

# The Agony and The Ecstasy - Field Day 2011

(Well, mostly the Ecstasy...)

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In 1897, the great American author Samuel Clemens (better known as Mark Twain) wrote to a friend concerning Clemens's ill cousin "The report of my illness grew out of his illness, the report of my death was an exaggeration." This oft-used quote came to mind while I was preparing the results for the ARRL's largest on-the-air Amateur Radio operating event — the *Sound and the Fury* known as ARRL Field Day. During my travels, I frequently hear the tales lamenting the pending demise of our hobby. When I look at the numbers and stories that make up ARRL Field Day 2011, however, I believe that the stories of the demise of Amateur Radio are, to quote Clemens, "an exaggeration." That connection led to other famous authors and great works of literature to tell the tale of Amateur Radio at its best in the year 2011...

For many, the fourth full weekend of June evolves into a fleeting *Utopia* — a place where all is right and good in the world. For an all-too-short period, tens of thousands of amateurs across the US, Canada, and seven other countries around *The Good Earth* found unique ways to blend everyday life and their passion for radio into a unique demonstration of public service, operating skills and fun. The *Revolutionary Road* of Field Day runs through every state in the Union and all 80 ARRL Sections. This year a reported 39,246 participants looked *Beyond the Horizon* to share in the unique spirit that is Field Day. That is a record number of participants and is an increase of 4% from the previous high set just last year. Aside from a record number of participants, a record 2666



## Top 10 Claimed Scores

Call Sign	Score	Class
W3AO	38,764	25A
W9CA	23,014	3A
K6EI	20,845	7AB
W0CQC	19,130	2AB
K1R	18,850	5A
W4UNC	17,035	9AB
K7UM	16,668	4A
W4DW	16,606	9A
K8UO	16,410	14AB
K4LRG	16,400	5A

entries arrived at ARRL for inclusion in this year's event.

Field Day allows groups and individuals to participate at their own pace and in their own style. Each entry is an effort to see if they have *What It Takes*. Some look to activate stations familiar and comfortable, while others look at this as a chance to see the *Return of the Native* environment. Whether setting up at *Washington Square* in the city, on *Walden Pond* in the country or across *The Great Bridge*, many participants chose to wander through the *Leaves of Grass* to make the weekend event memorable. Sixteen-

Above: Not your normal "pirates"... These are fully licensed amateurs whose only intent was plundering golden QSOs during a Wyoming Field Day.

hundred thirty-four (1634) groups answered *The Call of the Wild* and set up in true Field Day spirit in the various Class A and B categories away from the creature comforts of home. As usual, the standard Class A stations led the way with 1316 entries — 49.4% of all entries received. The next largest number of entries was the 420 Class D entries. Many people choose to operate from home as Class D or E stations because of a variety of reasons. These two classes represent 27.5% of all entries and demonstrate that home stations do not represent a *Paradise Lost*. On the contrary, the skills developed by the home (and EOC) stations have a vital role to play, as are participants end up as *The Good Companions*. There is no reason to have a sense of *Pride and Prejudice* about any operating class — especially when the bottom line for Field Day is to maximize the fun of the weekend!

So many elements go into a successful Field Day and in most cases, the starting point for the *Pilgrim's Progress* through the weekend is the group's Field Day chair. Before the first contact is ever made, there is always a *Discourse on Method* of the best way to "do it" this time around. Many details are addressed once you start the planning. Some groups pride themselves on being self-contained once they arrive at their site, knowing that *You Can't Go Home Again*. Safety is always a concern, because Field Day is not where you necessarily want to do *Experimental Researches in Electricity*. Praying for *Deliverance* from a passing thunderstorm or severe weather event is no

substitute for planning and preparation. If you have not thanked the club officials or Field Day chair for their efforts, remember to do so. Their efforts hopefully saved your group from experiencing *The Divine Comedy* of being visited by Murphy.

One of the most important components of Field Day is publicity. There is value to seeing the story of Amateur Radio told — whether on the television, web-based news outlets, print newspapers or even in an *American Tabloid*. The efforts of the ARRL Public Relations Committee and the hundreds of state and local PIOs and PICs paid off this year. This *Midsummer Night's Dream* opportunity led to more media hits than the ARRL has ever had reported. Amateur Radio was visible on the video board in New York's Times Square as well as active with local journalists from *Our Town*. Many thanks go to the dedicated women and men who actively use their talents and skills to help promote the Amateur Radio story.

The actual Field Day period itself can be as exciting as opening the *Gift of the Magi* or as potentially troublesome as experiencing the *Grapes of Wrath*. Whether things for your group ran as smoothly as *A Clockwork Orange* or was reminiscent of *One Flew Over The Cuckoo's Nest*, another of the key components of the weekend is to have an *Advancement of Learning* for all participants. Nearly one-third of all groups claimed the Educational bonus. Hundreds of groups hosted representatives from served agencies and local governmental officials. Showing these important visitors that Amateur Radio has *The Right Stuff* is an ongoing exercise in *The Expanding Universe* of today's world.

Dozens of ARRL officials — Division Directors, Vice-Directors, Officers, Section Managers and Section Emergency Coordinators — made the effort to visit sites in their areas and show support to the amateurs in attendance. They logged more miles than covered in *Gulliver's Travels*, but did so because they love the experience of sharing in the enthusiasm. At *Parade's End* they may be tired, but have learned a great deal that helps them better represent the amateurs they represent and serve. The added perk? *A Moveable Feast* of Field Day cuisine that is hard to describe — or resist.

Once the actual operating begins the *Doors of Perception* open. Digital contacts increased by 7.4% — further evidence that new technologies and equipment allow amateurs to keep pace with the time. As for the belief that CW is dying? Well, we can once again use the Clemens' quote that the report of the death of CW is "exaggerated" — by the end of Field Day, the most CW contacts in the last 17 years were entered into *The Golden Notebook*. A total 1.4 million contacts were reported. That's an average of almost 1000 QSOs per minute logged.

## Participation By ARRL Section

Section	Entries	Section	Entries	Section	Entries	Section	Entries
AB	8	KY	26	NNJ	42	SFL	25
AK	7	LA	22	NNY	13	SJV	26
AL	36	LAX	39	NTX	60	SK	4
AR	29	MAR	11	NV	12	SNJ	19
AZ	59	MB	6	NWT	1	STX	69
BC	22	MDC	53	OH	134	SV	31
CO	65	ME	19	OK	19	TN	60
CT	37	MI	92	ON	78	UT	26
DE	8	MN	49	OR	49	VA	75
DX	8	MO	51	ORG	49	VI	2
EB	21	MS	25	PAC	9	VT	10
EMA	29	MT	19	PR	6	WCF	22
ENY	31	NC	73	QC	29	WI	53
EPA	61	ND	6	RI	12	WMA	15
EWA	20	NE	13	SB	8	WNY	49
GA	63	NFL	49	SC	33	WPA	50
IA	31	NH	24	SCV	34	WTX	11
ID	19	NL	2	SD	6	WV	17
IL	79	NLI	32	SDG	24	WWA	74
IN	55	NM	27	SF	10	WY	6
KS	34						

## General Field Day Statistics

Year	2011	2010	2009	2008	2007	2006
CW QSOs	577,181	540,419	556,525	506,139	511,580	518,799
Digital QSOs	45,099	41,872	38,340	27,869	22,112	21,459
Phone QSOs	812,083	747,419	765,536	702,847	679,240	696,567
Total QSOs	1,434,363	1,329,710	1,360,401	1,236,855	1,212,932	1,236,825
Total Entries	2,666	2,648	2,642	2,409	2,331	2,199
GOTA	463	467	470	447	467	432
Participants	39,287	37,764	37,592	35,798	34,833	32,506

Think about that one a second.... Thanks to *Midnight's Children* and those who know *The Sun Also Rises* for staying in the chairs and keeping the bands active. That amount of activity shows the operator at most sites was not the *Invisible Man*.

Alas, Field Day ultimately comes to *This Side of Paradise*, and the operating ends. But that does not mean it is over. After *The Power and The Glory* of the event subsides, Field Day is truly *The Never Ending Story*. The Field Day reports must be assembled and submitted to ARRL. For several years, the simplest and easiest way to do this has been to send the

summary via the [www.b4h.net/cabforms](http://www.b4h.net/cabforms) website provided by volunteer Bruce Horn, WA7BNM. Nearly three-quarters of all Field Day entries are handled by this site. This allows a more accurate handling of the data. If you know Bruce, pass along a big "thanks" for his dedication and contribution to this event.

Eventually there is the final treasure of Field Day — the ability to share you and your group's individual story with thousands of others. When you visit the ARRL Online Soapbox at [www.arrrl.org/soapbox](http://www.arrrl.org/soapbox) you will find over 100 participants have left their *Remembrance of Things Past* for others. Visit the site and read some of the funny and educational experiences. You may find some hints or ideas to try next year. While you are there, leave your own experience to share with others. You may find yourself inspired.

When all is said and done, there are few experiences in Amateur Radio that rival Field Day. The challenge is finding ways to maximize participation and fun. For some, it is tough to find *The Will To Power* on the radio that weekend. Others do not want to stop because it is so hard to say *So Long See You Tomorrow*. We can each be the *Master and Commander* of our own operation, or we can become one of the *Brothers Karamazov* with our friends in the local club. Whichever you choose, here is hoping you have fun on the bands June 23-24, 2012. After all, it isn't a matter of *War and Peace* — it is ARRL Field Day! 73...

## Entries by Class

1A	149	1AC	9	1D	385
2A	387	2AC	36	2D	19
3A	349	3AC	33	3D	12
4A	125	4AC	13	4D	2
5A	83	5AC	8	5D	2
6A	37	6AC	3	1E	253
7A	21	9AC	2	2E	30
8A	10	1B1	35	3E	17
9A	7	1B1B	160	4E	9
10A	3	2B1B	1	5E	3
11A	1	1B1C	17	8E	1
25A	1	1B2	19	13E	1
1AB	18	2B2	9	1F	38
2AB	17	1B2B	36	2F	74
3AB	9	2B2B	11	3F	47
4AB	8	1B2C	8	4F	19
5AB	1	2B2C	3	5F	8
7AB	1	1C	62	6F	5
8AB	2	2C	7	9F	1
9AB	1	3C	1	10F	1
14AB	1			12F	1

## Scores

Class A stations are clubs or groups operating with three or more participants. 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.

### Class A Three or More Person Portable Stations

Call Sign	Participants	Power	QSOs	Score	State
<b>1A</b>					
SPAWAR Team					
K6AM	3610	2 6	11,134	SDG	
K5WA	1894	2 4	7,438	STX	
W0ICT	2091	2 3	6,898	KS	
Robert F Heytow Memorial RC					
K9YA	1375	2 4	6,250	IL	
Lafayette DX Assn					
W9LDX	1717	2 11	6,066	IN	
Murphy's Law Radio Group					
K5KJ	1489	2 7	5,544	NTX	
Case ARC					
W8EDU	1569	2 5	5,520	OH	
Hoosier DX & Contest Club					
KJ9D	1276	2 10	5,482	IN	
Federation of Am Radio Operators					
K9ZA	1457	2 3	5,398	IL	
Oconee District 17 FD Group					
W9DC	1449	2 7	5,332	SC	
Wayne ARC					
W8AV	1308	2 8	5,170	OH	
Sam Houston AR Klub					
A15M	1263	2 25	4,962	STX	
Bozo and the Lids					
W9TG	1031	2 5	4,772	IN	
Greer ARC					
W4IT	1298	2 10	4,574	SC	
VE2FET	997	2 7	4,556	QC	
Neurosa Gopher Munchers					
AE6C	997	2 3	4,478	SV	
FAULT					
K1LT	1058	2 5	4,358	OH	
NC Contesters					
N4PY	1262	2 3	4,304	NC	
Motorola ARC-Schaumburg					
K9MOT	1433	2 15	4,264	IL	
Union Metropolitaine des Sans-filistes de Montreal					
VE2UMS	1185	2 40	4,218	QC	
West Island ARC/Montreal ARC/Concordia Univ ARC					
VE2CUA	1125	2 20	4,110	QC	
N4A	935	2 4	3,990	NC	
Associated RA of SE New England					
W1AQ	1163	2 16	3,920	RI	
South Georgian Bay ARC					
VE3SGB	1360	2 6	3,690	ON	
Newton ARA					
W0WML	650	2 8	3,450	IA	
Dr Loomis Memorial Jr Mechanics League					
W3KDR	1070	2 7	3,318	MDC	
Texas DX Soc					
K5DX	1091	2 10	3,252	STX	
Pitkin ARC					
W0CO	883	2 7	3,150	CO	
Tucker Co FD Group					
K9NO	1045	2 6	3,134	WV	
Benton ARS					
K5NE	947	2 18	3,100	AR	
J&V Contesters					
WA0VPJ	1467	2 5	3,086	MN	
IOOK Vice Presidents					
W8ED	792	2 12	3,002	WV	
N5JB	684	2 3	2,974	NTX	
Page Valley ARC					
K4PMH	779	2 14	2,922	VA	
Athens Co ARA					
W8MHV	547	2 15	2,896	OH	
Eastern Panhandle ARC					
K8EP	779	2 12	2,608	WV	
Fort Madison Amateur					
WF0RT	497	2 25	2,566	IA	
RC of Redmond					
N7KE	660	2 14	2,490	WWA	
WPPS RC					
W7POE	414	2 3	2,206	MT	
W4SEC	464	2 3	2,206	NFL	
Sandia National Laboratories ARC					
W5MPZ	618	2 18	2,206	NM	
Juneau ARC					
KL7JRC	492	2 22	2,154	AK	
Hattiesburg ARC					
K5PN	921	2 25	2,152	MS	
Club Radioamateur de Beauce					
VE2CRB	441	2 8	2,094	QC	
Santa Barbara ARC					
K6TZ	432	2 16	2,076	SB	
ARA of Bremerton					
W7VE	518	2 6	2,060	WWA	
KU9Z	557	2 15	2,056	IL	
Acadiana ARA					
W5DDL	449	2 47	2,028	LA	
MalibuSix					
K16J	720	2 6	2,016	LAX	
SCVRA					
K0CD	367	2 15	1,918	WI	
Lanark-North Leeds ARES					
VE3LCA	508	2 8	1,908	ON	

Marshall Co ARC					
W0GCJ	348	2 15	1,902	KS	
Bitterroot AR Contest Group					
K7A	409	2 4	1,870	MT	
First State ARC					
K3QBD	462	2 30	1,848	DE	
KB9OFM	597	2 3	1,844	WI	
W7AZO	402	2 40	1,818	AZ	
Loudon Co ARES					
W4FLO	400	2 11	1,810	TN	
Hanburger's Helpers ARC					
K3HH	437	2 3	1,650	MDC	
N0SFF	520	2 11	1,646	IA	
SUHFARS					
N9EP	533	2 14	1,606	IL	
Greater Lansing DX Group					
W8HNI	335	2 3	1,590	MI	
SPARC					
KH6EL	1102	1 12	1,552	PAC	
KE0RR	320	2 3	1,532	MN	
Covey Hill ARC					
VE2CYH	325	2 15	1,528	QC	
Wiregrass Hams					
KC4HW	255	2 5	1,488	AL	
Lost Park Loggers					
WN0B	542	2 6	1,458	CO	
N4VG	600	2 9	1,450	AL	
Iowa City ARC					
W0JV	275	2 16	1,408	IA	
Mayerthorpe Flying Dinosaurs					
VE6FD	594	1 13	1,388	AB	
Utica ARC					
K2IQ	248	2 12	1,374	WNY	
Vicksburg ARC					
K5ZRO	536	2 8	1,372	MS	
Halton ARC					
VE3OD	197	2 12	1,348	ON	
Wireless Society of Southern ME					
WS1SM	208	2 10	1,290	ME	
Bawating ARG					
VE3LSC	213	2 10	1,218	ON	
Stanly Co ARC					
K4OGB	268	2 32	1,184	NC	
Great River ARC					
W0DBQ	252	2 17	1,154	IA	
Lake Chelan RC					
W7CH	350	2 3	1,150	EWA	
Burlington ARC					
VE3CJ	210	2 10	1,138	ON	
Parma RC					
W8PRC	254	2 32	1,122	OH	
Texins ARC/Richardson Wireless Klub/UTD ARC					
K5DM	343	2 14	1,112	NTX	
TERAC					
K7AUO	421	2 4	1,112	WWA	

Tidelands ARS					
K5BS	162	2 25	1,078	STX	
Maui ARC					
KH6RS	1020	1 10	1,070	PAC	
Groupe Radio VE2RMP RG					
VE2CUR	1014	1 12	1,069	QC	
Kewaunee Co ARES/RACES					
N9NX	250	2 6	1,048	WI	
Smoky Mountains AR Team					
N4GSM	117	2 3	1,044	NC	
Tioga Wireless Club					
W4TWC	283	2 14	1,028	NFL	
Bitterroot ARC					
W7FTX	211	2 25	1,020	MT	
Midwest ARS					
W9MAR	77	2 12	1,014	IN	
North Shore ARC					
VE7NSR	296	2 30	1,010	BC	
Decatur City ARC					
KW4DC	244	2 20	1,008	TN	
Three Amigos					
W4ZQ	256	2 10	962	KY	
ARC of the Univ of AR					
K5GOE	167	2 10	918	AR	
LaredoHams ARC					
W5LRD	77	2 15	916	STX	
K3VIN	350	2 3	900	OH	
Louisville American Red Cross RC					
W4ARC/9	104	2 3	886	IN	
Goodyear ARC					
W8UXP	317	2 4	884	OH	
NB30	221	2 3	872	VA	
Estes Valley ARC					
W0KG	54	2 10	858	CO	
Scott Co ARES					
N0BHC	145	2 6	840	MN	
Harry Potter ARC					
NS7F	86	2 7	830	AZ	
N4DT	217	2 3	830	NC	
LOWARS					
VE3JFF	252	2 6	814	ON	
Low Tide DX Club					
W6LTR	260	2 15	790	SJV	
Amargosa ARC					
NV7AV	236	2 6	742	NV	
CRA Rive Sude de Montreal					
VE2CLM	33	2 13	716	QC	
Levy's Renegades					
W9HDG	125	2 4	700	WI	
Jefferson Co ARC					
KB0TLL	57	2 20	684	MO	
Northern MI ARES					
NM8ES	62	2 15	684	MI	
Mobile Ohm Volunteer Examiners					
N9OQT	55	2 5	684	IL	

545 GANG					
WA3SEE	114	2 4	672	MDC	
Presque Isle Coy ARC					
WB8TQZ	160	2 4	650	MI	
K9 Search and Rescue					
KJ4HMV	29	2 5	648	VA	
Hualapai ARC					
WB6RER	145	2 4	640	AZ	
Pike City ARC					
W9UL	112	2 11	624	IN	
Arkansas Radio Em Services					
N5AT	127	2 15	604	AR	
Mount Joseph Contest Group					
K7JAN	220	2 4	590	OR	
Southern Nye Cty ARES, Inc					
W7NVE	91	2 8	582	NV	
Arkansas Diamond					
KE5FSY	32	2 50	564	AR	
The Woodlands ARC					
W5WFD	19	2 8	558	STX	
Novi ARC					
N8OVI	152	2 6	556	MI	
Interconnect Telecomm Corp ARC					
W5QOD	84	2 3	550	STX	
AAEXTK					
AC7FT	84	2 3	546	OR	
W0VFW ARC					
W0VFW	168	2 3	544	CO	
North Texas Homeschoolers ARC					
NT5HS	120	2 5	536	NTX	
Watertown ARC					
N9HR	107	2 16	516	WI	
K0ARF					
Virgin Islands RC	178	2 3	506	MN	
KP2D	201	2 5	502	VI	
Sandusky Radio Exper League					
W8LZ	221	2 15	492	OH	
W17J	166	2 3	482	UT	
LBCECG					
N3RAY	138	2 3	476	EPA	
CRAM, Inc.					
VE9CRM	101	2 25	442	MAR	
K8QQQ	130	2 5	430	OH	
Oregon Coast Emergency Repeater, Inc.					
W7FLO	12	2 12	424	OR	
VE7IHL	110	2 3	420	BC	
WB0TEV	111	2 5	412	NTX	
Chiggeritaville					
K4RET	127	2 3	408	VA	
N0OMC					
N4BM	49	2 3	398	KS	
N4BM					
N4BM	139	2 3	382	KS	
Weare Field Day 2011					
K1Q	89	2 12	334	NH	
Foot hills ARC					
W3LWV	41	2 9	332	WPA	



When you are on top of a tall mountain, you don't need really tall towers, as they reaffirmed at the KR6J site.



Possum Hollow Rednecks WD8MQN 102 2 15 314 VA	Williamsburg Area ARC K4RC (+AJ4XV) 1945 2 41 6,752 VA	Kennebec Co Em Response Team K1XI 1815 2 34 4,692 ME	Tallahassee ARC K4TLH 765 2 25 3,132 NFL
Halifax Em Comm Krewes N2JFS 22 2 3 294 VT	Arrowhead RAC W0GKP 1684 2 25 6,732 MN	WJ4N 1113 2 17 4,630 SFL	Goddard ARC WA3NAN (+K83PEE) 893 2 13 3,122 MDC
NKDXE WA42KO 30 2 4 260 KY	Delaware ARA K9NN (+W9DUK) 1528 2 18 6,660 IN	WS 1076 2 12 4,516 EPA	Marietta ARC W8HH 907 2 12 3,102 OH
St. Mary's ARC VE3SDF 52 2 5 204 ON	Lynchburg ARC K4CQ (+W3CQ) 1716 2 52 6,626 VA	Palos Verdes ARC K6PV 1156 2 21 4,492 LAX	Green Valley ARC WE7GV 642 2 59 3,082 AZ
Healing Springs Mtn VHF Soc W4PAR 21 2 20 192 NC	Minden ARA N5RD 2265 2 15 6,560 LA	Ellsworth Am Wireless Assn W1TU (+K1CEJ) 1070 2 28 4,462 ME	Hospital Disaster Support Comm System W6PA (+WB6JBI) 594 2 99 3,070 ORG
Transformers KJ4DLP 12 2 3 174 SC	Escondido ARS N6SD (+N6WB) 1625 2 63 6,490 SDG	Utah ARC W7SP (+K7LO) 1059 2 11 4,434 UT	Peterborough ARC VE3RB (+VE3KRG) 940 2 32 3,030 ON
KJ4DLP 12 2 3 174 SC	Rochester DX Assn W2RDX (+W2AN) 1825 2 30 6,458 WNY	Los Angeles ARES NW & SW WA6P 1246 2 70 4,430 LAX	Garland ARC K5QHD 648 2 27 3,016 NTX
W8SGZ 25 2 3 150 MI	Victor Zulu Field Day Group N3VZ (+KC3WX) 1722 2 8 6,450 EPA	Olive Branch ARC W5OBM (+K5RCF) 1331 2 33 4,404 MS	Jones Co ARC W0CWP 776 2 12 3,012 IA
Country Cabin RC W0AXT 25 2 7 100 IA	MS State Univ ARC/Magnolia ARC W5YD (+N5F) 1494 2 20 6,362 MS	Palatine ARES/RACES Group W9P (+WX9PAL) 993 2 49 4,384 IL	East Greenbush ARA W2EGB (+WB2HPR) 1018 2 32 3,006 ENY
<b>2A</b>	Monroe Co Radio Comm Assn W8PI (+W8DWL) 1714 2 30 6,322 MI	Derangers N6MI 1235 2 7 4,334 SCV	Morris RC W2YD 699 2 8 3,006 NNJ
Radio Amateurs Of Northern VT W1NVT (+W1PU) 5467 2 23 16,320 VT	Montrose ARC K0IIT (+KC0QXX) 1636 2 46 6,228 CO	Massillon ARC W8NP (+K88RPE) 1179 2 25 4,290 OH	Chickasaw ARA W5GWD (+W5F) 807 2 8 2,950 MS
Raytown ARC K0GQ (+W0AO) 4025 2 42 13,764 MO	Billerica ARS W1HH 1717 2 11 6,196 EMA	Mid-Missouri ARC N0SS (+K0ETY) 1155 2 49 4,262 MO	Chickasaw ARA W5GWD (+W5F) 807 2 8 2,950 MS
Batesville ARC K5UZ (+KD5J) 4179 2 15 12,784 AR	W1HJH 1717 2 11 6,196 EMA	TN Valley DX Assn W4PL 938 2 27 4,260 TN	EPCCOM VE7PCE (+VA7ACT) 983 2 25 2,946 BC
KR6J (+WK6O) 4156 2 5 12,212 ORG	N2XJ (+W2FMI) 2062 2 37 6,120 NNJ	California City RC KE6RN (+WA6KEK) 1151 2 3 4,254 SJV	Samuel F Morse ARC N6MQL 543 2 20 2,946 SV
Mui's Marauders W2RA 3068 2 3 12,076 WNY	Des Moines Radio Amateurs Assn/AR Technical Soc W0AK (+W0SCI) 1448 2 41 6,112 IA	Fox Cities ARC W9ZL 1232 2 40 4,250 WI	Amateur Radio Transmitting Soc WA4N 763 2 25 2,940 KY
Falmouth ARA K1RK (+W1HQH) 3330 2 45 11,430 EMA	Lakes Region Repeater Assn W1UR (+W1BST) 2165 2 15 6,104 NH	Kent Co ARC W3HZW (+AA3ZH) 1122 2 30 4,226 DE	Oh-Ky-In ARC K8SCH (+N8CH) 798 2 35 2,938 OH
MN Wireless Assn W0AA (+N0KK) 2793 2 12 11,154 MN	Nashoba Valley ARC N1NC (+K1BG) 1530 2 55 6,022 EMA	Tippecanoe ARA W9REG 1108 2 31 4,222 IN	Kaw Valley ARC W0CET 802 2 30 2,916 KS
Tampa ARC N4TP (+N4SEX) 3000 2 65 11,088 WCF	Hill Country ARC N5HR (+K5HV) 1844 2 35 5,980 STX	MARCA W7MOT (+AA7OO) 1114 2 20 4,174 AZ	Decatur ARC W4ATD (+KK4CLF) 872 2 20 2,850 AL
The Sakonnet 49'ers W1LY (+W1SYE) 2849 2 47 11,014 RI	Meriden ARC W1NRG (+W1FD) 1441 2 30 5,978 CT	St Charles ARC K00A (+W0HSL) 831 2 79 4,028 MO	Eastern WA Contest Club N7MO 661 2 3 2,844 EWA
Louisiana Cane Field CC W5ZR (+W5RZY) 2692 2 30 10,986 LA	San Mateo RC W6UQ (+N1DID) 1731 2 25 5,376 SCV	Motor City RC W8MRM (+W8GTZ) 1116 2 20 4,006 MI	Palms West ARC W4SS 634 2 15 2,836 SFL
Randallstown ARC N3IC (+K3MZ) 3182 2 18 10,398 MDC	Explorer Post 599 WA2DFI (+W7BSA) 1853 2 23 5,840 AZ	Montgomery ARC KV3B (+W3EXP) 868 2 54 3,984 MDC	WASS Robles ARC W6T (+N6KKS) 1500 1 21 2,832 SCV
K5CM (+NN5Q) 2479 2 15 10,116 OK	Cape Fear ARS K4MN 1427 2 30 5,818 NC	Ottawa ARC VE3RC 979 2 55 3,940 ON	North Augusta-Belvedere RC K4NAB 676 2 35 2,802 SC
AA6PW 2705 2 5 10,064 ORG	NNSZ 1472 2 7 5,722 OK	Gallatin Ham RC W7ED 1242 2 20 3,828 MT	Hiawatha Valley ARC N0DH 903 2 25 2,800 MN
Saratoga ARA K6SA (+K6NN) 2659 2 24 9,784 SCV	Mountaineer ARA W8SP 1641 2 21 5,590 WV	Carteret City ARS W4YMI 1493 2 32 3,806 NC	Heartland DX Assn N1QDX 755 2 16 2,784 NE
Sierra Chapter-Northern California CC K6NV (+K6ST) 2711 2 15 9,724 SV	Crawford ARS W3MIE (+N3QQH) 1444 2 39 5,578 WPA	Hannibal ARC W0KEM 895 2 24 3,804 MO	Sioux Empire AR W0ZVY (+W0FSD) 1000 2 20 2,772 SD
Twin City Ham Club W5EA (+N5LCC) 3284 2 55 9,704 LA	Scorpion Ranch WS4Y 1709 2 6 5,426 KS	Big Island ARC KH6EJ (+NH6PE) 1000 2 44 3,712 PAC	Trident ARC N4EE 739 2 10 2,760 SC
Canton ARC W8AL (+AK8CC) 2522 2 36 9,648 OH	Boulder ARC W0DK (+KH6HTV) 1741 2 45 5,386 CO	Anderson RC N4AW (+N4SBA) 972 2 18 3,702 SC	Tuscaloosa ARC W4XI (+W4JBB) 693 2 11 2,752 AL
Northern Ohio DX Assn W8DXA (+N08DX) 2878 2 25 9,128 OH	San Mateo RC W6UQ (+N1DID) 1731 2 25 5,376 SCV	Northwest Tarrant ARC N5EOC (+K5EMC) 771 2 20 3,664 NTX	Pine State ARC N1ME 631 2 35 2,748 ME
Big Bend ARC K5FD (+AD5BB) 2613 2 21 8,928 WTX	Tri County ARC W9MQB (+W9FIB) 1282 2 18 5,292 WI	York Pirates Contest Group NN9L (+W9YK) 1347 2 10 3,652 IL	Franklin Co ARC WE4A 783 2 23 2,732 NC
W/K ARC of Greater Milwaukee N9AW 2341 2 9 8,736 WI	Trojan ARC NW0K 1484 2 4 5,278 KS	Tyler ARC K5TYR (+W5ETX) 1094 2 62 3,638 NTX	Ole Virginia Hams W4OVH (+W4PVA) 552 2 40 2,704 VA
Central Virginia CC W4ML (+KJ4IT) 2612 2 46 8,460 VA	Hancock ARC W9ATG (+N9TT) 1463 2 43 5,198 IN	Harris Intersil ARC K4HRS (+K6TY) 1056 2 16 3,636 SFL	Richmond ARC VE7RAR 499 2 20 2,680 BC
Harvard Wireless Club/MIT Radio Soc W1AF (+W1PL) 2287 2 19 8,352 WMA	South Canadian ARS W5NOR (+WB5SULK) 1150 2 35 5,114 OK	Johnson City ARA W4ABR 1248 2 21 3,628 TN	Bonac ARC K2EC (+K2DQ) 1045 2 18 2,680 NLI
Williamson Co ARC WC5T (+W5T) 2319 2 43 8,280 STX	ARC Em Comm Svc WB2QBP (+K2ARC) 1546 2 20 5,018 NLI	Bristol Co Repeater Assn W1ACT (+N1JOY) 1143 2 12 3,518 EMA	NHC Em Prep Group NC4NH (+KJ4WNC) 597 2 41 2,654 NC
Smith Chart ARS K4OO 2327 2 20 8,238 NC	Stonewall Jackson ARA K8DF (+K8TPH) 1485 2 27 4,972 WV	Anaconda ARC W7VNE 917 2 13 3,514 MT	Pamlico ARS N4PRS (+A14WL) 626 2 56 2,630 NC
Mining RC/St Paul RC W0MR (+K0AGF) 2634 2 37 8,206 MN	Twin Cities Repeater Club W0BU (+WB0JMG) 1243 2 23 4,950 MN	Rockingham Co ARC N4IV 671 2 20 3,394 NC	West Allis RAC W9FK 921 2 15 2,626 WI
Pacific Co ARC W7R (+W7Y) 2157 2 30 8,192 WWA	Blackstone Valley ARC W1DDD (+W1TBR) 1391 2 35 4,910 RI	The Villages ARC K4VRC (+N8RW) 717 2 54 3,334 NFL	FISTS Along The Mohawk ARC W2FAM 626 2 3 2,620 WNY
Massanutten and Valley ARA W4XD (+K4MRA) 2473 2 66 8,132 VA	Montgomery ARC W4AP (+AK4FP) 1339 2 52 4,864 AL	Sierra Blanca ARC KR5NM (+K5RIC) 707 2 16 3,422 NM	Calgary ARA VE6NQ 506 2 20 2,614 AB
PARC & PRA W1HP (+KD1NA) 2162 2 15 7,956 EMA	Vintage Iron RC N3KR (+N3OD) 1591 2 6 4,796 NNJ	Algoma ARC VE3SOO 1088 2 6 3,394 ON	Knob Hill Krew N5WLA 705 2 3 2,612 NTX
Schaumburg ARC N9RJV (+AB9YC) 2254 2 72 7,890 IL	Owensboro ARC K4HY 1032 2 15 4,698 KY	Rockingham Co ARC N4IV 671 2 20 3,394 NC	Peekskill/Cortlandt ARA W2NYV 879 2 14 2,602 ENY
Lake Co ARC W9LJ (+W9EMA) 1965 2 27 7,532 IN		The Villages ARC K4VRC (+N8RW) 717 2 54 3,334 NFL	Fidelity ARC W1MB (+K1NQG) 702 2 10 2,590 RI
Portland Radio Contesters Club KK7PR 2534 2 10 7,454 OR		ARC of Amite Co W5CCW 1029 2 6 3,310 MS	Wilderness Road ARC W4CDA (+WQ4Z) 495 2 19 2,588 KY
Northern AZ DX Assn & Coconino ARC W7TB (+KC7KCN) 2012 2 22 7,364 AZ		Heart of Dixie ARS W4HOD 675 2 12 3,288 AL	Seattle ACS/West Seattle ARC/PSRG W7ACS 391 2 68 2,546 WWA
Pikes Peak DX Group W0GG 1994 2 6 7,190 CO		Heart O Texas ARC W5ZDN (+W5TSA) 1280 2 30 4,736 NTX	Los Alamos ARC W5PDO 654 2 15 2,534 NM
KH6J (+KH6CE) 1846 2 10 6,878 PAC		Barnstormers Contest Group N2IU 734 2 6 3,144 CT	Sudbury ARC VE3AR (+VE3MND) 701 2 38 2,532 ON
			San Jose ARES/RACES/ACS W6SJC (+KF6IY) 541 2 34 2,508 SCV
			Heligate ARC W7PX 620 2 10 2,506 MT



KE5TRB	56	2	10	582	STX	Barnstable ARC	Dickson Co ARC	W8VP	828	2	35	3,688	OH	
Skyline RC						K1A	K4J	Anchorage ARC						
W7SUR	185	2	9	570	UT	(+W1EXP) 1810	(+N4J)	1093	2	23	4,378	TN		
Southeastern MA ARA						Clay Center ARC & Waltham ARA	RVARC & JCARES	KL7AA						
W1AEC	109	2	20	568	EMA	W1CLA	W7DTA	(+KL7G)	1417	1	31	3,599	AK	
Clarksville Amateur Transmitting Soc						(+W1MHL) 1939	(+KDTYHB)1147	2	35	4,364	OR			
KF4L	106	2	8	562	TN	AR River Valley AR Foundation	Saratoga Cty Races Assn, Inc.	K7TR	991	2	10	3,590	AZ	
Pacific Area Naturists ARS						K5PXP	K2DLL	Shenandoah Valley ARC	W4RKC	1028	2	27	3,548	VA
NU6DE	128	2	4	552	SDG	(+N2WV)	(+W2BEW) 1522	2	20	4,344	ENY			
RADOPS of El Jebel Shrine						Jefferson Co ARC	Hambusters RC	7 HAMS San Diego	NA6L	1442	2	6	3,536	SDG
K0FEZ	139	2	9	528	CO	W7JCR	W9AA	Kilocycle Club of North TX	W5SH	812	2	18	3,500	NTX
Lower Yellowstone ARC						K0KKV	(+W9KXT) 1087	2	45	4,328	IL			
W7DXQ	60	2	6	520	MT	Fond du Lac ARC	KK5E	1202	2	13	4,322	STX		
Colusa Co Comm Reserve Unit						W9EBV	Lake Area Radio Klub	W0WTN	1073	2	35	4,284	SD	
W6VNG	71	2	8	500	SV	Carbon ARC	Keystone VHF Club & Hilltop Transmitter Assn	W3HZU						
Hamilton Co ARPSC						W3HA	1575	2	8	5,966	EPA			
K8YOJ	49	2	7	448	OH	Johnson Co RAC	W0ERH	1619	2	38	5,916	KS		
Luce Moose-caters						Southern VT ARC	K1SV							
W8NBY	95	2	7	440	MI	(+WT1B) 2012	2	20	5,782	VT				
KC5MMN	75	2	4	440	MS	ARC of the National Electronics Museum	K3NEM							
W4WCQ	37	2	6	424	NFL	(+W3GR) 1474	2	15	5,780	MDC				
VA2CMQ	46	2	10	380	QC	Blue Ridge ARC	W4YK	1352	2	25	5,752	NC		
Brookings Radio Research Club						San Andreas Faultline Survivors	W6SW							
WB0BXO	114	2	22	278	SD	(+K6F) 1763	2	15	5,726	SJV				
Lake of the Wood Repeater Assn						Ski Country ARC	K0RV							
KC0IGT	110	2	5	270	MN	(+K0OC) 1487	2	54	5,678	CO				
Knox Co ARC						Baton Rouge ARC	K5DF							
W9GFD	40	2	5	230	IL	K5DF	(+W5YW) 1536	2	35	5,636	LA			
<b>3A</b>						Eastern Connecticut ARA	K1MUJ							
CorTek Radio Assn						(+KZ1M) 1604	2	20	5,440	CT				
W9CA						CRES ARC	W8ZPF	1546	2	26	5,398	OH		
(+N9KK) 6374	2	25	23,014	IL	W8ZPF	Kankakee ARS	W9AZ							
MS Valley ARA						(+N9FD) 1371	2	28	5,320	IL				
W9MVA						W0LI	1217	2	12	5,302	CO			
(+W9FCC) 4531	2	16	14,962	WI	McKinney ARC	W5MRC								
North Shore RRC						(+AE5IT) 1220	2	67	5,276	NTX				
K9OR						W7PIG	1410	2	59	5,186	WWA			
(+K9RST) 3239	2	75	11,976	IL	Pen Bay ARC	W1PBR								
OCARS						(+NY1B) 1048	2	12	5,184	ME				
W8TNO						Yonkers ARC	W2YRC							
(+K8O) 4016	2	27	11,652	MI	(+KF2FK) 1189	2	44	5,072	ENY					
Redneck Riviera Radio Sport Models						Forx ARC	N0GF							
N4OX						(+N0GFK) 1343	2	20	5,026	ND				
(+KR4Z) 3870	2	7	11,430	NFL	Muscantine ARC	N2AM								
Twin City FM Club						(+K0BDU) 1329	2	19	5,024	IA				
W0EF						Ashtabula Co ARC	K8CY							
(+WB0N) 3430	2	50	11,200	MN	(+KD8OSZ)1445	2	20	4,982	OH					
North Shore Radio Assn						Dial RC	K8PI							
NS1RA	2882	2	40	10,800	EMA	(+W8BLV) 1350	2	30	4,964	OH				
Greater Norwalk ARC						Reelfoot ARC	K4RFT							
N1EV						(+N4MJ) 1046	2	12	4,958	TN				
(+W1NKL) 3298	2	40	10,752	CT	Radio Farm	N0MA								
Providence Radio Assn						(+N0MMA) 1539	2	20	4,864	IA				
W1OP						Cumberland Plateau ARC	W4CV							
(+W1PRA) 3549	2	17	10,558	RI	(+K3HK) 1015	2	26	4,854	TN					
Sterling Park ARC						Davis Co ARC	K7DAV							
K4NVA						(+AL7AA) 1081	2	10	4,828	UT				
(+N04K) 2797	2	25	10,054	VA	QSY Society	K2QS								
Stamford ARA						(+WB2LQF)1309	2	10	4,824	ENY				
W1EE						Nixa ARC	W0A	1671	2	51	4,792	MO		
(+K1FC) 3004	2	49	9,816	CT	Paducah ARA	W4NJA	1292	2	16	4,748	KY			
Albany ARA						Coquitlan AR & Em Serv Soc	VE7SSC	1374	2	40	4,648	BC		
K2CT						Alamance ARC	K4EG							
(+KM2O) 2961	2	53	9,592	ENY	(+W4VGZ) 1082	2	25	4,622	NC					
REDXA & Marin ARS						Morrow Co ARES	W8NL	1049	2	10	4,604	OH		
W6KB						Goshen ARC	N9HZ							
(+W6SG) 2878	2	36	9,556	SF	(+K9WJU) 1131	2	20	4,560	IN					
Indianapolis RC						Tristate ARS	W9OG							
W9JP						(+WA9C) 1249	2	25	4,556	IN				
(+W9RCA) 2996	2	55	9,440	IN	Naval Postgraduate School ARC	K6LY								
McMinn Co ARC						(+K6NPS) 1270	2	27	4,540	SCV				
NA4K	2588	2	57	9,426	TN	W9EX	1388	2	50	4,538	IL			
N4N Field Day Group						Scranton/Pocono AR Klub	K3CSG							
N4N						(+WX3A) 1022	2	45	4,424	EPA				
(+KE4UW) 2708	2	12	9,376	GA	Rip Van Winkle ARS	W2DK								
South Lyon Area ARC						(+K2RVW) 992	2	32	4,386	ENY				
N8SL														
(+K8BRF) 2869	2	27	9,276	MI										
Mills County ARC														
K5TRO														
(+N5QBU) 2232	2	29	8,876	NTX										
Rochester ARC														
W0MXW														
(+K0RGR) 2507	2	25	8,808	MN										
Sussex Co ARC														
W2LV														
(+KC2VWI) 2472	2	22	8,364	NNJ										
Fauquier ARA														
W4VA														
(+KW4VA) 2268	2	34	8,244	VA										
Magnolia DX Assn/Great Southern DX Assn														
K5MDX														
(+W5NO) 2615	2	41	8,018	MS										
599 DX Assn														
NA5NN	2245	2	23	7,982	MS									
PRARL														
KP4ES	2031	2	37	7,486	PR									
South Orange ARA														
K6SOA														
(+K6WO) 1932	2	74	7,058	ORG										
Douglas Co ARC														
W0UK														
(+NOTOY) 2133	2	37	6,992	KS										
Edmond ARS														
K5EOK														
(+KE5VOF)1797	2	10	6,932	OK										
CODXC														
N7LE	1713	2	15	6,794	OR									



**ARRL WY Section Manager Garth Crowe, N7XKT, with a group of scouts. The boys are completing their "Ham Radio Passports" — an idea used in Sundance to help them experience different operating modes and styles.**

Tri-County ARC WX4TC 854 2 43 2,954 GA	Athens RC & North East GA ARC W4G 543 2 45 2,184 GA	Genesis ARS N1ZIZ (+KB1FVR) 190 2 40 1,662 EMA	Skyline ARC K2IWR 365 2 25 1,238 WNY
Bloomfield ARC W1CWA (+AB1OD) 568 2 75 2,938 CT	Cotton Hill Group WB2UEE 748 2 4 2,136 NNY	Winnipeg ARC VE4BB 405 2 11 1,660 MB	Northside ARC AA0NC 282 2 13 1,220 MO
Chenango Valley ARA W2RME 614 2 20 2,926 WNY	Irving ARC N5BB 344 2 36 2,120 NTX	LCSAARO W7EUG 403 2 22 1,656 OR	W8SAI (+KB8OPY) 238 2 6 1,218 OH
Brandon ARC K4TN 598 2 34 2,896 WCF	Fort Armstrong Wireless Assn K3TTK 654 2 5 2,116 WPA	Binghamton ARA W2OW 466 2 53 1,656 WNY	San Juan Co ARS N7JN (+KE7KMN) 143 2 52 1,206 WWA
Jayhawk ARS W0LB (+KD0GIE) 701 2 30 2,846 KS	Peoria Area ARC W9UJVI (+KB9NW) 533 2 45 2,116 IL	Wild Horse Desert Hams ARC K3SWHD 163 2 17 1,650 STX	TOTAH N0SRF 490 2 4 1,202 CO
Lockheed Martin ARC W5IU (+K5PHD) 542 2 26 2,836 NTX	Arlington Radio PSC W4AVA 669 2 20 2,108 VA	Cleveland ARC W4GZX 254 2 60 1,636 TN	New Bern ARC W4EWN 250 2 10 1,200 NC
Kennebec ARC W4BTI (+KK4CCH) 642 2 68 2,832 GA	Wattsburg Wireless Assn K3WWA 446 2 36 2,096 WPA	Cascades AARS W8JXN 392 2 10 1,636 MI	Glenn ARS KJ6HCG 153 2 75 1,196 SV
Benzie AR Friends W8BNZ 837 2 42 2,816 MI	Reading RC W3BN 422 2 40 2,068 EPA	K5R 433 2 12 1,636 NM	Grande Ronde Radio Amateurs Assn W7GRA 342 2 7 1,180 OR
Mt. Magazine ARC W5MAG 1092 2 12 2,804 AR	W9D 648 2 14 2,056 SB	Arizona Outlaws CC K7FA 328 2 7 1,618 AZ	Mendocino Co AR Comm Serv NC6MC 214 2 32 1,178 SF
Burlington Co RC K2TD (+AK2S) 614 2 26 2,796 SNJ	Victor Valley ARC K6QWR 293 2 15 2,044 ORG	Seneca RC W8ID 339 2 8 1,614 OH	Spencer Co ARC KC9FTG 321 2 9 1,172 IN
Austin ARC W5KA (+K5LBJ) 502 2 62 2,784 STX	Frederick Arc VE9ND 345 2 15 2,040 MAR	Hoosier Hills Ham Club W9GUS 282 2 11 1,610 IN	Great Bay Radio Assn W1FZ 299 2 12 1,168 NH
Hernando Co ARA K4BKV 366 2 11 2,730 NFL	NV8E 563 2 4 2,038 OH	Chisholm Trail ARC WD5IYF (+K5WPN) 227 2 10 1,608 OK	Capital City ARS AA3DC 316 2 4 1,162 MDC
Huntington Co ARS K9HC 709 2 20 2,720 IN	Silvercreek ARA W8WKY 534 2 5 2,016 OH	VE7OGO 398 2 9 1,586 BC	Laurel ARC KG4LKY 174 2 20 1,158 KY
Oakland Radio Comm Assn WW6OR 713 2 79 2,700 EB	Onslow ARC NC4OC 523 2 3 2,014 NC	K3IR 416 2 7 1,582 EPA	Calvert ARA K3CAL 113 2 14 1,156 MDC
Southern Peninsula AR Klub W4QR 772 2 53 2,678 VA	Toronto ARC VE3TNC 453 2 12 2,010 ON	Southern Oregon ARC K7LIX (+WM7K) 324 2 26 1,570 OR	NW Georgia ARC W4VO 140 2 8 1,130 GA
W0IN 537 2 26 2,672 MO	Haywood City ARC K14SLZ 653 2 68 1,994 NC	Fallbrook ARC N6FQ 440 2 63 1,570 SDG	Quachita Repeater Assn W5HUM 288 2 10 1,126 AR
Randolph Co Emergency RC K4RAN 750 2 7 2,608 AL	Kings City RC W2FRAK 421 2 10 1,988 NLI	Buffalo AR Repeater Assn W2EUP 450 2 16 1,556 WNY	Sunset Empire ARC W7BU 125 2 15 1,122 OR
Parkersburg AR Klub N8NBL 558 2 41 2,592 WV	Starke Co ARC W9JOZ 316 2 35 1,982 IN	Dubois Co ARC N9NAU 308 2 34 1,546 IN	Shore Points ARS W2HRW/K2B 151 2 25 1,118 SNJ
Nashville ARC K4CPO 387 2 50 2,570 TN	W9JUZ 316 2 35 1,982 IN	Aroostook ARA K1FS 434 2 32 1,542 ME	Palestine/Anderson Co ARC K5PAL 133 2 25 1,116 NTX
Big Rapids Area ARC N8OE 730 2 11 2,556 MI	Holmesburg ARC K3FI 462 2 12 1,982 EPA	Schenectady Museum ARA W2IR (+KC2VWW) 343 2 19 1,540 ENY	N8AVX 280 2 7 1,110 MI
Lake Erie ARA WB8CQR 603 2 38 2,540 OH	Associated RA of Long Beach W6RO 534 2 53 1,974 LAX	VECTOR VE7VCT (+VA7VCT) 161 2 40 1,540 BC	Lakeway ARC W2IQ 189 2 36 1,110 TN
Bristol TN/VA ARC W4UD 504 2 52 2,530 TN	Bellevue ARC W0WYV 472 2 22 1,962 NE	Coronado Em Radio Operators W6MLI (+W6SH) 226 2 8 1,522 SDG	Christian Co ARES W4K 89 2 22 1,108 KY
Tri-County ARA K6AGF (+WA6BSW) 552 2 29 2,512 ORG	Lenoir ARC KF4WOD 515 2 12 1,960 NC	W6MLI 226 2 8 1,522 SDG	Blue Springs ARC NX0U 172 2 21 1,106 MO
Broward ARC/Davie Cooper City ARC W4AB (+KJ4URW) 481 2 45 2,506 SFL	N5CRP 272 2 40 1,956 STX	Honeywell-Glendale ARC K7HON (+KC9TKC) 423 2 5 1,516 AZ	Mile High RC KJ6KTW 57 2 21 1,090 ORG
Wasatch Back Tri-Co AR Group K7GL (+K7NAL) 804 2 20 2,498 UT	Grays Harbor ARC W7ZA (+W7HF) 527 2 30 1,952 WWA	VO1AA 112 2 25 1,496 NL	Nortown ARC VE3NAR 519 2 7 1,088 ON
W8M 772 2 16 2,486 MI	Kings Co RC WB2BXO 421 2 10 1,938 NLI	Humboldt ARC K6DLM (+W6ZZK) 284 2 40 1,486 SF	Winnebago Co ARES/RACES KC9LYF (+KC9SDK) 9 2 18 1,088 WI
Black Diamond Radio Group KX9M 727 2 22 2,482 WI	San Geronio Pass ARC W6PPC (+WA6NNTA) 266 2 25 1,926 ORG	Fulton Co ARC K9ILS 318 2 18 1,482 IL	Lodi ARC N6SJV 220 2 20 1,088 SJV
Senola ARC AG4F 511 2 3 2,464 GA	Wyandot Area Ham Operators Org K8BBN (+KF4HZV) 328 2 10 1,912 OH	Northern Lakes ARC K0GPZ 373 2 30 1,464 MN	Tuscola Co ARA & ARES KC8CNC 172 2 13 1,084 MI
Elko ARC W7V 682 2 15 2,444 NV	Shoreline ACS W7AUX 337 2 20 1,910 WWA	Insurance City Repeater Club K1DFS 348 2 16 1,456 CT	WM7RC 108 2 7 1,082 AZ
South Bay ARC W6SBA (+W6ATT) 590 2 29 2,408 LAX	Cleveland Co AR Serv NA4CC (+W4JNH) 307 2 10 1,864 NC	Yuma DX Assn N7YDX (+N7Jt) 111 2 75 1,444 AZ	W0BBO 300 2 3 1,018 CO
Southern Berkshire ARC W1BAA/2 462 2 26 2,390 ENY	W7SST 481 2 3 1,840 OR	SMARTS RC/Sibley City ARES WB0RMK 298 2 5 1,444 MN	GOBARC W0B8DX 112 2 8 1,016 MI
Convair /220 ARC W6UUS 511 2 20 2,336 SDG	ARC of Alameda K6QLF 280 2 32 1,834 EB	Rio Hondo ARC W6GNS 358 2 18 1,438 LAX	Miamisburg Wireless Assn WA8NKY 302 2 20 1,002 OH
Int Radio Consortium of the Mystical Town of Waugh N9IZ 727 2 9 2,330 IN	W2LCA (+K2CC) 397 2 12 1,830 NNY	Jackson Co ARA N5OS (+W5WA) 337 2 57 1,404 MS	Portsmouth ARC/ARES W4POX 218 2 42 996 VA
West Coast ARA VE7VCC 548 2 10 2,328 BC	AARG/LVSRA AA3RG 587 2 40 1,826 EPA	Mid Rio Grande ARC NM5MR 220 2 15 1,402 NM	Red River Valley ARC WB5RDD 123 2 23 996 NTX
Ramapo Mountain ARC WA2SNA 772 2 7 2,324 NNJ	K3FLT (+K3WJH) 346 2 18 1,822 EPA	Olympia ARS NT7H 383 2 26 1,402 WWA	Allegan Co ARC AC8RC 125 2 12 996 MI
Hocking Valley ARC K8LGN (+AA8BJ) 497 2 29 2,312 OH	W9WWI (+N9UGP) 396 2 60 1,818 IN	West Central OH ARA WC8OH (+W8COH) 208 2 23 1,376 OH	AmateurLogic.TV Group W5JDX 206 2 7 992 MS
Regina ARA VE5NN 579 2 14 2,310 SK	Mason Co ARC N7SK 314 2 20 1,812 WWA	Coastline ARA N1EG 463 2 50 1,376 CT	Murray Co ARC K0DIXB 116 2 14 982 MN
Jackson ARC W5PFC (+N5DU) 428 2 25 2,308 MS	W4DOD 400 2 11 1,810 TN	Issaquah Comm Support Team K7ISQ 137 2 29 1,350 WWA	PAhrump AR Repeater Assn N7P 157 2 10 982 NV
NE0S 622 2 3 2,304 MO	Randolph ARC NC4ZO 425 2 47 1,800 NC	Paulding ARC W4TIY 170 2 14 1,344 GA	Pontotoc Co ARA KE5BWG 77 2 9 968 OK
DCARS K8PL 490 2 20 2,300 MI	K0DCA 339 2 27 1,796 MO	Flint Hills ARC K8BOVAC 246 2 7 1,344 KS	Rocky Mountain Hamsters K0DNQG 56 2 11 962 CO
Corona PD CSV Team W6CPD 670 1 19 2,284 ORG	New Mexico High Desert ARC NM5HD 355 2 35 1,786 NM	Metropolitan ARC K8NOW 301 2 9 1,342 MI	Old Post ARS W9EOC 128 2 12 952 IN
North Port ARC W4NPT 346 2 11 2,262 WCF	Kent Comm Support Team K7CST (+N7MU) 187 2 32 1,786 WWA	Peace River Radio Assn. W4DUX 285 2 31 1,340 WCF	Lockport ARA W2RUI (+KC2VUB) 123 2 16 948 WNY
WR1VT 455 2 30 2,262 VT	N3IS (+W3PRK) 258 2 15 1,784 EPA	W4DUM 217 2 14 1,336 WNY	Independent RC WA6IRC 197 2 35 946 ORG
Shelby ARC/ARES of Cleveland Co N4C 617 2 17 2,260 NC	The FPL Group K8ESQ 409 2 4 1,782 MI	Holiday City ARC W2HC 287 2 9 1,334 SNJ	Madison Co DX Club KK0G 247 2 6 944 IA
Chattanooga ARC W4AM 783 2 41 2,228 TN	Green Bay Mike and Key K9EAM 372 2 12 1,776 WI	Cuerpo de Radioaficionados Voluntarios WP4OGK 101 2 30 1,328 PR	Easton ARS K3EMD 167 2 15 918 MDC
West Palm Beach ARC W4HAW (+W2CB) 433 2 20 2,226 SFL	Sun City ARC K5WPH 356 2 20 1,776 WTX	Chatham-Kent ARC VE3CRC 164 2 20 1,300 ON	Natchaug ARC NA1RC 173 2 25 908 CT
WAFAR W9FT 736 2 28 2,222 IL	Assn Radio Amateur de Portneuf VE2CSP 374 2 35 1,754 QC	Disney Emergency AR Service WD4WDW 334 2 44 1,298 NFL	Hill Billy Hams AB2JT 284 2 6 888 WNY
Hendricks Co ARS N9HC 471 2 45 2,212 IN	Lake Wales Repeater Assn W4D (+K4KH) 221 2 51 1,746 WCF	Edison AR Network W6SCE 424 2 7 1,298 LAX	Kachina ARC W7EH 127 2 18 884 AZ
W6CX 617 2 50 2,208 EB	NJ2GC 367 2 38 1,738 SNJ	Panther ARC W3HRK 252 2 6 1,280 WPA	Yolo ARS & Yolo ARES W6YAR 145 2 29 864 SV
Cherryville Repeater Assn II W2CRA 461 2 28 2,202 NNJ	Lillian AR Group K4DEY 290 2 11 1,730 AL	Durant ARA K05D 261 2 18 1,272 OK	USS Hornet ARC NB6GC 106 2 6 862 EB
	Bainbridge Island ARC N7BI 537 2 8 1,726 WWA	Hermosa Beach ARA K6HBC 276 2 4 1,260 LAX	Redlands Amateurs AF6NV 53 2 8 856 ORG
	3 Rivers ARC K3KARC 203 2 34 1,696 ID		Orinda Radio Interest Group K6ORI 102 2 8 854 EB
	Club Radio Amateur Outaouais VE2CRO 562 2 44 1,692 QC		Southern California Japanese Ham Club K6JP 117 2 3 834 ORG
	KB0SSR 264 2 19 1,690 KS		Tri-Cities ARC W7AZ 183 2 8 828 EWA
	Charleston ARS WA4USN 395 2 20 1,670 SC		







Capital City ARC W7TKC (+AE7AP) 91 5 21 1,335 MT QCWA Chapter 162 K9AKG 110 5 12 1,300 WI	Chicago FM Club WA9ORC 212 2 25 874 IL Northeast AR RC K5NEA 197 2 10 844 AR Wantagh ARC W2VA 33 2 14 840 NLI N4VU 303 2 5 838 GA Tobacco Valley ARC K7EUR 121 2 16 832 MT King's Point ARC W4KPR 270 2 24 798 WCF Lewes ARS W3LRS 146 2 7 684 DE NS3HS 186 2 7 582 WPA Mora Open Repeater Assn KD0CI 80 2 10 556 MN Wellesley ARS W1TKZ 101 2 17 480 EMA Club Radio Amateur de l'Estrie VE2RAE (+VA2DJ) 155 2 12 470 QC Fullerton RC W6DQ 77 2 18 404 ORG Westside ARC W5ABD 52 2 5 400 LA East AL ARC W4LEE 139 2 22 362 AL AA2GV 154 2 10 358 WNY Piedmont ARES K4PAR 46 2 11 296 GA Walton Cty ARC WF4X 116 2 12 232 NFL Hinesville AR Emergency Society KG4OGC 38 2 7 176 GA	Pottstown Area ARC K3ZMC (+N3WXW) 1118 2 46 4,072 EPA CBF ARC W8CBF 1730 2 30 4,038 OH Milledgeville ARC W4M 589 2 13 2,882 GA PG ARES W3PGC 458 2 43 2,272 MDC Lakes Area ARC W5JAS 271 2 17 1,690 STX Sylvan Springs ARC KJ4SWD 346 2 28 1,568 AL Black River ARC K8BRC 331 2 28 1,364 MI N4IQ 723 1 4 1,240 SC Beach & Inland Group of the Em Am Repeater System NE4SC 198 2 15 1,186 SC ARA of the Southern Tier W2ZJ 185 2 30 1,186 WNY Calhoun Co ARA WB4GNA 53 2 37 656 AL	K8AB 339 5 1 3,540 OH N0EVH 310 5 1 3,450 MO W9N9J 291 5 1 3,260 WI KW9R 264 5 1 2,890 WI VA3YT 232 5 1 2,870 ON NZ5A 214 5 1 2,690 STX W2JLK 230 5 1 2,650 NNJ KA2OUO 693 2 1 2,456 MDC KX2X 551 2 1 2,354 NNY AC7A 225 5 1 2,350 AZ KD2JC 213 5 1 2,330 NNJ KB4QJQ 207 5 1 2,325 NC AA5CK 216 5 1 2,320 OK NS2X 202 5 1 2,270 TN N6CMF 221 5 1 2,260 ORG W9FHA 211 5 1 2,260 KY N5LZ 203 5 1 2,180 UT AC3V 205 5 1 2,165 EPA NN2L 200 5 1 2,100 NNY KE4QZB 186 5 1 2,060 NC W6XR 450 2 1 2,050 CO N3ZF 191 5 1 2,010 EPA N3AB 180 5 1 1,900 EPA W3TUA 175 5 1 1,900 NNY K4CHE 152 5 1 1,870 DE KW4M 158 5 1 1,830 GA K10II 145 5 1 1,800 CO W5LL 306 5 1 1,780 NTX NQ7R 141 5 1 1,680 AZ NR8Z 143 5 1 1,660 OH K1PDY 131 5 1 1,660 NH W4UX 360 2 1 1,578 TN N8TD 126 5 1 1,560 OH AB4EL 140 5 1 1,550 NC VE3ENG 115 5 1 1,550 ON VE2JCW 142 5 1 1,470 QC K3WGR 317 2 1 1,452 EPA K3STL 316 2 1 1,384 WPA WJ0L 113 5 1 1,380 NE K8ZT 105 5 1 1,340 WV VA7XN 121 5 1 1,320 BC AA1PL 114 5 1 1,295 RI N2DM 124 5 1 1,295 WNY KB5FJO 82 5 1 1,270 STX KB7LJP 101 5 1 1,260 WVA AC2C 111 5 1 1,260 MDC K6CU 101 5 1 1,260 ORG N8XMS 100 5 1 1,250 MI WR8S 118 5 1 1,230 WV KA5GIS 111 5 1 1,210 AR VE3HG 115 5 1 1,200 ON VE3GTC 73 5 1 1,180 ON W6GA 82 5 1 1,170 ORG KF0OS 101 5 1 1,160 CO W3WT 80 5 1 1,150 EPA N8MFN 99 5 1 1,140 OH KD2MU 97 5 1 1,135 NJL N7WY 96 5 1 1,110 WY WDB5HNI 91 5 1 1,100 STX WB3CEG 80 5 1 1,050 STX AD7L 78 5 1 1,030 OR WA4MXF 78 5 1 1,030 TN K3TW 50 5 1 950 NFL K5RCR 322 2 1 938 LA K9IA 67 5 1 920 NFL VE6ZC 77 5 1 920 AB K7VK 78 5 1 895 MT VE3TAZ 70 5 1 875 ON KA9VHG 71 5 1 860 WI NK0E 70 5 1 850 CO AC0PR 50 5 1 850 ND N7XW 62 5 1 835 WVA K7EW 63 5 1 830 OR N0RP 101 5 1 805 MO KB1OIQ 45 5 1 800 EMA AH6V 59 5 1 790 PAC K5CAO 71 5 1 760 SV AE6N 45 5 1 750 AZ K2NNY 65 5 1 700 NNY N7J 45 5 1 700 OR AD7DD 51 2 1 690 EWA W9SRB 85 5 1 675 IL W5GHZ 40 5 1 650 OK KU4MH 125 2 1 650 VA K2KJ 44 5 1 640 ENY W2EB 25 5 1 600 WNY AK4BH 70 5 1 590 SC NE W1E 87 5 1 585 VA K4KO 32 5 1 570 TN KF7HB 31 5 1 560 OR K05Q 76 2 1 554 GA AC7CJ 50 2 1 550 EWA W8NCC 50 5 1 550 OH KE4KE 80 5 1 550 MN N8XA 77 5 1 500 OH WB5PJB 103 2 1 500 CO AE7HS 73 2 1 496 ID K3VTS 24 5 1 490 WPA WD9EWK 27 5 1 485 AZ KB9UIY 67 5 1 485 OH KK1J 43 5 1 465 AZ K1GTPX 42 5 1 460 LAX N0BHT 140 2 1 430 CO KD8NJZ 35 5 1 425 OH K4PP 27 5 1 420 AL N5CSU 51 5 1 405 NTX WB4MKN 25 5 1 400 NFL W5HLP 72 2 1 394 NTX WB0RXX 23 5 1 385 MN											
<b>4A Battery</b> Zuni Loop Mountain Expeditionary Force N6GA 905 5 7 9,275 LAX St Louis QRP Soc NF0R 458 5 22 5,410 MO Portland ARC W7LT 462 5 16 4,765 OR McMinnville ARC/YCARES W7YAM 308 5 8 3,575 OR Friends of the 045 Repeater W6V 302 5 11 3,020 EB North Georgia QRP Club NO4GA 199 5 5 2,840 GA Seaside Tsunami ARS WA7VE (+WA7FIV) 104 5 55 1,565 OR	<b>5A Battery</b> North Coast ARC N8NC 269 5 33 2,620 OH	<b>7A Battery</b> Forsyth ARC W4NC (+W4WS) 417 5 30 4,045 NC	<b>8A Battery</b> Durham Region QRP Club VE3QDR 1219 5 9 12,320 ON David Sarnoff ARC N2RE 303 5 38 3,620 SNJ	<b>9A Battery</b> Orange Co RA/Durham FM Assn W4UNC 1779 5 64 17,035 NC	<b>14A Battery</b> USECA ARC K8UO 1620 5 10 16,410 MI	<b>1A Commercial</b> Callaway ARL KS0B 392 2 11 1,540 MO Pathfinders ARC VA4PAR 548 2 15 1,326 MB Waupaca ARES W9WAP 330 2 21 1,124 WI Free State ARC WG3R 55 2 10 660 MDC Hawkins Co ARES KM4XE 176 2 23 646 TN Suncoast ARC WA4T 36 2 6 362 WCF Hewlett Packard Boise ARC AB7HP 96 1 9 246 ID Elmendorf ARS KL7AIR 110 2 3 220 AK South Tidewater AR Klub W4HDW 66 2 8 182 VA	<b>2A Commercial</b> Order of Boiled Owls of NY/Radio Central ARC KW2O (+W2RC) 2411 2 22 7,814 NLI Macon Cty ARC N0PR (+AB0C) 780 2 12 3,564 MO West Texas Consortium K5M 899 2 3 3,238 WTX MOSI ARC KM0SI (+KE4TP) 646 2 50 2,572 WCF Kootenai ARS K7ID 534 2 49 2,380 ID Spartanburg ARC K4II 651 2 32 2,152 SC Columbia Co ARC K4KNS 370 2 10 1,980 GA N4HAI 486 2 4 1,650 OH Nassau Co Police ARC NC2PD 477 2 17 1,584 NLI Grumman ARC WA2LQO 547 2 15 1,518 NLI Speculator ARC KC2WI 281 2 8 1,484 NNY Community Service RC KC0YNE (+K5EST) 250 2 7 1,464 MO Hiawatha ARC KD0NEB (+N0QIX) 286 2 40 1,368 IA Stillwater ARA W0JH (+KB0SCE) 373 2 31 1,250 MN Yavapai ARC W7YRC 369 2 11 1,220 AZ Central OH Operators Klub Extra-Novice W8FD 408 2 19 1,106 OH Quad Co ARC N3QC (+W3TM) 303 2 29 1,076 WPA Champaign Cty ARES K7GLN (+WB8UCD) 236 2 10 912 OH	<b>3A Commercial</b> Zamora RC W4ZHR (+N4DKD) 1727 2 20 6,976 AL Licking Co Contest Group W8EA (+K8SM) 1364 2 24 4,870 OH North Franklin ARS N2NNY 934 2 10 4,090 NNY Henry Co ARC W9OB 1731 2 40 3,908 IN Splittrock ARA K2RF (+W2PJ) 1191 2 20 3,480 NNJ JF Drake State Tech College ARC N4DTC 1295 2 6 2,790 AL Cherokee ARS WX4CAR (+KJ4PQX) 721 2 73 2,688 GA Fourlanders VHF Contest Team W4NH 922 2 20 2,602 GA Cascade RC W7EK 516 2 20 1,972 WVA Radio Assn of Western NY W2PE 557 2 15 1,962 WNY Cumberland ARC K3IEC 534 2 14 1,914 EPA New York City Transit ARC K2IRT 534 2 15 1,832 NLI Eastern NM ARC KA5B 504 2 25 1,830 NM MS Coast ARA W5SGL 525 2 33 1,802 MS Cape May Co ARC N2CMC (+W2CMC) 397 2 40 1,716 SNJ The Albemarle ARS K4WO 452 2 30 1,610 NC Hillsdale Cty ARC K8HRC 416 2 10 1,604 MI Tompkins Co ARC AF2A 349 2 6 1,342 WNY Sussex ARA KB3BH 445 2 20 1,166 DE ARC of Sabine K5MNY 453 2 13 1,146 LA Anthracite Repeater Assn W3SJI 263 2 15 1,106 EPA Georgian Bay ARC VE3OSR 352 2 17 1,074 ON Volusia Co ARES KV4EOC (+K4DMH) 151 2 70 1,072 NFL High Point ARC W4UA 343 2 19 984 NC Coon Valley ARC N0NAF 282 2 4 878 IA Trinity Trails Field Day AB5VP 253 2 6 790 NTX AB8VV 177 2 3 742 MI Tryon ARC K2JJI 108 2 16 686 NNY KB3WCE 120 2 4 680 MDC Ste. Genevieve Co ARC W0JET 89 2 14 650 MO W6IER 135 2 10 432 ORG NP2CB 81 2 5 324 NFL Bluff Country DX Assn W9W 107 2 3 264 WI	<b>3A Commercial</b> SARA ARC N4NE 1779 2 91 5,748 GA RL Drake ARC K8UU 1383 2 15 4,106 OH	<b>5A Commercial</b> Tishomingo Co ARC W5TCR 498 2 11 2,372 MS Wisconsin ARC W9CQ (+KC9PIF) 507 2 12 2,088 WI Frontenac Radio Group VE3FRG 1014 2 5 2,080 ON Flagler Palm Coast ARC W4FPC 330 2 25 1,654 NFL Atlanta RC W4DOC 353 2 21 1,292 GA Bedford Co ARS K14NJ 205 2 14 1,130 TN Cherokee Co ARC K5JVL 303 2 27 874 NTX Blackdiamond ARC WV8BD 149 2 23 870 WV	<b>6A Commercial</b> LaGrange ARC AB4KE (+AB4GA) 853 2 69 3,060 GA AR of Southwest FL W4F 880 2 29 2,446 SFL Foothills ARS VE6FAR (+VE6TK) 402 2 22 1,548 AB	<b>9A Commercial</b> Ashland Area ARC N8IH 525 2 10 2,380 OH WA5AR 89 2 18 954 STX	<b>Class B — One or Two Person Portable Stations</b> <b>1B-1 Op</b> N7OU 1230 2 1 5,170 WVA K5LG 1086 2 1 4,494 AR K3TM 938 2 1 3,902 MDC K9CJ 799 2 1 3,446 IN W6MM 962 2 1 3,420 ID K7RE 638 2 1 2,702 WY K10E 277 2 1 1,908 ND KE7NO 658 2 1 1,856 MT WA9Z 467 2 1 1,696 IA N4UF 307 2 1 1,378 NFL KB8UHN 610 2 1 1,320 OH W9KHH 267 2 1 1,266 WI K0NR 412 2 1 974 CO W6BIV 188 2 1 924 LAX WG5F 165 2 1 910 OK K6KS 209 2 1 768 SV KC7O 209 2 1 622 SB N7CFO 103 2 1 606 EWA WA4JA 90 2 1 530 TN WB8RFB 100 2 1 492 IL KB2UGW 64 2 1 478 EWA KE9G 93 2 1 450 WI KF4VRS 170 2 1 440 NFL K2EFG 60 2 1 420 ENY N1EDU 55 2 1 362 NH WB5LRP 102 2 1 354 STX KB0YTO 33 2 1 316 NE K56A 101 2 1 302 OR W0SG 34 2 1 284 CO K7SWE 66 2 1 282 EWA AA0QZ 20 2 1 240 WVA K2HVE/P 20 2 1 240 NNJ KB7PVU 12 2 1 124 NM WA7TPB 5 2 1 110 WVA KB3TIJ 26 2 1 102 EPA	<b>1B-1 Op Battery</b> N4TY 835 5 1 8,500 KY W3TS 638 5 1 6,830 EPA N5CW 531 5 1 5,610 MS K5WNH 517 5 1 5,520 NTX N8BB 520 5 1 5,350 MI KE0G 504 5 1 5,190 MN KX0R 469 5 1 5,040 WY W2FU 482 5 1 4,815 IA AA4GA 449 5 1 4,740 GA K5WX 404 5 1 4,290 STX WA7LNV 355 5 1 3,700 UT AA4Q 340 5 1 3,550 AZ



K3WQ	82	2	1	214	MDC	KC0VFP	20	2	1	90	MN	N5KWN	558	2	15	2,074	STX	KK6TV	62	5	2	930	SDG
N5ZRE	81	2	2	212	WTX	VE2NF	20	2	1	90	QC	W5RTA	623	2	6	1,934	STX	KU4A	105	5	1	910	KY
N5MHM	105	2	1	210	LA	KC0FUE	15	2	1	90	KS	NY4S	576	2	3	1,684	TN	KF0UU	65	5	1	900	MN
KA1GYB	14	2	1	206	CT	KC2JRO	19	2	1	88	NLI	WD8LC	440	2	9	1,654	WV	K6UJF	218	2	1	880	SCV
WA5DSS	61	2	1	206	STX	VK4GH	37	1	1	87	DX	NO8N	431	2	5	1,530	OH	W3KS	361	2	1	872	DE
KD4QMY	155	1	1	205	GA	WB7ULW	18	2	1	86	AZ	NK5G	213	2	4	902	STX	N4DXI	200	2	1	868	NFL
VA3OR	50	2	1	204	ON	AC2GE	18	2	1	86	NNY	WT9H	261	2	10	572	IL	N5QJ	400	2	2	850	AR
KB3KKG	47	2	4	204	WPA	N1YIS	17	2	1	84	ME	NF6T	147	2	4	542	ORG	VE3IFS/W2	491	1	1	845	NNJ
WV7P	76	2	1	202	UT	N3LP	17	2	1	84	MDC	W5BMC	76	2	16	402	LA	N6DXX	340	2	2	830	SV
W0NEB	100	2	1	200	KS	VE6RI	16	1	1	82	AB	KW1R	167	2	5	384	CT	NN4F	353	2	1	756	SC
W2PQG	24	2	2	198	NNJ	KA1PPV	8	2	1	82	CT	AE6NN	17	2	3	202	LAX	W9JW/0	131	2	1	756	NE
VE3TW	37	2	1	196	ON	N6RWT	15	2	1	82	EB							W8TOM	114	2	1	740	MI
UA4LCH	22	1	1	194	DX	KD8GRG	40	2	1	80	MI							VA4VG	67	5	1	720	VA
WS7R	95	2	1	190	AZ	WY6L	14	2	1	78	SJV							K0UJ	55	5	1	700	MN
KF5LFR	60	2	1	190	AR	WAS5NE	78	1	1	78	OK							N6RK	196	2	1	692	SV
KS4FE	51	2	1	190	KY	KD0MXC	13	2	1	76	CO							WA7LK	171	2	1	692	WWA
NC4PK	58	2	2	186	NC	N9NUZ	13	2	1	76	WI							KD5QHV	256	2	1	690	WTX
KJ6BBS	68	2	1	186	ORG	N8KOJ	25	1	1	75	OH							W7ATC	160	2	1	670	ID
K6III	90	1	1	185	SV	KI4VCT	75	1	1	75	VA							WW2DDM	57	5	1	670	VA
K2MFW	67	2	1	184	SNJ	WA3YZD	37	2	1	74	EPA							W9DKB	180	2	1	664	WI
WB9KPT	67	2	1	184	EPA	WB4ALM	12	2	1	74	WCF							KP2SJ	105	2	5	664	VI
AG6DI	33	2	1	182	LAX	W0IE	11	2	1	72	KS							K9OZ	155	2	1	662	IL
WA4HWT	90	2	1	180	GA	K3EYL	11	2	2	72	IL							K8KSM	100	2	1	650	OH
KC8ACO	62	2	2	174	MI	W6CDA	9	2	1	72	LAX							KB5EZ	150	2	1	650	AL
K7STU	61	2	1	172	NV	N6AYU	11	2	1	72	EB							KB5URQ	579	1	3	645	STX
K2PS	58	2	1	172	MDC	KK4CME	5	2	1	70	WCF							AI4RA	133	2	1	632	AL
WA2OQJ	60	2	1	170	NLI	KD4K	10	2	1	70	GA							KK5JY	156	2	1	630	OK
KF6FX	20	2	1	168	ORG	K0VFW	10	2	1	70	KS							KA0EIC	58	5	1	630	KS
WA4SWJ	59	2	1	168	NFL	VE5DLM	35	2	1	70	SK							KU4WD	263	2	1	626	TN
N3KN	69	1	1	168	VA	N8PVL	32	2	1	68	MI							WB3JGP/6	104	2	1	626	EB
AC6TU	29	2	1	166	LAX	KC0RNS	9	2	1	68	WI							W7FD	258	2	10	616	SJV
NN5NN	43	2	1	164	IA	KU4RC	9	2	1	68	NTX							K7NEW	56	5	1	610	WWA
N2LPC	57	2	1	164	AL	W1WAB	4	2	1	66	WCF							WU6W	424	1	1	610	NV
W4GFY	52	2	1	164	TN	KA9QPH	32	2	1	64	WI							W4PWC	253	2	3	606	VA
W7HMV	80	2	1	160	NV	KD8DVR	7	2	1	64	OH							WW8ZZ	221	2	1	592	OH
NC4MI	55	2	1	160	NC	KD8OAH	7	2	1	64	MI							W1VD	159	2	1	590	CT
W0NFS	54	2	1	158	MO	W8CQD	3	2	1	62	MI							N7VEA	84	2	1	572	ID
KC2LSA	37	2	1	158	VA	KF6EOJ	6	2	1	62	LAX							KB3ORR	211	2	1	572	WPA
KS4X	52	2	1	154	TN	A13G	15	2	1	60	DE							K4FOY	46	5	1	560	VA
KJ4QAN	51	2	1	152	NFL	W1VCM	30	2	10	60	CT							N4MUH	147	2	1	546	NFL
N1EUV	51	2	1	152	EPA	AF6VG	5	2	1	60	LAX							N4UHZ	144	2	1	542	TN
KD0OTQ	50	2	1	150	IA	W1BJ	4	2	1	58	EMA							KE6VUS	85	2	1	540	SV
VE3YX	50	2	1	150	ON	KC2WMR	4	2	1	58	NLI							W9AEG	58	5	1	540	IL
NJ2X	50	2	1	150	NNJ	N0ICV	4	2	1	58	IL							CO6CBF	15	5	1	535	DX
KD0CPA	48	2	1	146	CO	AG6V	2	2	1	58	SF							K0ANS	28	5	1	525	CO
KB1MU	48	2	1	146	WMA	AB1HD	2	2	1	58	EMA							KN0BS	131	2	6	512	IA
VE2HT	46	2	1	142	QC	KG6YOR	3	2	1	56	SCV							W7TJ	105	2	1	512	EWA
W7EKG	46	2	1	142	ID	W6LLP	3	2	1	56	EWA							N4YHC	130	2	1	500	IN
K4GOP	71	2	1	142	NFL	KC9TZL	3	2	1	56	IL							W7YSB	35	5	1	500	AZ
AC2Y	45	2	1	140	CO	KF7PKL	3	2	1	56	AZ							WU9Z	112	2	2	500	IN
NS4H	59	2	2	138	NFL	AE6SF	3	2	1	56	SF							W4GHS	399	1	1	499	VA
KR6BG	43	2	1	136	SDG	WA6GFY	5	1	1	55	SCV							K3HX	98	2	1	492	WPA
W8KNO	41	2	1	136	OH	WA4NOT	27	2	1	54	NC							KB2UUL	111	2	1	484	NC
VE7EOI	43	2	1	136	BC	VE7JRX	2	2	1	54	BC							W1GUA	106	2	4	482	AL
KF4DVF	42	2	1	134	NFL	KK4CNM	2	2	1	54	GA							K5AXW	141	2	1	482	TN
N7CKJ	41	2	1	132	EWA	KM5VZ	1	2	1	52	NTX							WA1VKO	629	2	1	480	OK
K4IJK	40	2	1	130	RI	KD8CCO	1	2	1	52	OH							NW3H	678	2	3	476	AZ
KC5UWS	40	2	1	130	NTX	KE4PT	1	2	1	52	SFL							KH6RZ	841	1	3	472	PAC
NM5I	20	2	1	130	OK	K3LAB	25	2	1	50	WPA							W8AWE	512	2	3	470	MI
KE9EX	39	2	1	128	IL	VE2GLA	13	2	1	48	QC							VE2SG	403	2	1	466	NC
KJ4KTV	19	2	1	126	STX	KD7SWL	23	2	1	46	UT							W9GHX	163	5	1	466	MO
AC8ZX	37	2	1	124	MI	AJ4HK	23	2	1	46	NC							NT4Y	783	2	3	458	NFL
VA3ZDX	124	1	1	124	ON	WA9VIQ	21	2	1	42	NFL							N1CC	503	2	1	440	RI
N0IBT	18	2	1	122	CO	KB7TBT	41	1	1	41	GA							VA7ST	151	5	1	436	ORG
N6BHX	18	2	1	122	EB	VK2HOT	20	2	1	40	DX							K7EA	352	2	1	436	NC
WB9MMI	18	2	1	122	IL	N4MM	11	2	1	40	VA							VE2AWR	437	2	1	436	MDC
N3TCH	23	2	1	122	VA	KA2IBN	20	2	1	40	ENY							W2DPT	153	5	1	430	EPA
N4BFR	35	2	1	120	GA	K3ESS	37	1	1	37	NFL							AB2DE	701	2	2	430	ORG
N7RCN	35	2	1	120	UT	VE2POU	15	2	1	36	QC							K9MY	351	2	1	426	WWA
W9SRC	10	2	4	120	ID	WASWFE	18	2	1	36	WTX							VE3PKA	374	2	2	422	ENY
KU1Q	57	2	2	114	CT	WESET	18	2	1	36	STX							KX1E	135	5	1	420	OH
KF4IBU	28	2	1	112	NFL	WB7CLF	17	2	1	34	WVA							KG2V	614	2	1	418	WWA
K2JX	62	1	1	112	NLI	N1IBM	12	2	1	30	SNJ							N5FPW	156	5	1	408	WI
VE3JGL	30	2	1	110	ON	KK7CG	30	1	2	30	OR							W3HBM	128	5	1	408	AZ
WB4QNG	30	2	1	110	KY	K9SQG	22	1	1	22	OH							VA3QR	412	2	2	408	WV
VA3TQX	29	2	1	108	ON	N7NTM	9	2	1	18	AZ							WB8EJN	132	5	1	404	VA
K0CC	46	2	1	108	IA	KA6WBQ	9	2	1	18	NLI							N7NB	127	5	1	404	WNY
K7VBY	14	2	1	106	OR	KC0VFP	18	1	1	18	MN							N1SV	653	2	1	386	SK
KE1R	28	1	1	106	NM	W7JAM	16	1	1	16	WVA							NY6J	328	2	1	385	CO
WA6GFR	14	2	1	106																			





**In the spirit of an emphasis on VHF/UHF activity, Charlie, K4LF, of the K4PJ Oak Ridge Amateur Radio Club operated a trusty 28 year old IC-551D transceiver on 6 meters.**

VE1ZA	118	2	1	286	MAR
AD7XV	58	2	2	278	WWA
KF6ROE	9	2	1	268	SDG
N4RWH	82	2	1	264	WCF
K2EIR	30	2	2	260	ENY
K7PSU	80	2	2	260	AZ
N6VNO	40	2	1	260	SCV
KG6LJO	77	2	1	254	NV
AB4SF	97	2	1	244	VA
KB2HSH	46	2	1	242	WNY
W6KYF	22	2	1	238	SCV
W5JBO	22	2	1	238	STX
N6MWX	40	2	1	230	NNJ
NM5DF	39	2	1	228	NM
KC4H	39	2	2	228	VA
AD4CS	87	2	2	224	SFL
K4CVU	35	2	1	220	TN
K4CVU	35	2	1	220	TN
W4BMF	35	2	1	220	NC
W1MP	34	2	1	218	VT
W5UGD	31	2	3	212	SC
NV5M	6	5	1	210	NM
KC7PVD	28	2	1	206	UT
K0HAX	28	2	1	206	MIN
N6KZ	47	2	1	206	AZ
VE4XM	25	2	1	200	MB
W0JP	23	2	1	196	MO
WB6MMQ	46	1	1	196	LAX
KF0F	19	5	1	195	MO
N1NAZ	20	2	1	190	NH
KF7PBM	20	2	1	190	EW
WD4NIT	44	2	1	188	GA
W7EEI	18	2	1	186	OR
AA5UZ	21	2	1	184	LA
AA5UY	21	2	1	184	LA
N3ZZ	7	2	1	178	SCV
AC2BH	13	2	1	176	NNJ
KF7PLA	1	5	1	175	UT
NC6P	8	2	1	166	SV
KG4VHV	23	5	1	165	OH
WA8RUM	7	2	1	164	OH
KB3GMD	55	2	2	160	WPA
AB4YK	4	2	1	158	VA
AE5XB	29	2	1	158	NTX
W6ZX	27	2	1	158	ORG
KC0TJD	54	2	1	158	IA
AJ4MJ	37	2	1	154	NC
NY6U	35	2	1	146	SCV
W3LL	46	2	1	144	MDC
VA2RIO	15	2	1	130	QC
K4GRE	11	2	1	122	SC
K1JW	33	2	1	116	ME
KD7QJL	21	2	1	110	OR
N1XQ	22	2	1	100	RI
AE4VQ	5	5	1	100	KY
KB3OPP	16	2	1	82	EPA
VE2WMA	2	5	1	70	QC
N5BF	5	2	1	60	LAX
AD7MC	4	2	1	58	WWA

<b>2E</b>					
K2NJ	2993	2	4	12,322	NNJ
W4NT	3396	2	5	10,262	GA
KFOUR	1876	2	2	6,758	CO
N4LUJ	1500	2	2	6,050	NFL
K1EEE	587	5	3	5,690	NH
W3VPJ	1401	2	18	5,372	EPA
N3DUE	1240	2	3	4,170	MDC
K1MK	940	2	2	4,078	WMA
WA2SOC	299	5	2	2,220	NNJ
N1GN	732	2	4	2,050	NH
VA7MM	348	2	4	1,822	BC
N6OV	523	2	8	1,722	ORG
VE6FI	1206	1	5	1,556	AB
VE3GBY	478	2	6	1,540	ON
W4SI	109	5	2	1,430	VA
W1ORS	270	2	13	1,300	CT
KG8IU	432	2	3	1,300	OH
N7AM	214	2	2	1,286	AZ

AA9UF	254	2	3	1,262	IL
K1EOS	203	2	11	1,038	CT
K0GEO	239	2	2	952	STX
KR0VER	203	2	10	836	CO
N9QID	239	2	2	828	IN
VE7JR	346	2	2	742	BC
W1ILB	157	2	2	692	SC
K0PRO	140	2	2	630	KS
NE3I	138	2	1	588	EPA
WZ0H	143	2	2	540	AZ
W8VN	142	2	3	488	MI
N8PVC	66	2	2	404	OH

<b>3E</b>					
W4DXA	2552	2	14	8,550	SC
KD5C	2461	2	44	8,094	WTX
W4UAL	2101	2	11	6,790	AL
W5ROK	1811	2	25	6,180	NTX
K2FA	597	5	3	6,055	WNY
W3KWH	2041	2	22	5,868	WPA
W8CCI	1023	2	20	4,684	OH
W7FLY	735	2	18	3,520	WWA
W00CS	725	2	16	3,004	IA
W5SSV	739	2	71	2,494	STX
N5BL	664	2	10	1,980	NM
W3GA	1001	1	10	1,590	WPA
WD6RAT	411	2	25	1,552	ORG
W8DYR	703	1	18	1,515	OH
W5FQ	138	2	24	1,270	MS
KD2JA	352	2	4	1,160	SFL
K0CLR	274	2	3	1,100	IA

<b>4E</b>					
K3MJW	2299	2	14	7,420	WPA
K5SAR	1665	2	15	5,128	LA
W4GJ	1183	2	9	4,604	NFL
N8CV	1363	2	8	4,470	OH
N2MO	1046	2	23	4,456	NNJ
W5ROS	298	5	20	3,325	STX
K0JFN	437	2	8	1,758	NE
KL2R	200	1	10	1,634	AK
W8BAP	217	2	21	1,424	OH

<b>5E</b>					
N2BJ	3070	2	5	10,452	IL
W5GAB	638	2	3	2,686	NM
WG0D	149	2	5	552	MN

<b>8E</b>					
W7SA	1363	2	61	5,534	AZ

<b>13E</b>					
W0NT	4055	2	43	13,060	CO

**Class F — EOC Stations**

<b>1F</b>					
W6YX	2055	2	50	8,182	SCV
W9PC	944	2	6	3,946	IN
K9UW	949	2	3	3,402	WI
W2EF	565	2	12	2,866	NNJ
K9WM	553	2	16	2,430	IL
W0FT	561	2	10	2,292	CO
N0KGM	753	2	3	1,956	UT
WM4CC	402	2	3	1,770	TN
K8FAY	432	2	10	1,714	OH
W3BAL	425	2	12	1,534	MDC
W9LYA	357	2	22	1,434	IL
K5EPH	282	2	8	1,204	NTX
W7RIM	248	2	12	1,178	AZ
NC4CC	150	2	25	1,130	NC
W0QS	167	2	21	1,104	KS
VA3PES	259	2	8	1,068	ON
WR4MC	177	2	3	1,054	GA
N1NRA	176	2	4	1,002	VT
K2FN	504	1	8	1,002	NNJ
W0MI	101	2	8	896	KS
VE7NA	101	2	6	834	BC
W1BCG	113	2	26	776	CT
N9K	124	2	11	748	IN
W5ELM	81	2	3	712	LA
W4OHH	70	2	18	610	GA
W4BRK	120	2	5	590	SC
N7CVW	100	2	2	550	WWA
W3SAT	175	2	8	400	WPA
VE1WRC	163	2	14	376	MAR
N8EXV	55	2	3	360	STX
WC4WX	137	2	4	324	TN
8P6UK	123	2	1	296	DX
KE5UES	32	2	2	278	NTX
WA4NZD	99	2	10	248	AL
K4CCR	25	2	4	220	NC
W6TUW	138	1	4	188	SCV
KC2TXB	50	2	1	150	SNJ
K7HIO	30	2	1	130	OR

<b>2F</b>					
AB5ER					
(+N5QS)	2124	2	51	7,800	AR
KY4KY					
(+W4KBR)	1623	2	71	6,296	KY
K9IQP					
(+W9QL)	1515	2	45	5,972	IL
W2ORC					
(+WA2DQL)	1167	2	29	4,794	WNY
W7ECA					
(+W7BZZ)	1139	2	34	4,488	MT
K4PJ	946	2	31	4,304	TN
VE1FO					
(+VE1TRI)	1001	2	30	3,080	MAR

W9EAU	812	2	16	2,872	WI
N4THM					
(+N4IF)	748	2	25	2,796	AL
K4EX	654	2	7	2,674	WCF
K4MSU					
(+W4GZ)	609	2	49	2,668	KY
K8YR					
(+KD8EJD)	568	2	20	2,586	OH
K14HUS					
(+N4STW)	431	2	15	2,468	KY
K4TG					
(+KY4LAW)	412	2	15	2,440	KY
W9WIL	514	2	6	2,378	IL
W0RR	567	2	17	2,366	MO
KB6EOC	704	2	55	2,328	EB
KESLOT					
(+AK5RS)	378	2	24	2,298	STX
K2ZV					
(+K82LAV)	486	2	12	2,228	NNJ
K7DPS	736	2	14	2,214	AZ
W6ICR	556	2	8	2,178	SDG
KE8RV	482	2	11	1,978	OH
W2GSA	476	2	17	1,918	NNJ
W1LAS	682	2	12	1,914	CT
W9VMW					
(+W9LVY)	463	2	20	1,910	IN
K5ABI	412	2	35	1,870	WTX
W9TAZ	844	2	7	1,788	IL
N1VMJ	704	2	6	1,698	WMA
N9VI					
(+K8IAT)	308	2	15	1,680	IN
W4RYZ	267	2	40	1,674	NFL
W1KOO	422	2	19	1,654	VT
W0ECA	498	2	6	1,646	MO
WC0AAA	326	2	14	1,602	MN
WX5FWD	607	1	7	1,577	NTX
W4MLB					
(+N4ADE)	379	2	10	1,536	SFL
W5NAC	401	2	19	1,502	NTX
AB8I	430	2	8	1,466	MI
WE4TT					
(+A14ET)	491	2	15	1,402	WCF
K14EXI	345	2	11	1,378	VA
W5LOC	297	2	6	1,352	STX
K1PQ					
(+W41JMM)	102	2	14	1,336	ME
KB5MAR	229	2	22	1,314	NTX
VE3OKV	389	2	11	1,302	ON
WB9EOC	273	2	7	1,270	IN
K2PW	110	2	9	1,234	NNJ
K6KP					
(+WA2KDX)	108	2	16	1,232	SCV
K6CME					
(+K16OYW)	185	2	10	1,230	SJV
W4CIT	254	2	10	1,218	NFL
AE5EE	28	5	10	1,200	AR
K5HLA	178	2	22	1,176	STX
KB1RDE	107	2	6	1,164	RI
WB8EMA	165	2	5	1,138	OH
KX4CC	243	2	6	1,088	GA
NC4AR	183	2	12	1,066	NC
W2ONT	121	2	15	1,030	WNY
KB4ACS					
(+KK4CJH)	392	2	9	1,014	TN
W4CQ	346	2	10	974	NC
N4SER	303	2	9	966	WCF
W6TOI	153	2	12	956	LAX
W7GDY	326	2	4	902	AZ
WX5EOC	44	2	10	878	OK
KM0HP	175	2	5	820	