

2014 Field Day Results

In this year's event, 47,428 participants made over 1.2 million contacts.

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Operating from mountain-tops, parks, emergency operation centers, and homes across North America, 47,428 operators participated in the 81st annual ARRL Field Day. Always the fourth full weekend in June, Field Day provides an opportunity to showcase Amateur Radio to the public, while practicing the skills necessary to deploy and operate portable stations. An event that is never short on challenges, participants put their knowledge and equipment together to make as many contacts as possible, while attempting to circumvent the many challenges that Mother Nature and Murphy regularly present over the weekend. Though it is not a contest, Field Day does provide a point-based scoring system to make it easier for participants to evaluate their efforts each year.

The Best-Laid Plans

Field Day operations are over the course of a weekend, but preparation for the event begins weeks and sometimes months in advance. Site planning, testing and inventory of equipment, press releases to local media outlets, and invitations to elected and agency officials are all important elements of a suc-



cessful operation and must be executed long before the first exchange is made. For the 2093 stations that reported operating using only emergency power, careful consideration had to be given to the amount of power used to transmit signals and conservation of fuel to ensure stations would remain on the air throughout the event. Safety is also an important part of Field Day planning, and because the majority of operations are outdoors, sites must prepare for the constantly changing conditions.

Even the most thoroughly prepared stations can be challenged by the weather. June provides the Northern Hemisphere with shelter from the cold, but it also exposes us to the elements associated with summer in North America. This year, a large band of precipitation was recorded from the far reaches of the Northwest all the way down to Florida, and many Field Day stations reported heavy rain at their sites. Ed, KF8PD,

from Chickasaw Amateur Radio Association wrote that it was one of the wettest Field Day events he had ever attended, but pointed out, "How many emergencies happen during perfect weather conditions?" High temperatures throughout the weekend were in the 100s across the south and southwest and gradually faded into the 80s to the north. These conditions tested the will and stamina of operators to assemble their stations and operate continuously throughout the weekend.

Conditions and Demographics

Although we will be moving past the peak of Solar Cycle 24, solar conditions were similar to last year, with almost identical solar indices. Participants reported that contacts were made on 10 meters, but that conditions were not optimal. In contrast, activity on 15 meters and below was very good across all regions. Total QSOs reported this year were down just slightly, despite an increase in the number of participants. We also saw a decrease in the number of phone QSOs, but an increase in both CW and digital contacts. Station demographics from this year showed that small club efforts are still the most common entry. However, not

Top 10 Claimed

Call Sign	Score	Class
W1AW/3	36,730	28
W6YX	21,840	10
K6EI	20,125	6
K4LRG	19,028	5
W4IY	18,224	10
W6ZE	17,970	7
W4EZ	17,440	9
K4FC	16,934	7
K4BFT	16,370	4
W5YA	15,775	3



In a remote desert location in Utah's San Rafael Swell, Jim Olsen's, K7JEO, 1B1 station operated using 100% solar power. [Jim Olsen, K7JEO, photo]

all Field Day sites are hosted by clubs. Some participants enjoyed setting up a single station all to themselves, while others took the opportunity to get together with a few friends to operate over the weekend. We received summaries from stations operating in remote locations and others that made it as far as their backyard. We also saw a sharp increase in the number of single transmitter home entries, which may have been in part due to heavy precipitation that many areas experienced.

QSOs with the ISS and W1AW

One highlight for many Field Day participants this year was a contact with Commander Reid Wiseman, operating as NA1SS onboard the International Space Station. The astronaut made an extraordinary and successful effort to contact as many amateurs as possible during several North American passes. We would like to thank Commander Wiseman for taking the time out of his busy schedule to participate, as well as ARISS and NASA for helping coordinate the operation. If you worked NA1SS, don't forget to send in your



Members of the Navarre CERT ARC prepare to launch a tethered weather balloon that supported a long wire antenna. While providing an excellent method of antenna support, the balloon also served to bring curious visitors to the site. [Steve Van Den Akker, W4SJV, photo]

request to receive an ISS QSL card documenting the contact.

As we celebrate our 100th anniversary with the Centennial QSO Party, operators around the world attempt to make as many contacts as possible with W1AW portable. Field Day weekend was no exception. This year the Columbia Amateur Radio Association and the Potomac Valley Radio Club were back again as a 28A and operated under the call sign W1AW/3. Diane, KE3TT, blogged about the event and titled her post, "Yes, OM, That's Two Eight Alpha." That was surely a phrase heard many times over the weekend as they made over 11,000 contacts.

Time Well Spent

On Sunday afternoon, after operating came to an end, tired participants knew that there was still work to be done. The breakdown of the

sites began and with the help of gravity, things always seem to come down much more quickly than they go up. Logs were collected, coax was coiled, radios were carefully packed away, and sites were cleaned of any

remaining items to ensure hosts would welcome us back. Reading through the soapbox comments, e-mails and notes scribbled on paper Field Day summary sheets, there is a recurring theme. No matter how difficult the challenges were over the weekend, the majority of participants noted how much they are looking forward to Field Day next year. This reflects the important role of Field Day in both maintaining the enthusiasm of existing participants while providing a valuable context for bringing new amateurs into the hobby. We look forward to working you from the field again next year, on June 27 and 28, 2015.

Important Field Day Statistics

Total CW QSOs	555,912
Total Digital QSOs	54,549
Total Phone QSOs	675,128
Total QSOs	1,285,589
Number of People	37,428
Entries Active	2686

Entries by Class

1A	121	1B1	104	5F	9
2A	392	1B1B	140	6F	2
3A	316	1B1C	15	7F	3
4A	150	1B2	38	9F	1
5A	87	2B2	18	10F	1
6A	29	1B2B	24	12F	1
7A	17	2B2B	10	3D	6
8A	11	1B2C	2	4D	2
9A	5	2B2C	2	7D	1
10A	5	1C	38	27D	1
12A	1	2C	2	1E	276
16A	1	1D	450	2E	36
28A	1	2D	23	3E	16
1AB	25	3D	6	4E	7
2AB	17	4D	2	5E	2
3AB	9	7D	1	7E	2
4AB	10	27D	1	1F	28
5AB	1	1E	276	2F	67
6AB	2	2E	36	3F	49
7AB	1	3E	16	4F	23
9AB	1	4E	7	5F	9
10AB	1	5E	2	6F	2
1AC	10	7E	2	7F	3
2AC	29	1F	28	9F	1
3AC	28	2F	67	10F	1
4AC	14	3F	49	12F	1
5AC	3	4F	23		

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 less than 150 W; 1 is more than 150 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 3 or more participants Class B stations are portables with one or two participants. 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	Wayne ARC	1470	2	8	5,550	OH
Tilson CC	W8AV					
K5WA	Lafayette DX Assn	1472	2	12	5,302	IN
Kathrine Fisher's RC	W9LDX					
W0FD	Murphy's Law Radio Group	1591	2	7	5,238	NTX
Case ARC	K5QY					
W8EDU	Page Valley ARC	1434	2	18	5,096	VA
Friends and Alumni Under LT	K4PMH					
K1LT	Dr Loomis Memorial Jr Mechanics League	1459	2	12	5,086	MDC
Boomer Contest Club	W3KDR					
K5PX	Federation of AR Ops	1197	2	3	4,752	IL
	K9ZA					
	Portland Radio CC	1482	2	15	4,528	OR
	KK7PR					
	Union Metropolitaine des Sans-Filistes de					
	Montreal	875	2	30	3,676	QC
	VE2UMS					
	Big Lake AR Enthusiasts	1564	2	4	3,378	MN
	W0G					
	Jefferson City ARC & Ancient Modulators	1252	2	25	3,324	MO
	KB0TLL					
	N4CWZ	1014	2	3	3,316	NC
	Berwick Contest Team	1094	2	4	3,312	EPA
	AK3V					
	Athens Cty ARA	604	2	16	3,152	OH
	W6MHV					
	Patrick Henry ARA	829	2	15	3,116	VA
	K4MVA					
	McHenry Cty Wireless Assoc	730	2	15	3,112	IL
	K9RN					
	Neurosa Gopher Munchers	608	2	3	2,932	SV
	AE6C					
	South Georgian Bay ARC	907	2	6	2,864	ONS
	VE3SGB					
	Wasteland Comm Corp	809	2	4	2,818	SB
	K6WCC					

Motor City Radio Club W8MRM (+W8GTZ) 976 2 41 3,580 MI	Los Angeles ARES NW District WA6P 619 2 40 2,744 LAX	Sonoma Cty Rad Ams K6SON (+W6SON) 385 2 50 2,110 SF	Triple A ARA N3TNTN 450 2 18 1,614 WPA
Sioux Empire ARC W0ZWY (+W0FSD) 814 2 19 3,552 SD	Goochland Cty ARES / Virginia Capital District 6 ARES N4MI (+N4HOK) 477 2 50 2,714 VA	McDowell City ARC WV8ED 274 2 16 2,106 WV	Bladen ARS W4BLA 581 2 7 1,612 NC
MARCA W7MOT 1105 2 15 3,544 AZ	VE7VCC 517 2 9 2,694 BC	Mtn ARC NX0G 437 2 3 2,088 CO	Maple Valley ARC KC7KEY 339 2 32 1,612 WWA
EPCOM VE7PCE 1215 2 25 3,540 BC	Carteret City ARS W4YMI (+K4TRP) 737 2 30 2,674 NC	Twin Cities Rep Club W0BU (+WB0JMG) 417 2 12 2,076 MN	Barrie ARC VE3GCB (+VE3RAG) 249 2 14 1,612 ONS
Ft. Madison ARC WF0RT (+NF5B) 714 2 20 3,518 IA	Sierra Blanca ARC KR5NM (+K5RIC) 687 2 12 2,668 NM	Pine State ARC N1ME 778 2 26 2,066 ME	Estes Valley ARC N0FH 322 2 30 1,604 CO
Ottawa ARC VE3RC (+VE3NCR) 746 2 50 3,480 ONE	Green Valley ARC WE7GV 696 2 45 2,644 AZ	Mountain State Transmitters K8VNO (+KD8MIV) 292 2 5 2,050 WV	N05AU (+N5RYG) 447 2 40 1,598 AR
Hospital Disaster Support Com System N6NH (+W6KOS) 732 2 48 3,472 ORG	Laguna Mtn WFD KK6I (+W6BAF) 550 2 9 2,638 SDG	Bloomington ARC K9DIY (+K9SOU) 358 2 62 2,032 IN	Two Rvers ARC W3OC (+KB3JLT) 399 2 24 1,594 WPA
Larkfield ARC W2LRC (+KC2TAF) 863 2 40 3,470 NLI	Ole VA Hams W4OVH (+N4H) 479 2 15 2,636 VA	Club Radio Amateur de Quebec VE2CQ (+VE2CDX) 408 2 58 2,022 QC	Centralia Wireless Assn W9CWA (+NV9S) 220 2 60 1,592 IL
Bonac ARC K2EC 1368 2 16 3,468 NLI	VE3SOO 682 2 12 2,588 ONN	Los Alamos ARC W5PDO 420 2 15 1,990 NM	SC4ARC W6SCF 144 2 25 1,592 SCV
W0LS 834 2 10 3,466 MN	Blackstone Valley ARC W1DDD (+W1TBR) 542 2 43 2,562 RI	San Jose ARES/RACES/ACS W6SJC (+KF6IY) 239 2 40 1,988 SCV	VO1AA 152 2 9 1,588 NL
Radio Operadores Del Este KP3RE 1126 2 25 3,426 PR	Mooshorn ARC KL7AN 730 2 29 2,558 AK	Panhandle ARC W5VX (+KC5OMK) 606 2 22 1,982 WTX	Hiawatha Valley ARC N0DH 386 2 20 1,586 MN
Carbon ARC W3HA 816 2 6 3,424 EPA	PSRG Seattle ACS / WSARC Joint Team W7ACS (+W7AW) 617 2 109 2,550 WWA	Winona ARC W0NE 324 2 24 1,966 MN	St Albans ARC N1STA 341 2 10 1,574 VT
South Kitsap ARC N7IG 683 2 10 3,410 WWA	Tesla ARC K4XX 727 2 4 2,546 AL	Mid-Atlantic ARC W3NWA (+WB3JOE) 432 2 58 1,950 EPA	Sachse ARA K5S 308 2 48 1,572 NTX
North Shore ARC VE7NSR (+VE7EMR) 847 2 40 3,382 BC	Southwest LA Am Rep Club W5BII (+KF5HDM) 778 2 33 2,544 LA	Wayne City Renegades N8IW 445 2 3 1,944 OH	Matagorda City ARC W5WTM (+KA5KTF) 329 2 34 1,544 STX
The Villages ARC K4VRC (+N4FP) 1765 1 45 3,315 NFL	West Allis RAC W9FK 691 2 20 2,472 WI	W5PFC 336 2 15 1,936 MS	NB6GC (+W6POC) 263 2 12 1,518 EB
Twin City FM Club W0EF 754 2 26 3,298 MN	Littleton Area Radio Klub K1EME (+KC1BLE) 379 2 14 2,470 NH	TRI-County ARA K6AGF 586 2 12 1,932 ORG	BillERICA ARS W1HH 355 2 18 1,518 EMA
Raytown ARC WW1USA (+K0GQ) 878 2 200 3,266 MO	Peekskill / Cortlandt ARA W2NYW 722 2 16 2,460 ENY	Queen Creek ARC N7Q (+KF7RYX) 452 2 13 1,922 AZ	W8AJT 382 2 18 1,514 OH
Hancock City ARC W9ATG (+N9TT) 718 2 29 3,240 IN	The Happy Hams K2DXU 726 2 4 2,460 ENY	Penn-Mar Radio Club W3MUM (+KB3DSR) 514 2 26 1,892 EPA	Washington Area ARC W0ARC (+AB0DX) 293 2 21 1,508 IA
Garland ARC K5QHD (+K6G00) 611 2 69 3,230 NTX	ARC of Amite City W5CCW 554 2 8 2,454 MS	Cowichan Valley Amateur Radio Soc VE7CVA 604 2 21 1,884 BC	London Bridge ARA K7LHC 349 2 9 1,498 AZ
Candlewood ARA W1QI (+W1QK) 710 2 25 3,214 CT	Guilford City ARES / Greensboro ARA N44GC (+W4GSO) 961 2 28 2,448 NC	DeKalb City ARC W4GBR 623 2 35 1,876 AL	K4GNV 333 2 48 1,492 NFL
Littleton Radio Amateurs K0AE 894 2 10 3,150 CO	Minden ARA N5RD (+KA5KBP) 660 2 22 2,394 LA	Big Sandy ARC KD0TOS 256 2 10 1,868 CO	Coal Country ARC WV8CCC 321 2 6 1,492 WV
Valencia Cty ARA K5OUR 743 2 73 3,134 NM	Decatur ARC W4ATD (+KB4CAY) 631 2 27 2,388 AL	Newport Beach Repeater Club K6NBR 492 2 11 1,866 ORG	Colquitt Cty Ham Radio Soc AA4P 200 2 34 1,490 GA
Clearwater ARS WE4TT 1259 2 25 3,112 WCF	Butts City Em Com Aux WX4BCA 657 2 20 2,384 GA	Old Hollow Contest Group AK9D 373 2 5 1,806 MO	AA4P 200 2 34 1,490 GA
Gold Coast ARA N4FL 772 2 54 3,090 SFL	The FPL Group K8ESQ 557 2 4 2,364 MI	Ridgeville & District ARS N4R (+W4QYV) 502 2 9 1,804 SC	Stillwater ARA W0JH 226 2 30 1,484 MN
Mid-MO ARC N0SS 584 2 37 3,082 MO	Santa Ci ARA Cty AR Assn W6UW (+W6UU) 605 2 49 2,364 SCV	Bryan ARC W5BSC 340 2 49 1,782 STX	Rappahannock ARA W4NNK 345 2 13 1,466 VA
Caribbean ARG W4CFG (+KP4FIE) 1017 2 21 3,044 PR	Tuscaloosa ARC W4XI 652 2 30 2,312 AL	NA1RL 428 2 32 1,772 CT	York Pirates NN9L/8 538 2 8 1,460 MI
Port Lavaca ARC W5KTC 701 2 9 3,012 STX	St Lucie Cty AR Em Serv W4SLC (+KK4WCA) 608 2 32 2,286 SFL	South Canadian ARS W5NOR (+WB5ULK) 318 2 35 1,758 OK	W8BNZ 555 2 12 1,460 MI
Clinton City ARC W9PC 566 2 18 2,994 IN	Pamlico ARS N4PRS (+A14WL) 519 2 46 2,278 NC	Mountain ARC W6WB (+KJ6JZU) 384 2 17 1,756 SJV	Coastline ARA N1EG 352 2 50 1,448 CT
Martin Cty Ares/Races K4ZK (+WX4MC) 819 2 30 2,980 SFL	Sacramento Mtns RC K5MIQ 384 2 16 2,242 NM	Pine Ridge ARC W0FLO 346 2 20 1,750 NE	Yellowhead ARA VE6YAC 386 2 7 1,410 AB
Southern Okla DX Club W5CSC 862 2 12 2,968 OK	Corona PD CSV Team W6CPD 491 2 40 2,234 ORG	Greater NE ARL K0GNE 524 2 13 1,748 NE	Low Country CC NA4U 296 2 5 1,400 NC
Paso Robles ARC W6R (+N6KKS) 1290 1 25 2,965 SB	Emerald ARS W47FQD 452 2 34 2,234 OR	California City ARC KE6RN 202 2 19 1,740 SJV	NA4U 296 2 5 1,400 NC
Samuel F Morse ARC W6SFM 521 2 21 2,954 SV	Blossomland ARA W8MAI (+W8KIT) 507 2 25 2,234 MI	Douglas Cty ARC W0UK (+K0TOY) 475 2 20 1,734 KS	Riverside Cty ARA W6TJ 264 2 39 1,378 ORG
Mich-A-Con ARC KC8VC (+W8JWN) 676 2 18 2,952 MI	Central MS ARA WX5H (+N5DU) 357 2 34 2,226 MS	M&M ARC W8PIF 990 1 56 1,728 MI	South AL RC W4CM 194 2 7 1,376 AL
ARC Em Com Serv WB2QBP (+K2ARC) 1032 2 15 2,922 NLI	Oak Grove Hamsters KB0NHV (+N0PVZ) 334 2 5 2,226 MO	Six Meter Club of Chicago K9ONA 376 2 24 1,724 IL	W4W (+WN7Y) 450 1 60 1,366 MT
Orca DX & Contest Club VA7ODX 597 2 9 2,874 BC	Parker Radio Assoc K0PRA (+K0PRA) 664 2 30 2,216 CO	Charleston ARS WA4USN 635 2 15 1,720 SC	Cleveland Cty ARS NA4CC (+KK4SMV) 201 2 11 1,352 NC
Naval Postgraduate School K6LY (+K6NPS) 791 2 18 2,860 SCV	Union City ARS NC4UC 714 2 17 2,214 NC	Lauderdale-Clarke Counties ARES WX5MEI 194 2 26 1,714 MS	Manotick AR Group VE3AIR (+VA3ZUO) 241 2 4 1,352 ONE
Ashe Cty ARC W4FD (+W4APP) 660 2 30 2,860 NC	Pacific NW QRP Group K7W 579 2 4 2,198 WWA	VE7SSC (+VA7BHA) 295 2 15 1,712 BC	Huron ARA, INC. W0NOZ 449 2 9 1,348 SD
Cochise ARA K7RDG (+W7SVD) 657 2 24 2,844 AZ	Nittant ARC W3YA 1170 1 37 2,164 WPA	Pamlico ARC K4BCH 378 2 12 1,710 NC	W9FEZ 317 2 8 1,330 IN
Morris RC W2YD 683 2 6 2,820 NNJ	Wellington RC K4WRC (+AJ1Q) 752 2 60 2,154 SFL	Eastern Shore ARC K4BW 408 2 16 1,706 VA	Highline ARC NC7G (+WA7ST) 276 2 15 1,330 WWA
Half Moon Bay ARC WR6HMB 638 2 10 2,818 SCV	Laurel ARC W3LRC 554 2 10 2,146 MDC	Vashon Maury Island RC W7VMI (+W7OZT) 209 2 48 1,706 WWA	Saskatoon ARC Inc. VE5AA 232 2 16 1,328 SK
Palms West ARC W4SS 699 2 33 2,804 SFL	Jasper Radio Club/Cherokee ARS K4ACW (+KJ4POX) 366 2 32 2,138 GA	Socorro ARA W5AQA 330 2 22 1,658 NM	Marion Cty ARS WA9MC 224 2 11 1,308 IN
Pueblo West ARC NA0PW (+KD0MBL) 537 2 7 2,792 CO	Gallatin Ham RC W7ED 737 2 20 2,132 MT	Citrus Cty ARC W4CRA (+W4R) 298 2 25 1,646 NFL	South Halton ARES VE3OKV 176 2 8 1,294 GTA
Coastside ARC WA6TOW 744 2 13 2,752 SCV	Olive Branch ARC W5OBM (+KD5IWH) 472 2 16 2,126 MS	Ellis Cty ARC W5DDH 303 2 25 1,626 NTX	3 Rivers Am Transmitting Soc NO4Q 270 2 14 1,290 TN
		Crown Radio Group W3RP 302 2 13 1,622 WPA	Trident ARC N4EE 260 2 11 1,286 SC
			Southern KY Am Transmitting Soc KY4AR 245 2 11 1,260 KY
			Playground ARC W4ZBB 234 2 14 1,250 NFL
			ROARS KK6LL (+KF6AUP) 150 2 45 1,250 SDG
			Auxiliary Com Service K6RCR (+KA6D) 169 2 17 1,248 ORG
			Lake of the Ozarks ARC N0ZS 287 2 20 1,242 MO
			NE WA ARC / Panoramaland ARC W7GHJ 172 2 25 1,234 EWA
			Clarksville Am Transmitting Soc KF4L 240 2 30 1,220 TN

Sierra ARC K6P 242 2 12 1,536 ORG	Androscooggin ARC & Oxford Cty CERT K1P (+W1OCA) 952 2 40 4,286 ME	South TX ARC N5CRP (+KF5NJQ) 258 2 38 1,940 STX	SARS W6CO 517 2 18 2,258 EB
Newark ARA N8ARA 245 2 40 1,532 OH	BCRC / SPR ARC VE3OW 1399 2 25 4,204 ONS	Winchester Pioneer ARC AC4YD 519 2 20 1,938 KY	Ft. Venango Mike & Key Club W3ZIC 456 2 6 2,124 WPA
Insurance City Rep Club K1CRC 364 2 15 1,478 CT	Orange Cty ARC W2HO 1055 2 88 4,152 ENY	Western Carolina ARS W4MOE (+W4MOE) 257 2 21 1,836 NC	Warrensburg Area ARC W0AU 395 2 9 2,012 MO
Western Reserve ARC W8WRC 173 2 60 1,424 OH	LaGrange ARC AB4KE (+AD4GS) 863 2 40 4,146 GA	Briarpatch ARC W4BRC 222 2 64 1,788 VA	Silver Springs RC K4GSO (+KK4JIV) 355 2 11 1,880 NFL
Orange Cty ARC KB9OHY 218 2 11 1,386 IN	Wayne Cty ARA W4HS (+W4GOL) 794 2 49 4,112 NC	Fannin Cty ARC K5FFRC 245 2 13 1,760 NTX	Enid ARC W5HTK 196 2 10 1,274 OK
Five Flags ARA W4UC 145 2 38 1,302 NFL	Iredell Cty ARS W4SNC 1122 2 17 4,104 NC	Bluefield East River ARC W8MOP 289 2 12 1,744 VA	Radio Adventurers of ME K1B 94 2 6 1,066 ME
North Hills ARC WV3E 155 2 24 1,294 WPA	Holland ARC K8DAA 1001 2 25 4,028 MI	CORE Group AA4TA (+W4CHM) 425 2 8 1,728 TN	7A OCARC Orange Cty ARC W6ZE (+W6ETC) 5419 2 108 17,970 ORG
Lancaster & Fairfield Cty ARC K8QIK 200 2 19 1,260 OH	South Waterlooc ARC VE3SWA 920 2 5 3,998 ONS	Norfolk ARC VE3SME 309 2 15 1,694 ONS	Lake ARA K4FC (+KT4Q) 5071 2 31 16,934 NFL
Lamorinda Area Rad Interest Group K6ORI 187 2 19 1,224 EB	Goshen ARC N9HZ 820 2 9 3,996 IN	Wilson ARC WC4AR 270 2 25 1,664 TN	599 DX Assn NA5NN (+KZSDX) 3605 2 39 13,090 MS
Alphalpa Rep Group W4A 148 2 16 1,152 WCF	Sierra Nevada ARS W7TA (+KG7HBY) 809 2 13 3,952 NV	Riverland ARC WR9ARC 139 2 22 1,568 WI	Lake Cty ARA N8BC 2226 2 40 8,794 OH
Maple Ridge ARC VE7CMR 300 2 16 1,150 BC	Clinton Cty ARA & Highland ARA W8O (+W8GO) 992 2 43 3,884 OH	TCARES K6TUO 290 2 20 1,552 SJV	Big Bear ARC K6BB 1664 2 20 6,592 ORG
VE7CMR 300 2 16 1,150 BC	W7SST 946 2 10 3,830 OR	K6TUO 290 2 20 1,552 SJV	W6TRW ARA W6TRW (+KE6YEX) 2341 2 24 6,434 LAX
K0SEK 113 2 13 1,134 KS	Shenandoah Valley ARC W4RKC 876 2 16 3,782 VA	Toothless Talkers N8IVE 438 2 12 1,526 OH	Calaveras ARS N6FFRG (+NV6V) 805 2 15 4,132 SJV
Isothermal ARC K4F 260 2 15 1,128 NC	W4RKC 876 2 16 3,782 VA	Somerset Cty ARC K3SMT 442 2 36 1,524 WPA	Ak-Sar-Ben ARC K0USA 1000 2 30 4,092 NE
High Desert ARG W7JVO (+N7VME) 296 2 8 1,126 OR	Penn Wireless Assn W3SK 945 2 22 3,582 EPA	South East Metro ARC W0CGM 380 2 8 1,522 MN	AG6AU 1036 2 50 3,978 SV
DE Valley Ragchew Club N2HQX 67 2 12 1,092 SNJ	Owatonna Steele Cty ARC N0UW 820 2 47 3,564 MN	W0CGM 380 2 8 1,522 MN	Coastal ARS W4HLS 1166 2 34 3,632 GA
Yadkin Valley ARC KE4YVF 164 2 5 1,054 NC	Chenango Valley ARA W2RME (+N2YYP) 704 2 21 3,486 WNY	Jonestown Mtn Rep Assoc N3CSE 311 2 16 1,516 EPA	Delta ARS VE7SUN (+VE7LEE) 570 2 40 3,230 BC
Brookings Radio Rese ARC W0BXO 233 2 15 1,016 SD	Tryon ARC K2JJI (+K2ALS) 586 2 20 3,428 NNY	N7JN 152 2 33 1,434 WWA	Kent ARS K3ARS 416 2 10 2,890 MDC
Pine Mtn ARC W6P 171 2 35 992 SJV	Fi Myers ARC W4LX (+KM4CGS) 704 2 22 3,422 SFL	Magic Valley ARC K7MVA 351 2 17 1,414 ID	Whitman ARC W1AY 537 2 35 2,514 EMA
Mercury Northwest W7MNV (+Y7YON) 35 2 30 982 WWA	RF Hill ARC W3AI 883 2 20 3,210 EPA	Huntington Beach RACES W6O 94 2 15 1,342 ORG	North Bay ARA K6LI 367 2 20 2,404 EB
Oak Forest ARC KE5TRB 145 2 8 962 STX	Saginaw Valley ARA K8DAC 773 2 15 3,098 MI	Ottawa Valley Mobile Radio VE3RAM (+VA3CUA) 175 2 12 1,312 ONE	Crawford Cty ARC W8BAE 580 2 14 2,162 OH
Elk Grove Florin ARC W6EGF 139 2 12 928 SV	Mohave ARC K7MPP 604 2 20 2,874 AZ	Elk Cty ARA N3NIA 200 2 12 1,150 WPA	South Wake ARC NE4DX (+N4SWC) 336 2 50 2,038 NC
Pioneer ARC K0JFN 161 2 40 834 NE	Morongo Basin ARC W6BA (+K7RBD) 659 2 89 2,866 ORG	N3NIA 200 2 12 1,150 WPA	Kitchener Waterloo ARC VE3IC 370 2 18 2,004 ONS
Brantford ARC VE3BA 166 2 6 832 ONS	MGRA / CGARC K4B (+WR4MG) 738 2 60 2,860 GA	St Joe Cty ARES/RACES AD8W 99 2 9 572 MI	8A Brazos Valley ARC KK5W 3763 2 68 14,924 STX
220 Mhz Guys. WM9W (+K8DTUT) 142 2 20 754 IL	Genesee Cty RC W8ACW (+WA8MY) 593 2 19 2,688 MI	AD8W 99 2 9 572 MI	Gwinnett ARS/ Gwinnett ARES W4GR (+K4YDB) 2982 2 119 10,570 GA
W0EMZ 40 2 8 630 MN	Garden City ARC K8GC 537 2 48 2,664 MI	South Jersey Radio Assn K2AA (+W2EA) 4304 2 48 13,572 SNJ	Mahoning Valley ARA W8QLY (+K8BNZF) 2167 2 59 8,072 OH
Allegan Co ARC AC8RC 57 2 26 606 MI	Broken Arrow ARC W5DRZ (+KG5AJUN) 442 2 75 2,604 OK	Hampden Cty RA W1NY 3789 2 60 12,558 WMA	Nashua Area RC N1FD 2109 2 30 7,930 NH
Regional EmComm & Weather Assn WW2FD 98 2 6 496 ENY	River City Air Com Soc N6NA 670 2 6 2,580 SV	N4N (+N4G) 3089 2 16 11,806 GA	Raleigh ARS W4DW (+N4RAL) 2374 2 65 7,790 NC
5A	Tishomingo Cty ARC W5TCR 540 2 9 2,542 MS	Stanwood Camano ARC W7PIG (+K7UDG) 2546 2 89 9,310 WWA	Ft Smith ARC W5ANR 1907 2 25 7,258 AR
Loudoun AR Group K4LRG (+N3FQ) 6002 2 63 19,028 VA	SciCSG W9SCI (+W9SIR) 323 2 22 2,488 IN	Culpeper ARA W4CUI (+KC4QP) 2018 2 50 9,044 VA	Ventura Cty ARS / Simi Settlers ARC N6R 1824 2 40 5,448 SB
Andrew Johnson ARC W4WC 2592 2 23 9,994 TN	Kokomo ARC W9GO 665 2 24 2,486 IN	Fox River Radio League W9NE (+W9CEQ) 2533 2 57 8,914 IL	Wabash Valley ARA W9UUU (+K9CAT) 953 2 25 4,474 IN
Sussex Cty ARC W2LV 2550 2 25 9,356 NJJ	San Antonio RC W5SC 407 2 34 2,480 STX	Central MA ARA W1BIM 1532 2 24 6,592 WMA	KB5TX 1037 2 35 4,468 STX
WA Amateur Com WA3COM (+KC3HW) 1880 2 18 7,472 WPA	Haywood Cty ARC KW4P 728 2 17 2,426 NC	Ft Wayne RC W9TE (+KB9DOT) 1522 2 62 6,494 IN	Sangamon Valley RC W9DUA 403 2 10 2,202 IL
Rappahannock Valley ARC K4TS (+W4IM) 1860 2 25 7,442 VA	Toronto ARC VE3TNC (+VE3BGD) 531 2 20 2,404 ONS	Catalina RC W7SA 1749 2 25 5,744 AZ	Peak Radio Assoc W7PRA 469 2 20 2,114 OR
Central KY ARS AJ4A 2177 2 18 7,264 KY	Toledo Mob Rad Assn W8HHF 441 2 48 2,394 OH	Du Page ARC W9DUP (+KD9AUM) 1244 2 60 5,454 IL	9A W4B (+W4SVI) 835 2 30 4,482 SFL
Bergen ARA K2BAR (+KD2GPT) 2219 2 56 7,218 NJJ	Bridgerland ARC W7IVM 429 2 55 2,354 UT	Bellbrook ARC W8DGN 1015 2 69 4,858 OH	Forsyth ARC W4NC (+W4WS) 1069 2 43 4,408 NC
LIM ARC W2VL (+WV2LI) 2008 2 85 6,986 NLI	W9MKS (+K9ZQ) 360 2 50 2,308 IL	W8DGN 1015 2 69 4,858 OH	Ventura Cty ARC K6MEP 716 2 17 3,100 SB
Fountain Valley Am Com team & West Coast ARC WA6FV 2036 2 20 6,654 ORG	W0TX (+W0OIU) 434 2 41 2,282 CO	Pasadena RC W6KA 1021 2 76 4,370 LAX	Barry Cty ARC K8BMI 323 2 20 2,286 MI
Lorain Co Wireless Operators NW8S 1736 2 21 6,394 OH	Red River Radio Amateurs W0ILO 512 2 11 2,278 ND	RASON N1NW 875 2 24 4,110 CT	Stanislaus ARA W6ERE (+K6JRO) 393 2 27 1,996 SJV
Kilocycle ARC W5SH 1441 2 20 6,144 NTX	Wood Cty Em Com WC8EC 289 2 34 2,272 WV	Fulton Cty ARC K8BXQ (+K8LI) 799 2 12 3,846 OH	10A Woodbridge Wireless W4IY (+W4PIO) 5274 2 35 18,224 VA
Niagara Peninsula ARC, Inc. VE3VM (+VA3ROW) 1626 2 35 6,128 ONS	Pilot Knob ARC K5OLV 474 2 9 2,264 KS	Northern KY ARC K4CO (+KY4DH) 731 2 30 3,566 KY	VE3MIS (+VE3RCX) 2043 2 44 7,818 GTA
Cheshire Cty DX ARC AD1T 1817 2 25 5,958 NH	Radio Amateurs Skagit Cty N7GDE 442 2 22 2,164 WWA	Antietam Radio Assoc W3CWC (+W3HAG) 587 2 58 3,474 MDC	Anne Arundel RC W3VPR 1152 2 114 5,540 MDC
Hazel Park ARC W8HP (+W8JUX) 1390 2 20 4,818 MI	Schenectady ARA K2AE (+N2WDL) 409 2 25 2,158 ENY	Assn Radio Am of Long Beach W6RO (+NA6XR) 803 2 85 3,386 LAX	
York Region ARC VE3YRA (+VE3YRK) 1177 2 61 4,588 GTA	Midland ARC W8KEA 358 2 25 2,148 MI	Assn Radio Am of Long Beach W6RO (+NA6XR) 803 2 85 3,386 LAX	
Marple Newtown ARC & Mobile Sixers RC N3NZ (+W3AWA) 1031 2 44 4,566 EPA	Citrus Belt ARC W6JBT 388 2 25 2,068 ORG	Copper Country RA Assoc & Keweenaw Cty Rep Assoc W8CDZ 534 2 15 2,778 MI	
Lancaster ARC W2SO 1163 2 25 4,508 WNY	San Diego Sixshooters ARC K16BJN 420 2 25 2,004 SDG	Lodi ARC N6SJV 488 2 25 2,398 SJV	
Warminster ARC K3DN 1404 2 35 4,478 EPA	Indiana Cty ARC W3BMD 550 2 16 1,976 WPA	Kern Cty Central Valley ARC W6LIE 604 2 35 2,320 SJV	
Butler Cty AR Assn W3JDX (+AA3YW) 1027 2 5 4,446 WPA		Western Placer ARC K6PAC 457 2 37 2,288 SV	

HP Boise ARC / Voice of Idaho
 AB7HP (+W7VOI) 557 2 30 3,262 ID
 South Bay ARS
 K6QM 420 2 30 2,626 SDG

12A
 W2MMD (+KC2SJ) 2574 2 29 10,826 SNJ

16A
 Conejo Valley ARC
 AA6CV (+K6KY) 1292 2 102 6,216 SB

28A
 W1AW/3 (+W3AO) 11233 2 80 36,730 MDC

1A Battery

CO QRP Club
 W0CQC 1186 5 7 12,290 CO
 Chew's Ridge Gang
 K6MI 1051 5 8 11,400 SCV
 Hunters Ridge Hams
 NK9R 411 5 6 5,060 GA
 Island Contesters
 VE7QF 420 5 5 4,630 BC
 New England QRP Group
 K1DFT 410 5 5 4,395 ME
 New England Radio Discussion Soc
 K1A 297 5 16 3,270 ME
 PA Knightlites
 KA2QPG 265 5 9 2,805 WPA
 Elk Neck Canoes
 AC3V 280 5 6 2,625 MDC
 Jacksonville Chiggers
 AA5TB 209 5 6 2,365 NTX
 Club Radio Amateur Sorel Tracy
 VE2CBS 190 5 8 2,365 QC
 Prairie Contesters
 N0UD 201 5 3 2,260 ND
 Wolf Creek Crazyies
 K7UT 236 5 3 2,190 UT
 Hiawatha ARC
 WA0W 197 5 10 1,945 KS
 Los Chupacabraderos
 K5AXW 150 5 6 1,755 STX
 Cranes View Lodge ARC
 N4CIVL 91 5 6 1,705 NFL
 Reno City ARA
 W0WR 119 5 25 1,545 KS
 Club Radio Amateur Maskoutains
 VE2CAM 93 5 3 1,430 QC
 N05FF 168 5 9 1,280 IA
 Northern Vermont QRP Soc
 N1QS 159 5 6 1,045 VT
 Tick Bite Trio
 K4RET 131 5 3 980 VA
 K2QR 38 5 4 830 WNY
 Palo Cedro Ham Radio Club
 N6VLH 55 5 3 725 SV
 Yarmouth RC
 W1YAR 50 5 5 700 ME
 Marconi ARC of Newfoundland / Signal Hill
 Splinter Group
 VO1MRC 6 5 11 510 NL
 OMARC Lite
 KC2SVS 18 5 4 390 NNJ

2A Battery

Explorers Radio Club
 NA3DX (+K3NDM) 725 5 12 8,080 MDC
 Wireless Assoc of South Hills
 WA3SH 355 5 5 4,100 WPA
 South Plainfield ARC
 NJ2SP 373 5 11 4,080 NNJ
 West Park Radiops
 W8VM 362 5 25 3,630 OH
 Central OH Operator Klub Extra – Novice
 W8FD 328 5 19 3,480 OH
 3 Old Guys
 N0YJ 250 5 3 2,900 KS
 Walton Radio Assoc
 W2LZ 211 5 8 2,560 WNY
 WB4AWM Memorial QRP Soc
 W4DGH 219 5 35 2,530 AL
 3 Y's Guys
 W0UY 182 5 3 2,135 KS
 East Greenbush ARA
 W2EGB 525 2 17 1850 ENY
 Boschveldt QRP Club
 W3BQC 193 5 4 1,825 EPA
 Ottawa Valley QRP Soc
 VA3OVQ 89 5 3 1,555 ONE
 Yellowknife ARS
 VE7BK 70 5 5 1,430 NWT
 Pearl River City Amateurs RC
 W5PMS 86 5 20 1,180 MS
 North TX Antenna Design Consortium
 N5ANT 92 5 3 810 NTX
 Shantley High School ARC
 KD0TCP 89 5 4 785 MN
 U of UT Amateur Radio
 KB0LQJ (+W7YMG) 9 5 3 735 UT

Hat Creek Ham RC
 K6SDX 6 5 3 680 SV

3A Battery

Club SOTA
 W5YA 1555 5 8 15,775 NM
 Reno QRP Group
 W7ST 363 5 12 4,510 NV
 Salem ARC
 W7SAA (+W7SDP) 424 5 30 4,475 OR
 Gateway ARC
 K4GAR 157 5 125 2,165 GA
 Scotty's Nevada Pine Nuts
 N7QC 181 5 6 1,790 NV
 Barstow ARC
 WA6TST (+KC6IHH) 170 5 35 1,675 ORG
 ARC of Alameda
 K6QLF 59 5 15 1,310 EB
 Lonesome Lark Radio
 K5LLR 59 5 4 1,045 STX
 N8B 40 5 3 1,015 OH

4A Battery

KnightLites QRP Assoc
 W44RP 972 5 12 9,945 NC
 Zuni Loop Mtn Expeditionary Force
 K6Z 906 5 7 9,305 LAX
 Colorado QRP Club
 N0CQC 249 5 26 3,270 CO
 Southern MI ARS
 W8DF 377 5 59 2,975 MI
 Portland ARC
 W7LT 242 5 11 2,850 OR
 Elgin ARS
 VE3RSE 197 5 10 2,455 ONS
 Houston QRP Club
 W5MSQ 193 5 14 2,430 STX
 St Louis QRP Soc
 NF0R 95 5 12 2,095 MO
 McMinnville ARC
 W7G (+W7YAM) 120 5 75 1,945 OR
 Snake River ARC
 K7SI 107 5 4 1,625 ID

5A Battery

North Coast ARC
 N8NC 213 5 25 2,055 OH

6A Battery

West Valley Amateur Radio Assoc
 K6EI (+W6ZZZ) 2091 5 25 20,125 SCV
 Durham Region QRP Club
 VE3QDR 640 5 6 7,055 ONE

7A Battery

David Sarnoff ARC
 N2RE 412 5 51 5,115 SNJ

9A Battery

Orange Cty Radio Amateurs / Durham FM Assn
 W4EZ 1890 5 46 17,440 NC

10A Battery

Utica Shelby Em Com Assoc
 K8UO 1174 5 53 11,390 MI

1A Commercial

Pathfinders ARC
 VA4PAR 705 2 10 1,760 MB
 Camping with Radios
 N6M 357 2 6 1,430 SDG
 Southern MS YL
 KB5MZ 67 2 5 790 MS
 Steve Lewis ARC
 W8C 178 2 3 606 OH
 KB7PJH 92 2 4 436 MT
 Chicago FM Club
 WA9ORC 125 2 20 400 IL
 K4NGA 113 2 8 348 GA
 South Tidewater ARC
 W4HDW 142 2 6 334 VA
 Williams Cty ARA
 W8JDM 11 2 5 72 OH
 W3WFI 23 2 3 46 MDC

2A Commercial

Radio Central ARC / Order of Boiled Owls of NY
 W2FC (+KW2O) 1780 2 22 6,470 NLI
 KS State Alumni Radio Team
 K0DNG (+W0RPZ) 838 2 4 3,152 MO
 Spartanburg ARC
 K4II (+K4JLA) 876 2 25 3,146 SC
 Henry Cty ARC
 W9OB 1026 2 10 2,522 IN
 Barnstormers Contest Group
 NZ1U 624 2 4 2,520 CT

San Diego ARES
 KG6IYN 1076 2 3 2,452 SDG
 Lewes ARS & Sussex ARA
 W3LRS 406 2 5 1,724 DE
 Mora Open Rep Assn
 KJ9W 303 2 6 1,652 MN
 Otumwa ARC
 WA0DX 465 2 6 1,446 IA
 WA2LQO 469 2 15 1,372 NLI
 Skyline Tower ARC
 W7DTV 647 2 5 1,344 OR
 Milledgeville ARC
 W4M 297 2 19 1,314 GA
 West Morris ARC
 KD2GLZ (+KB2UNZ) 262 2 7 1,014 NNJ
 Daviess Cty ARC
 KC9SFL 141 2 15 1,014 IN
 Benton City ARC
 K0KBX 262 2 30 964 IA
 Coon Valley ARC
 N0NAF 203 2 3 890 IA
 Cascade RC
 W7EK 272 2 22 890 WWA
 Wantagh ARC
 W2VA 82 2 11 762 NLI
 Arlington ARC
 W4WVP 193 2 14 756 VA
 Chautauqua AR Serv
 N2MQ 242 2 15 654 WNY
 Valley RC
 W7PXL (+KG7MQD) 171 2 15 616 OR
 Champaign Cty ARES
 WB8UCD 113 2 9 448 OH
 Janet Club
 KK6JA 74 2 7 388 SCV
 Polk Cty ARA
 N9XH 121 2 7 352 WI
 Coyote ARC
 KN5S 100 2 4 350 STX
 W4FAR 91 2 6 332 NC
 N8USK 85 2 3 324 OH
 Hilton Head Island AR
 W4IAR 48 2 10 184 SC
 Mackenzie Regional RC
 VE6MRF 61 1 10 117 AB

3A Commercial

Zamora RC
 W4ZHR (+N4JF) 1548 2 23 6,266 AL
 ARK of the AR Northwest
 AA5AR (+N5NTI) 1507 2 28 6,178 AR
 Splitrock ARA
 K2GG 1868 2 20 5,960 NNJ
 Southwest Dallas Cty ARC
 W5WB (+W5AUJ) 1391 2 87 5,832 NTX
 Pottstown Area ARC
 W3T (+K3ZMC) 1294 2 45 5,266 EPA
 Macon Cty ARC
 N0PR (+AB0C) 1004 2 14 4,138 MO
 Fayette Cty ARC
 KK4GQ 822 2 20 3,240 GA
 Coshocotn Cty ARA
 W8CCA 552 2 14 2,650 OH
 Kootenai ARS
 K7ID 511 2 47 2,308 ID
 N5BTC 456 2 26 2,102 STX
 South Baldwin ARC & Lillian ARG
 AF4I 415 2 35 2,020 AL
 Radio Assoc of Western NY
 W2PE 562 2 23 1,908 WNY
 High Point ARC
 W4UA (+K1JWG) 673 2 18 1,856 NC
 Drake RC
 K8UU 612 2 12 1,616 OH
 Flagler Palm Coast ARC
 W4FPC 305 2 14 1,462 NFL
 Hillsdale Cty ARC
 K8HRC (+KB9YJH) 288 2 23 1,360 MI
 K5RKW 342 2 26 1,298 NTX
 Magnolia DX Assoc
 K5MDX 322 2 16 1,292 MS
 Talladega ARC
 N4WNL 481 2 5 1,232 AL
 Lakes Area ARC
 W5JAS 190 2 15 1,220 STX
 Camden Cty ARS
 KB4CC 317 2 10 1,056 GA
 Tompkins Cty ARA
 AF2A 305 2 9 1,044 WNY
 Bankhead ARC
 N4IDX 373 2 16 1,006 AL
 Worthington ARC
 K0QB 158 2 5 796 MN
 Wellesley ARS
 W1TKZ 132 2 26 790 EMA
 Prince Georges Cty ARES
 K3ERA 146 2 4 550 MDC
 Katy ARS
 KT5TX 208 2 10 416 STX

Berks ARC
 K3TI 62 2 14 124 EPA

4A Commercial

Sawnee ARA
 N4NE 1848 2 54 6,584 GA
 Cumberland ARC
 K3IEC 531 2 26 1,874 EPA
 Mississippi Coast ARA
 W5SGL 375 2 34 1,658 MS
 K0DCA 244 2 31 1,214 MO
 Bear Bait RC
 KC2ZZO 493 1 10 1,204 NNY
 West Fork ARC
 WQ5A 540 2 8 1,130 NTX
 Tri-City Amateurs
 KC9OLF 218 2 15 1,032 IN
 Black Diamond ARC
 WV8BD 236 2 15 922 WV
 Mayes Cty ARC / Rogers City Wireless Assn
 WX5RC 113 2 22 726 OK
 Black Diamond Radio Group
 W19BD 308 2 10 664 WI
 K7BD 187 2 30 604 WWA
 BOARS
 KE8CU 136 2 4 534 MI
 Lawrence Cty ARC
 W5WRA 24 2 10 406 AR
 Grayson Cty ARC
 K5GCC 53 2 27 342 NTX

5A Commercial

Frontenac Radio Group
 VE3FRG 1423 2 6 3,556 ONE
 W9CQ 480 2 8 1,970 WI
 NE AR RC
 K5NEA 272 2 18 1,812 AR

1B-1 Op

N7OU 1538 2 1 6,402 WWA
 KJ6YQ 1168 2 1 4,844 SDG
 N6RK 1063 2 1 4,458 SV
 K1BG 1231 2 1 4,416 WMA
 AB9CA/4 665 2 1 2,910 AL
 N5OE 654 2 1 2,866 NTX
 KA2OUO 638 2 1 2,496 MDC
 KM5VI 2256 1 1 2,406 STX
 K8ER 481 2 1 2,074 MI
 W09Z 880 2 1 2,010 IN
 N4UF 461 2 1 1,994 NFL
 N7DLV 571 2 1 1,692 WWA
 VE7JKZ 366 2 1 1,614 BC
 W0XR 365 2 1 1,610 CO
 N0UY 344 2 1 1,526 MN
 W2JDY 366 2 1 1,478 NC
 KE2WY 366 2 1 1,452 WNY
 WA9STI 398 2 1 1,440 SJV
 KB8JHN 615 2 1 1,430 OH
 K7JEO 572 2 1 1,394 UT
 W9WI 298 2 1 1,356 TN
 C6AGU 250 2 1 1,250 DX
 W5JMW 233 2 1 1,238 WTX
 W9KHH 207 2 1 1,178 WI
 N8TD 204 2 1 1,166 OH
 WB0SMX 197 2 1 1,138 AZ
 K0VK 411 2 1 1,122 CO
 AB6GS 400 2 1 1,050 SJV
 K7YB 240 2 1 992 MT
 N3ZP 226 2 1 962 EPA
 KU7K 214 2 1 952 OR
 AA1PL 209 2 1 942 ME
 AD7DD 78 2 1 942 EWA
 W0RX 192 2 1 910 MN
 AG4P 200 2 1 786 TN
 K0ADL 265 2 1 780 CO
 KC7O 277 2 1 754 ORG
 AA7AD 50 2 1 650 EWA
 K2HT 125 2 1 650 MO
 KA0REN 118 2 1 622 MO
 W0KIE 34 2 1 618 OK
 WA1AR 113 2 1 602 EMA
 KD5BBR 150 2 1 600 OK
 KH6VA 212 2 1 574 SV
 AH6KO 78 2 1 550 PAC
 K6KS 100 2 1 550 SV
 K6PDQ 95 2 1 540 SB
 K7DNH 144 2 1 538 NV
 N5DD 134 2 1 520 NTX
 WB9WHG 41 2 1 514 WI
 W5LSRP 90 2 1 514 STX
 K4PP 109 2 1 512 AL
 KA2OEE 180 2 1 510 AR
 AC7CJ 22 2 1 494 EWA
 VB8GER 166 2 1 482 NWT
 AK4OH 111 2 1 472 VA
 KA1QYP 110 2 1 470 RI
 WA4RG 67 2 1 462 GA
 KL7WP 88 2 1 452 EWA
 W1FAW 149 2 1 448 EMA
 KX7L 99 2 1 446 OH
 N6AE 48 2 1 446 SV
 VE7HLW 148 2 1 446 BC
 N6IV 117 2 1 416 SJV
 WB9QAF 27 2 1 412 NE
 W6PZA 70 2 1 390 SV
 KD8UXB 33 2 1 382 OH
 K9ZXO 49 2 1 382 IL

