC7OIO)	
429 2 60 2,464 IL	K4WOC 88 2 12 1,066 GA	812 2 60 3,638 WVA	
Tri-CTY CW ARC	Boyer Valley ARC	Idaho Hillbillys	
W3TCW 431 2 24 2,318 WPA	K0BVC 140 2 30 1,030 IA	K7TM 905 2 6 3,580 ID	
Palisades ARC	W0CLR 227 2 15 1,004 MO	Fort Wayne RC	
W9IW 642 2 20 2,296 IL	Boise CTY ARC	W9TE (+KB9WWM)	
Oakland Radi Communications Assn	N7VIV 208 2 12 918 ID	734 2 43 3,504 IN	
WW6OR (+N6ORC)	Greater Collegedale ARC	Starved Rock RC	
324 2 41 2,256 EB	AC4VF 322 2 15 794 TN	W9MKS (+W9NPD)	
RAGS / LARC	Kachina ARC	594 2 54 3,408 IL	
W2AE 504 2 31 2,220 WNY	W7EH 133 2 18 766 AZ	Milledgeville ARC	
Ft Herkimer ARA Inc	Operation Team	W4PCF 864 2 21 3,264 GA	
W2FHA (+N2ZWO)	W8CYS 93 2 20 736 OH	Northrop Grumman ARA	
318 2 19 2,214 WNY	The Ohio State University ARC	W6TRW (+K6NWJ)	
Flagler-Palm Coast ARC	W8LT 227 2 15 580 OH	1219 2 20 3,250 LAX	
W4FPC 457 2 37 2,212 NFL	Quoboag Valley ARC	Lake Monroe ARES	
Newark ARA / Cooken	W1QVR 136 2 20 572 WMA	N4EH (+AG4PU)	
N8ARA (+W8TXN)	Elk Co ARA	703 2 60 3,138 NFL	
466 2 59 2,204 OH	N3NIA 325 1 25 525 WPA	Philmont Mobile RC	
Warminster ARC	Scarborough ARC	W3EM (+W3PSH)	
K3DN 678 2 25 2,172 EPA	VE3WE 219 2 9 490 ON	763 2 20 3,098 EPA	
K13DS 416 2 53 2,164 MDC	4A Commercial	South Bay ARC	
Calvert ARA	W1BD 823 2 20 2,366 VT	W6SBA (+AC6FB)	
K3CAL 301 2 10 2,088 MDC	Capital City ARC	646 2 42 2,994 LAX	
Sheboygan Co ARC	W7TCK 146 2 13 410 MT	Wood Co EMCOMS	
W9VCL 525 2 9 2,062 WI	5A Battery	WC8EC 570 2 16 2,976 WV	
York Region ARC	Franklin Co ARC	W0CGM 660 2 10 2,960 MN	
VE3YRA 389 2 36 2,060 ON	W4FCR 761 5 17 8,365 VA	SCARS/ARCA	
Tri-Lakes ARC	Durham Region QRP Club	NC6SV 824 2 22 2,930 SV	
KC0M 273 2 16 2,028 MO	VE3QDR 726 5 5 7,625 ON	Nortown ARC	
Hart House ARC at the University of Toronto	Elgin ARES	VE3NAR 1164 2 14 2,860 ON	
VE3UOT 617 2 17 2,012 ON	VE3RSE 384 5 18 4,045 ON	Fountain Valley RACES / West Coast ARC	
Greater Vancouver Radio Group	Alameda CTY RC	W6WC 682 2 21 2,816 ORG	
VE7VRG (+VA7OSO)	N6WG 396 5 10 3,685 EB	Chesapeake ARES	
456 2 30 1,994 BC	North Coast ARC	W4CAR 827 2 40 2,814 VA	
Chehalis Valley ARES	N8NC 369 5 40 3,615 OH	2099 ARC	
WA7UHD 551 2 12 1,994 WVA	5A	K8TKA 551 2 29 2,710 OH	
Central NH ARC	Port City ARC	WA1WA 524 2 19 2,600 ME	
W1JY (+W1CNH)	K1R (+W1WQM)	Clarksville Operating Radio Enthusiasts	
529 2 16 1,992 NH	5754 2 35 19,192 NH	K4ORE 599 2 10 2,562 TN	
Marshall CO Aux Radio Service	Roanoke Valley ARC	Horseshoe ARC	
KB4EOC 290 2 18 1,970 AL	W4CA (+K4HR)	K3HRC 468 2 31 2,558 WPA	
PORTAGE ARC INC	4559 2 70 15,320 VA	VE3VM 1066 2 12 2,528 ON	
KJ3O (+N8IIQ)	Ozaukee RC	Mount Diablo ARC	
452 2 23 1,882 OH	W9LO (+AA9W)	W6CX 636 2 10 2,466 EB	
Big Bear ARC	4061 2 80 14,034 WI	Southern California Amateur Transmitting Society	
K6BB 506 2 22 1,862 ORG	Huntsville ARC	WB6LRU 752 2 24 2,462 LAX	
Big Bear ARC	K4BFT (+KB3DXR)	Triple A ARA	
KD6KHJ 506 2 22 1,862 ORG	4154 2 47 13,700 AL	AC3J 708 2 30 2,436 WPA	
AI0W 536 2 5 1,860 CO	Virginia Beach ARC & VADXCC	Toledo Mobile RA	
South Bay ARES	W4UG (+K4IX)	W8HHF (+KB8PAI)	
K6QM 337 2 13 1,848 SDG	3408 2 86 12,236 VA	448 2 24 2,356 OH	
IUA Squared	Pina Colada Contest Club	Lassen ARC	
WX5O 637 2 15 1,826 NTX	KP2AA 3775 2 5 12,018 VI	K6LRC 513 2 20 2,274 SV	
Randolph ARC	Loudoun ARG	WA2UMX 586 2 20 2,224 ENY	
NC4ZO (+K14IDJ)	K4LRG 2416 2 40 9,888 VA	Golden Empire ARES	
350 2 64 1,800 NC	Hams Of Gainesville	W6RHC 536 2 32 2,148 SV	
W9YPC 473 2 7 1,798 IL	K4EAC (+W4IEI)	Upper Valley ARC	
Anthracite Repeater Assn	2411 2 51 9,276 NFL	K8FBN 264 2 26 2,128 OH	
W3SJI 745 2 20 1,780 EPA	United Radio Amateur Club	Alexandria RC	
Calaveras ARES	K6AA (+W6HB)	W4HFH 383 2 20 2,106 VA	
N6FRG (+AE6LA)	3025 2 35 9,272 LAX	Yolo ARES	
280 2 14 1,758 SJV	Hannibal MO ARC / Western IL ARC	W6YAR (+K6INB)	
East River ARC Bluefield WV	W0KEM 1748 2 40 7,370 MO	366 2 12 2,098 SV	
W8MOP 424 2 6 1,758 VA	Schenectady ARA	Barry ARA	
Radio Amateur Club of Knoxville	K2AE (+N2JIM)	KC8VTO 296 2 30 1,980 MI	
W4BBB 195 2 27 1,654 TN	1637 2 50 6,390 ENY	LaGrange ARC	
K5BWD (+K5RCT)	Brazos Valley ARC	AB4GA 634 2 20 1,944 GA	
239 2 11 1,650 NTX	KK5W (+W5DPA)	Gaston CTY ARES/Lincoln CTY RACES/	
Pasadena RC	1347 2 50 6,302 STX	Gastonia Area ARC	
W6KA 368 2 90 1,580 LAX	South Bay ARA	NC4LC 262 2 25 1,812 NC	
W9IDX 402 2 4 1,580 WI	KU6S (+K6GTHI)	K4S 371 2 40 1,792 GA	
Portsmouth ARC ARES	1683 2 50 6,160 EB	Beloit ARC	
W4POX 288 2 22 1,570 VA	St Petersburg ARC Med Wireless Society	W9DL 307 2 5 1,772 IL	
NV8E 546 2 6 1,542 OH	W4TA 1220 2 35 5,662 WCF	Fayette CTY ARES	
Lakeway ARC	Andrew Johnson ARC	K4UKH 293 2 32 1,744 KY	
W2IQ 359 2 26 1,538 TN	W4WC 1362 2 26 5,304 TN	ARA of SW Florida	
West Santa Barbara CTY ARES	Sun Parlour Retirees ARC	K4YHB (+K44PG)	
KD4GBA 221 2 6 1,492 SB	VE3OW 1872 2 20 5,296 ON	1456 1 25 1,733 SFL	
North Hills ARC	Columbia-Montour ARC	Arlington Communications League	
W3EXW (+W3WPA)	WC3A (+KB3BJO)	KC9IL 341 2 9 1,632 IL	
192 2 32 1,468 WPA	1023 2 15 4,638 EPA	Chelsea ARC Inc	
Highland ARA	Butler CTY ARA	WD8IEL 368 2 9 1,630 MI	
K8HO 257 2 21 1,402 OH	W3UDX (+AA3YW)	Ogemaw Arenac ARES	
Cherokee ARES/Cherokee ARES	1166 2 12 4,620 WPA	K8OAR 299 2 14 1,488 MI	
A14GL 166 2 12 1,390 GA	Penn Wireless Assn	Umpqua Valley ARC	
Kings Cty Repeater Assn	W3SK (+K3JQH)	K7AZW (+KB7WDR)	
KC2RA 313 2 32 1,376 NLI	1041 2 20 4,572 EPA	292 2 85 1,410 OR	
Toothless Talkers	Cambridge ARC	Chippewa Valley VHF Contesters	
N8IVE (+KD8BHJ)	VE3SWA1337 2 6 4,500 ON	K9CVC (+N9TTX)	
408 2 17 1,336 OH	Highlands Cty ARC	118 2 20 1,116 WI	
Whitman ARC	K4W (+AG4ZM)	KB3MRP 79 2 9 1,102 MDC	
WA1NPO 312 2 18 1,324 EMA	1033 2 30 4,254 WCF		
Greater Valley ARC	Smoky Mountain ARC		
K3GVR 207 2 6 1,184 EPA	W4OLB (+K4AVG)		
	1039 2 58 4,184 TN		

ARC of El Cajon WA6BGS 840 2 40 2,876 SDG	K5WNN 469 5 1 5,040 NTX	KU7K 411 2 1 1,192 OR	KE0RR 252 2 2 1,220 MN
Tulsa ARC W5IAS 668 2 80 2,158 OK	K9OM 487 5 1 4,970 WI	K0MHZ 271 2 1 1,184 NTX	VA7MM 209 2 2 1,126 BC
Tuolumne CTY AR and Electronics Society K6TUO 260 2 10 1,670 SJV	WA8RC 433 5 1 4,780 MI	KK9V 253 2 1 1,182 IN	Soggy Bottom Contestors K3SF 323 2 2 1,082 VA
Seattle ACS W7ACS 90 2 47 1,332 WWA	K7IA 421 5 1 4,660 NM	N8TD 281 2 1 1,126 OH	Wistaria Wireless Society
	K5WX 420 5 1 4,440 STX	NC4SC 488 2 1 1,076 MN	K6TY/O 220 2 2 1,062 MO
<b>8A</b>	WA7LNW 418 5 1 4,330 UT	N3PHF 112 2 1 1,048 WPA	K9WD 312 2 2 1,028 WI
Rappahannock Valley ARC K4TS (+W4IM) 2537 2 53 9,798 VA	VA3DF 390 5 1 4,105 ON	Goin Alone	W5JMM 173 2 2 782 WTX
Fox River Radio League W9NE (+W9CEQ) 2280 2 80 8,836 IL	KE0G 376 5 1 3,860 MN	W1VR 249 2 1 1,002 NFL	W6TK 205 2 2 736 SB
10-70 Repeater Assn Inc N2SE (+W2MLS) 1678 2 60 7,776 NNJ	AA5CK 343 5 1 3,780 OK	KU4MH 184 2 1 976 VA	K2NDR 226 2 2 652 SNJ
Wabash Valley ARA W9UUU (+K9IKQ) 1994 2 50 7,032 IN	K8AB 341 5 1 3,670 OH	K7SDU 187 2 1 972 EWA	K0HJC (+WD0K) 150 2 2 700 WWA
South Pickering ARC VE3SPC 1921 2 20 6,974 ON	W4SK 300 5 1 3,250 TN	AA0CL 200 2 1 938 MO	K0HJC (+WD0K) 254 2 2 626 MN
N08A 1019 2 25 5,088 OH	WA8REI 260 5 1 3,235 MI	WB6FDY 184 2 1 860 UT	W4CSN 130 2 2 622 VA
MNARC/DCARA/MobileSixers/DelcoDUG Multi-Club Operation	W9NJP 310 5 1 3,200 IL	W0XR 352 2 1 854 CO	K5NLX 35 2 2 490 AR
N3NZ 1203 2 50 5,004 EPA	W3CB 234 5 1 3,090 MDC	K6SGH 300 2 1 850 SB	W8UFU 69 2 2 440 WI
Mahoning Valley AR Assoc W8QLY 1398 2 43 4,918 OH	VE3WG 354 5 1 2,755 ON	K0KID 141 2 1 782 MO	Le groupe Iquantique
BEARS of Manchester W1BRS 1025 2 42 4,202 CT	W0YHE 260 5 1 2,700 MN	W7CCW 87 2 1 698 AZ	VE2MPQ 60 2 2 432 QC
Kauka Lake ARA AI2U 357 2 42 2,116 WNY	AE8M 262 5 1 2,670 OH	W2DPT 210 2 1 688 VT	N2DM 126 2 2 418 WNY
K6MEP 247 2 12 1,922 SB	KX0R 253 5 1 2,540 WY	K8UUVG 172 2 1 670 WI	K5MQC 104 2 2 358 NTX
	W2JLK 203 5 1 2,480 NNJ	K6PQD 155 2 1 660 SB	AE6UP 30 2 2 310 SF
<b>9A Battery</b>	AA0BQ 207 5 1 2,320 MN	WS7WS 134 2 1 658 WWA	KD5EXR 50 2 2 250 ID
West Valley ARA W6PIY (+AD6RE) 843 5 41 9,190 SCV	WA4D0U 216 5 1 2,210 NC	K1P0Y 123 2 1 642 NH	K7CLC 80 2 2 230 WWA
	KB2FEL 158 5 1 1,730 WV	WB2AXF 110 2 1 640 ENY	Hill Country Mountain Toppers Assn
<b>9A</b>	K5SI 163 5 1 1,730 STX	K4RS 36 2 1 630 AK	K5W 71 2 2 208 STX
GMA RC VE3GMA (+VE3MVM) 6023 2 31 19,842 ON	W9NJJ 142 5 1 1,670 WI	AC7NO 206 2 1 512 WY	Sterling CO Hams
N4N (+N4G) 1790 2 31 7,836 GA	K5JPB/2 212 5 1 1,635 WNY	W4KP 151 2 1 452 KY	KF0JY 65 2 2 180 CO
Kent ARS K3ARS (+N3WGC) 485 2 12 1,824 MDC	N1LT 112 5 1 1,615 NH	N0MEU 45 2 1 430 CO	VA4CQD 2 2 2 154 MB
	WD7Y 140 5 1 1,600 NV	Jay Backyard	<b>1B-2 Op</b>
<b>9A Battery</b>	K9FOH 135 5 1 1,580 IN	N6IGI 90 2 1 430 ORG	KA0ZPP 135 2 2 420 ND
N0BN 89 5 1 1,300 CO	Evergreen Baptist Church ARC	VF9FR 49 2 1 404 KY	VE6RI/VE885 1 2 270 NT
WB9DLC 104 5 1 1,190 IN	K7EBC 140 5 1 1,550 WWA	VE3EDX 50 2 1 398 ON	
W0CZ 82 5 1 1,170 ND	AH6V 126 5 1 1,460 PAC	K6JRA 98 2 1 396 EB	<b>2B-2 Op Battery</b>
W0ANM 101 5 1 1,155 MN	KC2JAV 135 5 1 1,450 OH	AE6LL 100 2 1 350 SCV	Sporadic Ham RC
VE6ZC 108 5 1 1,155 AB	K2KQJ 105 5 1 1,400 ENY	Cascade Radio Group	K2FA 583 5 2 6,450 WNY
KD5MJJ 105 5 1 1,150 STX	N3RN 137 5 1 1,380 EPA	N7CFO 75 2 1 350 WWA	N8EFO 392 5 2 3,755 OH
AB2JL 157 5 1 1,085 WNY	KZ8T 121 5 1 1,320 OH	N0KGM 95 2 1 340 UT	Yodeling Coyote Radio Group
KD2HE 96 5 1 1,060 NLI	Lone Eagle	K6DMA 116 2 1 332 SDG	N7A 190 5 2 2,225 EWA
K3TW 52 5 1 970 MDC	KI0G 115 5 1 1,300 CO	Michael D Willis	KW4JS 161 5 2 1,860 TN
W3BIG 118 5 1 940 EPA	N0BN 89 5 1 1,300 CO	W9TQV 31 2 1 312 WI	N6M8Y (+K6RHB)
KC9ZO 78 5 1 930 IL	WB9DLC 104 5 1 1,190 IN	N0BHT 71 2 1 292 CO	206 5 2 1,530 SB
WA5ZNU 28 5 1 915 SCV	W0CZ 82 5 1 1,170 ND	K3ZT 68 2 1 286 EPA	KK4PQ 141 5 2 1,495 GA
KB7LJP 56 5 1 910 OR	W0ANM 101 5 1 1,155 MN	W9RFFV 90 2 1 280 IN	Voyagers ARC
Tennessee Contest Group	VE6ZC 108 5 1 1,155 AB	AI40T 36 2 1 272 VA	KC9IMR 82 5 2 1,205 IL
N2WN 64 5 1 890 TN	KD5MJJ 105 5 1 1,150 STX	N0CQV 81 2 1 268 CO	Voice of Windsor Hills
K4WY 68 5 1 885 VA	AB2JL 157 5 1 1,085 WNY	K0WRZ 83 2 1 266 KS	W6MPB 119 5 2 1,045 LAX
KC8UR 59 5 1 885 OH	KD2HE 96 5 1 1,060 NLI	Indian Creek RC	
WS4Y 61 5 1 860 AR	K3TW 52 5 1 970 MDC	KI4PBX (NN5A,op) 75 2 1 250 TN	<b>2B-2 Op</b>
WB6QZK 48 5 1 840 LAX	W3BIG 118 5 1 940 EPA	VA4TV 21 2 1 242 MB	NN3Q 1029 2 2 3,962 EPA
W4UDX 115 5 1 825 KY	KC9ZO 78 5 1 930 IL	WD5ACR 68 2 1 222 CO	Machias RG
AA6AV 53 5 1 820 SF	WA5ZNU 28 5 1 915 SCV	NO7UP 17 2 1 184 EWA	W7MRG 1102 2 2 3,804 MT
NB7F 66 5 1 755 OR	KB7LJP 56 5 1 910 OR	KB1KLK 53 2 1 156 CO	Giant Lizard Contesting Club
KE3HG 55 5 1 725 EPA	Central Contest Group	Alaskans Love 2 Fish	W8BNY 389 2 2 1,728 OH
WB4PWZ 71 5 1 680 EPA	N2WN 64 5 1 890 TN	AL2F 50 2 1 150 AK	W8FNW 226 2 2 1,014 OH
KK1J 105 5 1 675 AZ	K4WY 68 5 1 885 VA	VA7CAE 5 2 1 60 BC	K0MHP (+KC0LKG) 353 1 2 953 MO
NR9T 55 5 1 650 KY	KC8UR 59 5 1 885 OH	VE7AFZ 2 2 1 54 BC	Vaca Valley RC
W6AQ 54 5 1 640 SDG	WS4Y 61 5 1 860 AR	W7HD 217 2 1 434 AZ	W6VVR 93 2 2 852 EB
KB5FIO 33 5 1 615 STX	WB6QZK 48 5 1 840 LAX	KB0JQO 35 2 1 174 IA	Red Oak Society
KC8SQC 35 5 1 600 MI	W4UDX 115 5 1 825 KY	W5OK 8 2 1 18 OK	K2OAK 221 2 2 794 NNJ
AB4EL 55 5 1 595 NC	AA6AV 53 5 1 820 SF	<b>3B-1 Op Battery</b>	WA9STI 204 2 2 782 LAX
N3AB 47 5 1 570 EPA	NB7F 66 5 1 755 OR	Mad River Subset	KB3IRR 228 2 2 744 SNJ
NK0E 39 5 1 540 CO	KE3HG 55 5 1 725 EPA	KW8N 895 5 1 8,825 OH	K0JJM (+KC0JUY) 247 2 2 594 KS
N8USK 83 5 1 515 STX	WB4PWZ 71 5 1 680 EPA		N0TK (+WI6T) 83 2 2 506 CO
WU0L 35 5 1 500 MN	KK1J 105 5 1 675 AZ	<b>1B-2 Op Battery</b>	
N2JPR 49 5 1 490 NLI	NR9T 55 5 1 650 KY	W5YA 800 5 2 8,725 NM	
KB8ZRX 37 5 1 460 IN	W6AQ 54 5 1 640 SDG	Friends of W8LT	
K6ADG 39 5 1 415 SCV	KB5FIO 33 5 1 615 STX	NZ8R 579 5 2 6,040 OH	
VE3TLT 59 5 1 395 ON	KC8SQC 35 5 1 600 MI	W9YA 318 5 2 3,930 NM	
N5EYT 11 5 1 360 STX	AB4EL 55 5 1 595 NC	W4NI 305 5 2 3,250 TN	
N0YTR 14 5 1 360 CO	N3AB 47 5 1 570 EPA	VE3EQP 335 5 2 2,905 ON	
WB7OND 20 5 1 350 MI	NK0E 39 5 1 540 CO	Lake Jordan Duo	
VE7IHL 35 5 1 325 BC	N8USK 83 5 1 515 STX	N4HAY 223 5 2 2,380 NC	
WD9EWK 5 5 1 275 AZ	WU0L 35 5 1 500 MN	K4RDU 227 5 2 2,370 VA	
KC2KME 16 5 1 260 WNY	N2JPR 49 5 1 490 NLI	K2QR 95 5 2 1,600 WNY	
Central Halifax Amateur Operated System	KB8ZRX 37 5 1 460 IN	Cedar Forest QRP Group	
N2JFS 16 5 1 230 VT	K6ADG 39 5 1 415 SCV	W4DIT 119 5 2 1,540 TN	
N1ZGY 3 5 1 165 EMA	VE3TLT 59 5 1 395 ON	KA2KGP 147 5 2 1,505 WNY	
N2YRJ 12 5 1 160 WNY	N5EYT 11 5 1 360 STX	K4RET (+N4MJM) 229 5 2 1,490 VA	
KA6FBB 3 5 1 130 ORG	N0YTR 14 5 1 360 CO	Indian Hill ARC	
N2BWC 2 5 1 70 SDG	WB7OND 20 5 1 350 MI	AA9NF 118 5 2 1,335 IL	
<b>1B-1 Op</b>	VE7IHL 35 5 1 325 BC	W8OHR 77 5 2 805 MO	
K2EK 1336 2 1 4,572 NFL	WD9EWK 5 5 1 275 AZ	VE7NWZ 50 5 2 795 BC	
SMART	KC2KME 16 5 1 260 WNY	Ottawa Valley QRP Club	
N8KD 922 2 1 3,666 MI	Central Halifax Amateur Operated System	VA3OVQ 25 5 2 655 ON	
K3ONW 865 2 1 3,560 EPA	N2JFS 16 5 1 230 VT	Regennitter	
N5JB 610 2 1 2,590 NTX	N1ZGY 3 5 1 165 EMA	K0UH 54 5 2 320 MN	
WB8JUI 600 2 1 2,516 OH	N2YRJ 12 5 1 160 WNY	<b>1B-2 Op</b>	
K0AAA 498 2 1 2,008 MN	KA6FBB 3 5 1 130 ORG	W8TK (+K4LT) 1714 2 2 7,556 OH	
KE7NO 570 2 1 1,852 MT	N2BWC 2 5 1 70 SDG	Wildcat Valley Contesters	
W7NNN 531 2 1 1,564 WWA	<b>1B-1 Op</b>	W9PC 1277 2 2 5,658 IN	
N4UF 347 2 1 1,528 NFL	K2EK 1336 2 1 4,572 NFL	WK6O 1276 2 2 5,240 ORG	
N5EE 314 2 1 1,456 NTX	SMART	VE6KC 893 2 2 3,922 AB	
Maitby RC	N8KD 922 2 1 3,666 MI	AD0O 1025 2 2 3,386 CO	
W7MRC 281 2 1 1,374 WWA	K3ONW 865 2 1 3,560 EPA	K8RYU 872 2 2 3,318 OH	
N7DVL 335 2 1 1,320 WWA	N5JB 610 2 1 2,590 NTX	Jack and Gary	
N3OX 292 2 1 1,312 MDC	WB8JUI 600 2 1 2,516 OH	K7GGG 843 2 2 2,836 AZ	
Desert Hills ARC	K0AAA 498 2 1 2,008 MN	Fed Am Radio Oper	
W8AEF 265 2 1 1,310 AZ	KE7NO 570 2 1 1,852 MT	K9ZA 698 2 2 2,824 IL	
N7SVX 571 2 1 1,242 MS	W7NNN 531 2 1 1,564 WWA	K7ZZ 512 2 2 2,528 OR	
	N4UF 347 2 1 1,528 NFL	W3SW (+KB2ZWZ) 874 2 2 2,098 WNY	
	N5EE 314 2 1 1,456 NTX		
	Maitby RC		
	W7MRC 281 2 1 1,374 WWA		
	N7DVL 335 2 1 1,320 WWA		
	N3OX 292 2 1 1,312 MDC		
	Desert Hills ARC		
	W8AEF 265 2 1 1,310 AZ		
	N7SVX 571 2 1 1,242 MS		





Treasure Valley RA					
K7OJI (+KE7DTM)					
301	2	12	1,942	ID	
Sabine Valley ARA					
K5GVL	436	2	10	1,910	NTX
Scott CTY AR and Emergency Service Club					
KF4NTQ	325	2	10	1,726	KY
Adams CTY ARS					
W3KGN	344	2	10	1,726	EPA
Kentucky District 7 Amateur Radio Emergency Team					
KY7ET (+NB4K)					
246	2	15	1,664	KY	
Lehigh Valley ARC / W3OI					
W3OI (+AK3M)					
214	2	32	1,542	EPA	
National Trail ARC					
K9UXZ	388	2	13	1,476	IL
Montgomery Co ARES					
WA5EOC	299	2	12	1,438	STX
Deep East Texas ARC Inc					
W5IRP	227	2	38	1,426	STX
Virginia Mountain ARC					
W4COV	431	2	7	1,334	VA
Marshall CTY Alabama Repeater Syatems					
W4HW	213	2	35	1,324	AL
Atchafalaya Amateur DX Assn					
WA5MC	257	2	10	1,302	LA
Citrus CTY ARES/RACES					
KD4FG	244	2	8	1,296	NFL
WC1SW	74	2	17	1,218	WMA
Johnson Co ARC					
W4MCT	204	2	10	1,068	TN
Headwaters Armature RC					
N3PC	266	2	5	982	WPA
Boston ARC					
W1BOS	49	2	15	548	EMA
Boston ARC					
W1MSA	49	2	15	548	EMA
<b>4F</b>					
Palomar ARC					
W6NWG	3346	2	11	11,054	SDG
Boeing Employees ARS					
W0MA	1966	2	20	6,594	MO
Van Wert ARC					
W8FY	1811	2	19	5,882	OH
Worcester EMCOMs Team					
WE1CT (+N1PFC)					
1440	2	31	4,622	WMA	
Oak Ridge ARC					
K4PJ	1159	2	30	4,386	TN
Charlotte ARC					
W4CQ	976	2	33	3,840	NC
Tri-State ARA					
W8VA (+W8OI)					
979	2	65	3,762	WV	
Tri-Town Radio Amateur Club					
W9VT (+N9WDG)					
957	2	28	3,624	IL	
Shelby CTY / Birmingham ARC					
W4B (+N4WZF)					
916	2	30	3,460	AL	
Racine Megacycle Club					
W9UDU	452	2	23	2,824	WI
Texas Emergency Amateur Communicators					
W5SI	395	2	71	2,386	STX
Middle East Tennessee Emergency Radio Service Inc					
KG4NLF (+WR4MS)					
509	2	35	2,322	TN	
Lower Columbia ARA					
W7DG	990	1	11	1,761	WWA
S Nye Co ARES Inc					
W7NYE	181	2	35	1,352	NV
Buckhorn filed Day					
W0BFD	90	2	7	1,158	CO
Coastline ARA					
N1EG	264	2	44	1,152	CT
North Bend					
K7S	198	2	20	1,116	WWA
Chipola ARC					
W4BKD	174	2	14	1,010	NFL
Orleans Country ARC					
KZ2R	150	2	9	670	WNY
<b>5F</b>					
Stanford ARC					
W6YX (+K6SU)					
6622	2	50	21,106	SCV	
Southern Michigan ARS					
W8DF	2263	2	26	7,610	MI
Forsyth Co (GA) ARES					
N4AC	1621	2	72	5,770	GA
ARRL Headquarters - Maxim Memorial Station					
W1AW (+W1KRB)					
792	2	19	3,128	CT	
Flagler EMCOM Assn					
AF2C	479	2	28	3,112	NFL
Metroplex ARC					
W2MPX	392	2	38	2,728	NNJ
Cross Country ARC					
WA5CC	350	2	32	2,434	AR
Metro Detroit SATERN					
N8SE	169	2	19	1,588	MI
<b>6F</b>					
Queen City Emergency Net					
W8VND (+W8WTD)					
2158	2	22	7,480	OH	
Great South Bay ARC					
W2GSB (+W2TOB)					
1122	2	50	4,766	NLI	
W1SAT	179	5	10	2,930	ORG
Arlington ARC					
W4WVP	321	2	12	2,238	VA
CQ RC					
K1BCI	397	2	22	1,954	CT
<b>11F</b>					
Carroll Cty ARC					
K3PZN	673	5	20	7,465	MDC