

The Ham in The Hat— ARRL Field Day 2003

*With apologies and homage to
Theodor Geisel*

*The Sun it did shine as they started to
play.*

*In some places it rained on that warm
late June day.*

*The annual rite known as Field Day
had come*

*Though it would mean work—It would
also mean fun.*

*At thousands of places some walked
and some sat*

*Some were lanky. Some tall. Some
short. Some were fat.*

*But at each Field Day site like Babe
Ruth with his bat*

*Would be a great leader...The Ham in
The Hat*

When the summer solstice arrives, thoughts of the Amateur community throughout the Americas are fixed on what has perhaps become the greatest operating event each year—ARRL Field Day. In 2003, from near the Arctic Circle in Alaska to Palmer Station, Antarctica... Across the states of the US and the provinces and territories of Canada... With several DX stations participating (including the first-ever joint US-Cuban Field Day operation (see page 45 of this issue)... Field Day continued in the tradition of being a premier test of our hobby's emergency communications capability.

*The Ham in The Hat said "Do not
frown or be blue*

*To get this place ready there is so much
to do.*

*We all know a trick we can use in this
race*

*For all have some skill they can bring
to this place."*

*Some hung their antennas from high-
flying big kites*

*Some ran their transmitters by peddling
their bikes.*

Preparation for Field Day is rarely left to the last minute. Some groups book their site the day after the end of the previous Field Day. Recruiting band captains and operators...testing the generator...

planning the site layout... advertising to the public...inviting special guests...The "to do" list for Field Day can go on and on. In 2003, entries were received from a total of 2114 groups and individuals. This is a slight increase in logs from the previous year, but still marks the highest number of reports ever received for the event.

*Some sat inside trailers. Some sat in-
side tents*

*Some sat safe inside front of cold AC
vents.*

*While ol' Mr Murphy at times got his
kicks*

*'Twas Field Day that won with some
twists and new tricks.*

This year, a new entry class was added—the **Class F or EOC Station**.

They accounted for a total of 8% of all entries received during 2004. This new category encouraged groups to coordinate their operations with their various local and state Emergency Operations Centers—a key interface in any emergency plan. Class A, as always, was the most popular category, accounting for about 59% of all entries. Among the Class A operations, over one-third (38%) operated with 2 transmitters, making it the most popular individual category (see Table 2).

There was a decline in the number of reported participants during this year's Field Day—32,824 down 5% from 34,398. One astute Field Day observer noted that this may not have been due to a lack of interest in 2003, but rather due to increased participation in 2002 follow-



The Ham in The Hat paid a visit to the AG4KM GOTA station of the W4BS Delta (TN) ARC and must have left his hat. KG4NBM (left) is control operator while W4RMV (right) and K3LK (behind) watch KG4NBM's stepdaughter operate from under the hat.

**Table 1
Entries by Section**

Class	Entries	Class	Entries	Class	Entries	Class	Entries	Class	Entries	Class	Entries
AB	5	EPA	52	MDC	46	NLI	22	QC	13	TN	39
AK	3	EWA	16	ME	13	NM	24	RI	11	UT	13
AL	23	GA	54	MI	85	NNJ	40	SB	19	VA	50
AR	23	IA	24	MN	27	NNY	9	SC	22	VI	2
AZ	38	ID	11	MO	38	NTX	48	SCV	29	VT	12
BC	25	IL	86	MS	18	NV	7	SD	15	WCF	11
CO	41	IN	57	MT	16	OH	105	SDG	15	WI	44
CT	25	KS	22	NC	57	OK	19	SF	13	WMA	11
DE	5	KY	30	ND	8	ON	52	SFL	27	WNY	29
DX	5	LA	15	NE	11	OR	34	SJV	28	WPA	40
EB	18	LAX	39	NFL	33	ORG	39	SK	6	WTX	11
EMA	26	MAR	9	NH	17	PAC	7	SNJ	15	WV	17
ENY	23	MB	3	NL	3	PR	2	STX	49	WWA	48
								SV	20	WY	10

ing the events of September 11, 2001.
And when Field Day had started, How they talked and they talked.
How they talked and they talked and they talked and they talked
Some talked with CW. Some with single sideband
PSK and with RTTY they talked 'cross the land.

The total number of QSOs reported was off significantly during 2003—down to 1.15 from 1.42 million, or a decline of about 20%. This was in part due to generally very poor propagation, especially on two of the most popular bands—10 and 15 meters. There were declines in the number of QSOs on all three basic modes.
And if you looked up and you stared into space
The great ISS our earthly Field Day did grace.

For the third consecutive year, Field Day has been an “out of this world” experience, thanks to the participation of a licensed amateur on the International Space Station. This year the operator at the helm at NA1SS was Mission Specialist, ISS Flight Engineer Ed Lu, KC5WKJ.
The Ham in That Hat, he would know what to do.

How to use both the rigs—old Rig One and Rig Two.

Many groups they planned hard and included a GOTA

To make sure their group met its high QSO quota.

The “Get On The Air” Station—better known as GOTA—once again proved popular, as a total of 380 GOTA stations were reported. This means about one-

third (35.7%) of GOTA-eligible entries took advantage of this unique way to kindle (or rekindle) interest in our hobby.
The Ham in The Hat met officials with glee.
If duty does call, you can always call We!

Keeping the focus on the fact that Field Day is the principal way we demonstrate and test our emergency communications capabilities led to an expansion of the 100 point bonus for having an invited governmental official attend your setup. This time a second 100 point bonus could be earned by having an official of one of the various served agencies attend your Field Day. The majority of the Class A stations cashed in on the expanded bonus, which helps broaden the visibility of ARES, RACES, and Amateur Radio communications in our various communities.

With appetite that sometimes was voracious

To the covered dish-cookers the Ham he was gracious.

No Field Day event is ever complete

Till the dishes are full of good things to eat.

Everyone knows that Field Day has also become “the social event” for many clubs. What better combination to bring people together—good food, great friendship, a learning experience and a challenge to master. Be sure you visit the ARRL Contest Soapbox On-line at www.arrl.org/contests/soapbox, where over 140 clubs, groups and individuals across the landscape share a small part

of the Field Day story. And consider adding your photographs and memories to the site. It's a great way to share your experience and might serve to pique the interest of a potential new amateur or member for your club.

Members, make sure you visit the expanded Field Day results on-line at www.arrl.org/contests/results. There you will find an expanded write-up, some interesting tables and charts, and an interesting sidebar from that eloquent purveyor of propagation lore and knowledge, Carl, K9LA.

The Ham in The Hat, he spent the whole night.

To do something else, it just wouldn't be right.

'Mid thunder and lightning and a great 'puter crash

The Ham in The Hat—then the record did smash.

And what was this record he held so near and so dear?

Why, the record for fun he could have in a year.

And when the last QSO had finished its sound

And antennas were once flat again on the ground

A discovery of great importance was found...

A discovery discovered at each Field Day around...

The Ham in The Hat was not one ham or two.

It is every ham in the whole Field Day zoo.

Field Day has something that appeals to



The all-bicycle mobile station of WD8AAU from Dayton, Ohio. Not a huge score, but Daniel had a great time.

Table 2
Entries By Full Class

Class	Entries	Class	Entries	Class	Entries
1A	185	51A	1	1E	140
2A	471	1B1	126	2E	16
3A	306	2B1	1	3E	5
4A	128	3B1	1	5E	2
5A	85	1B2	67	6E	1
6A	30	2B2	26	1F	56
7A	19	3B2	1	2F	62
8A	9	1C	48	3F	30
9A	3	2C	1	4F	15
10A	3	1D	191	5F	9
11A	3	2D	14	6F	1
12A	2	3D	5	7F	3
14A	1	4D	3	8F	1
15A	1	5D	2	9F	2
17A	1				

Table 3
High Claimed Scores

Call Sign	Score	Class
W3AO	27,834	51 A
W4IY	20,272	17 A
W2GD	15,678	3 A
W6YX	15,610	7 F
K1R	15,198	4 A
W6PT	14,336	2 A
K4BFT	13,960	5 A
W0CQC	12,750	2 A Battery
K7EAR	12,705	3 A Battery
K8ES	12,652	4 A



When you get past the magnificent view of the club's namesake, that's Doyle, KC7GX, mounting the 20 meter Yagi for the K7ZC Mount Baker ARC (WA) CW station.

everyone. It may be the social aspect. It might be the contesting-type atmosphere. Perhaps you are drawn in to accept the challenge of testing your skills under less than optimum circumstances. Your computer skills may be what the group needs to keep them logging. Your old 10 kW generator

may be just the thing to allow your group to add the extra station or keep the coffee-pot brewing overnight.

Whatever your reason, there are thousands of hams across the bands that share your interests. The time to start planning is now. Field Day 2004 will be held, as

always, the fourth full weekend in June—this time around June 26-27. Hope to see you on the bands!

When next summer comes calling do not be caught flat.

But jump in and play. Be the Ham in The Hat.

Scores

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

1A Battery

Chew's Ridge Gang	1080	5	7	11,725	SCV
Guano Reef BP		3	3	11,020	SFL
N4BP	1032	5	3	8,810	RI
Contest Quahogs of RI		5	4	8,810	RI
W1XX	811	5	4	8,810	RI
Buffalo Lighthouse Group		5	4	6,920	WNY
K2ZR	632	5	4	6,920	WNY
W0CW Memorial Station		5	27	5,250	KS
W0GI	455	5	27	5,250	KS
Los Chupacabras		5	8	4,960	STX
WW5X	496	5	8	4,960	STX
Wyoming DX Contest Club		5	3	4,850	WY
W7SE	475	5	3	4,850	WY
Bear Mountain QRP Group		5	14	4,405	NM
WAS5Y	402	5	14	4,405	NM
Neurosa's Gopher Munchers		5	3	3,580	SV
A6EC	348	5	3	3,580	SV
Calvary Chapel AR Fellowship		5	5	3,410	ORG
WK6G	356	5	5	3,410	ORG
Anaconda ARC		5	11	3,190	MT
W7WNE	323	5	11	3,190	MT
AD4R	283	5	3	2,845	AL
WNY QRP Society		5	3	2,570	WNY
K2WNY	254	5	3	2,570	WNY
HI QRP Club & Hilo ARC		5	39	2,400	PAC
KH6IN	160	5	39	2,400	PAC
New Cuyama Quad Hoppers		5	4	1,995	SJV
N6PC	236	5	4	1,995	SJV
WA4JUK	131	5	3	1,605	VA
The Farce		5	3	1,540	SNJ
AK2S	144	5	3	1,540	SNJ
Three Generations of Hams		5	4	1,535	EPA
AC3V	159	5	4	1,535	EPA
US Department of State ARC		5	3	1,445	MDC
W3DOS	105	5	3	1,445	MDC
Tidelands ARS		5	8	1,330	STX
K5BS	109	5	8	1,330	STX
Rodeo City RC		5	22	620	EWA
N7AAW	44	5	22	620	EWA
ISS ARS		5	1	405	MDC
NA1SS	41	5	1	405	MDC
Gopher ARC @ U of MN		5	10	295	MN
W0YC	14	5	10	295	MN

1A

The Motley Crew		2	13	6,160	IL
W9GG	1629	2	13	6,160	IL
Southern IL DX and Contest Club		2	4	5,598	IL
W9HUZ	1255	2	4	5,598	IL
Parma RC		2	3	5,582	OH
K8EE	1246	2	3	5,582	OH
Metro DX Club		2	17	5,362	IL
W9TY	1405	2	17	5,362	IL
Badger Mtn ARC		2	3	4,768	CO
W0CP	1167	2	3	4,768	CO
Big Hill ARC		2	5	4,730	SD
K0HP	983	2	5	4,730	SD
Central NC DX Chasers		2	10	4,722	NC
N4OL	1146	2	10	4,722	NC
In Memory of N8SM		2	5	4,430	OH
K1LT	1155	2	5	4,430	OH
Owensboro ARC		2	12	4,420	KY
K4HY	953	2	12	4,420	KY
Gunnison Valley ARC		2	4	4,382	CO
W0FD	1694	2	4	4,382	CO
Flying Beers International Broadcast		2	4	4,228	MI
K8FBI	1209	2	4	4,228	MI
Robert F. Heytow Memorial Radio		2	4	4,192	WI
K9YA	823	2	4	4,192	WI
Car Wash Gang		2	3	3,558	SFL
W4ARM	968	2	3	3,558	SFL
The Four Hoarse Men		2	4	3,550	STX
K5PI	1061	2	4	3,550	STX
Clear Channel Communicators		2	5	3,508	WCF
KB4VC	1115	2	5	3,508	WCF
Parma Radio Club II		2	12	3,396	OH
W8PRC	871	2	12	3,396	OH
Loop Group		2	28	3,354	WCF
K0RK	1003	2	28	3,354	WCF
Case ARC		2	3	3,316	OH
W8EDU	806	2	3	3,316	OH
Comox Valley Friends		2	5	3,232	BC
VE7UF	791	2	5	3,232	BC
Hattiesburg ARC		2	14	3,084	MS
K5PN	1342	2	14	3,084	MS
Laurens ARS		2	12	3,020	SC
K4LSC	512	2	12	3,020	SC
Redmond Top Key Contest Club		2	19	3,002	WW
N7KE	655	2	19	3,002	WW
Thomson ARC		2	25	2,916	INJ
W9RCA	1255	2	25	2,916	INJ
Anti-Social FD Group		2	3	2,810	NN
N2NO	604	2	3	2,810	NN
Dinosaur Valley DX Society		1	7	2,753	NTX
W5ZG	2104	1	7	2,753	NTX
Dr. Loomis Memorial Jr. Mechanics		2	10	2,734	MDC
W3KDR	862	2	10	2,734	MDC
Stanly City ARC		2	22	2,596	NC
K4OGB	670	2	22	2,596	NC
SCAN / Red Ant Annihilators		2	14	2,546	LAX
WAGP	1101	2	14	2,546	LAX

Butte ARC		2	15	2,482	MT
W7FO	722	2	15	2,482	MT
K17RO	620	2	9	2,244	ID
Arkansas Radio Emergency Services		2	24	2,122	AR
NSAT	399	2	24	2,122	AR
Union Metropolitaine des Sans-filistes		2	43	2,044	QC
VE2UMS	460	2	43	2,044	QC
Blackstone Valley ARC		2	23	2,030	RI
W1DDD	748	2	23	2,030	RI
Hot Springs Village RC		2	12	1,982	AR
K5ID	392	2	12	1,982	AR
The Udder Club		2	7	1,962	VT
W1MOO	531	2	7	1,962	VT
look FD Assault		2	14	1,954	WV
W8ED	511	2	14	1,954	WV
Benson City ARC		2	7	1,896	ND
N0BG	647	2	7	1,896	ND
South Georgian Bay West Simcoe		2	20	1,876	ON
VE3SGB	450	2	20	1,876	ON
Valley Center ARC		2	6	1,846	KS
K0RH	673	2	6	1,846	KS
Lanark-North Leeds ARES		2	15	1,826	ON
VE3REX	376	2	15	1,826	ON
Jasper RC		2	12	1,802	GA
K4BEH	458	2	12	1,802	GA
ARC of Univ of Arkansas		2	15	1,788	AR
K5GOE	421	2	15	1,788	AR
Haltion ARC		2	17	1,740	ON
VE3OD	226	2	17	1,740	ON
Southern Oregon ARC		2	14	1,736	OR
K7LIX	559	2	14	1,736	OR
Mitchell ARC		2	7	1,728	SD
W0ZSJ	814	2	7	1,728	SD
WPPS RC		2	11	1,692	OR
W7POE	335	2	11	1,692	OR
N7WC	744	2	3	1,688	OR
W4DEX	780	2	10	1,680	NC
Cary ARC		2	22	1,656	NC
Edisto ARS	357	2	22	1,656	NC
AD4U	430	2	37	1,636	SC
Loudon County ARES		2	3	1,612	TN
KM4H	400	2	3	1,612	TN
Triode ARC		2	15	1,598	NC
N4WCO	471	2	15	1,598	NC
KY4L Contest Group		2	12	1,582	TN
KY4L	340	2	12	1,582	TN
Sam Houston Amateur Radio Club		2	18	1,568	STX
NSAK	428	2	18	1,568	STX
Benton ARS		2	11	1,534	AR
K5NE	325	2	11	1,534	AR
Austin ARC		2	64	1,510	STX
W5KA	310	2	64	1,510	STX
Woodchuck ARC		2	27	1,502	OH
KC8KLU	301	2	27	1,502	OH
MT Radio Society		2	12	1,490	EMA
W1MX	466	2	12	1,490	EMA
K7PZ	426	2	4	1,488	WW
USS Jurassic		2	10	1,468	OH
K8SSJ	81	2	10	1,468	OH
409th ASIA Hogs on Amateur Radio		2	3	1,458	AZ
N7ASA	359	2	3	1,458	AZ
W6RA	601	2	10	1,440	SF
W7BI	315	2	16	1,436	WW
Kamloops ARC		2	5	1,430	BC
VE7JT	258	2	5	1,430	BC
Endless Mountains ARC		2	5	1,422	EPA
N3EP	561	2	5	1,422	EPA
Covey Hill ARC		2	22	1,396	QC
VE2CYH	323	2	22	1,396	QC
OSARG		2	5	1,366	RI
K1OS	483	2	5	1,366	RI
Fishing Party RC		2	8	1,360	MI
K08CP	430	2	8	1,360	MI
Central WI Radio Amateurs		2	8	1,310	WI
K9UW	339	2	8	1,310	WI
Legion of Indianapolis DXers		2	3	1,288	NM
W9VW5	492	2	3	1,288	NM
Juneau ARC		2	22	1,286	AK
KL7IG	292	2	22	1,286	AK
Three River ARC		2	10	1,272	MO
W0BRN	387	2	10	1,272	MO
West Island ARC		2	19	1,270	QC
VE2CWI	260	2	19	1,270	QC
Atchison City ARS / Jackson ARC		2	11	1,260	KS
K0HK	244	2	11	1,260	KS
Jackson City ARES		2	12	1,254	NC
NC4ES	277	2	12	1,254	NC
8 Rivers ARA		2	4	1,232	WV
N8RV	357	2	4	1,232	WV
Utica ARC		2	10	1,220	WNY
K2IC	360	2	10	1,220	WNY
WDQO	388	2	3	1,202	IA
Reno City Kansas ARA		2	12	1,148	KS
W0WR	391	2	12	1,148	KS
Marshall City ARC		2	12	1,132	KS
W0GCJ	270	2	12	1,132	KS
Hiawatha / Falls City ARC		2	28	1,086	NE
AF0I	175	2	28	1,086	NE
Morris RC		2	13	1,074	NNJ
W2YD	242	2	13	1,074	NNJ
William Basic ARC		2	6	1,044	ND
K0WSN	422	2	6	1,044	ND
K0QM	356	2	5	1,012	NM

Callaway ARL		2	15	964	MO
K3OB	178	2	15	964	MO
Englewood ARS		2	23	964	WCF
K8ONV	270	2	23	964	WCF
Socorro ARA		2	7	964	NM
KC5OLJ	332	2	7	964	NM
HSB Hams		2	3	950	NTX
KG5E	280	2	3	950	NTX
Middle Georgia RA		2	20	942	GA
WR4MG	271	2	20	942	GA
North Island ARC		2	6	906	BC
VE7ARK	230	2	6	906	BC
Brazosport ARC		2	10	900	STX
K3SMW	350	2	10	900	STX
Pathfinders ARC		2	10	890	MB
VE4PAR	395	2	10	890	MB
Saluda Baptist Assn		2	5	884	SC
N4SBA	133	2	5	884	SC
Flathead Valley ARC		2	14	872	MT
K7LYY	273	2	14	872	MT
Rejects & Derelicts		2	25	854	NNJ
K7ZF	211	2	25	854	NNJ
Sons of the Beaches		2	10	832	SCV
W6ME	287	2	10	832	SCV
Amherstburg RC		2	10	82	



Early morning fog didn't deter the W6TJ Riverside County (CA) ARA from setting up their portable satellite station.

Pioneers ARC	96	5	3	1,125	IL	Burley ARC	1500	2	20	5,822	WW
W9DA						W7JQ (+W5QQQ)					
BATC						Escondido ARS	1965	2	68	5,820	SDG
WV0H	72	5	3	895	CO	N6WB (+N8PW)					
2A						Fayette AR Team	1829	2	10	5,792	KY
San Diego DX / Pt Loma ARC						N4KV					
W6PT (+W6RDF) 3931	2	14	14,336	SDG		Pikes Peak ARA	1708	2	57	5,778	CO
Tampa ARC						AF0S (+K0USN)					
N4TP (+N4SEX) 4068	2	65	12,596	WCF		Lafayette DX Assn	1555	2	21	5,698	IN
BARC/NCARS/SCARC						W9LXD (+WR9A)					
NG5M (+AB5ER) 3876	2	30	12,054	AR		Fond du Lac ARC	1560	2	25	5,694	WI
Northwest ARS						W9EBV					
W5NC (+K5PTC) 3286	2	84	11,098	STX		Schaumburg ARC					
Cortek Radio Assn						N9RJV (+AB9GD)	1508	2	40	5,672	IL
W9CA	3044	2	20	10,748	IL						
Raytown ARC						Midland (WTX) ARC	1334	2	22	5,624	WTX
K0GO (+W0RDE) 3049	2	15	10,326	MO		W5QGG					
Radio Amateurs of Northern Vermont						Ocean-Monmouth ARC	1467	2	25	5,516	NNJ
W1NVT (+W1PU) 3368	2	30	10,250	VT		N2MO (+W1GD)					
JPL ARC/Caltech ARC						Madera City ARC	1624	2	49	5,402	SJV
W6VIO (+W6UE) 2887	2	28	9,158	LAX		Candlewood ARC	1440	2	26	5,284	CT
Twin State RC						W10I (+K1YV)					
W1FN (+W1DXA)	2549	2	20	9,002	NH	North Florida ARS	1719	2	25	5,272	NFL
The Four Hot Hams						W4IZ					
N4C (+N2PY) 2333	2	4	8,960	NC		West Jersey DX Group	1295	2	12	5,268	NNJ
Palo Alto ARA						W2EN (+K2QDY)					
W6OTX(+K6YQT) 2617	2	42	8,740	SCV		Capewary RC					
Hoosier DX & Contest Club						W1AA (+W1AI)	1558	2	17	5,242	EMA
KJ9D (+W09Z) 2429	2	21	8,630	IN		Souris Valley ARC					
Shelby ARC						K0AJW (+K0RHS)	1754	2	18	5,210	ND
AA4S (+NC4CQ) 2327	2	35	8,236	NC		Clinton City ARC					
Big Bend ARC						W9PC (+W9AH)	1270	2	25	5,208	IN
K5FD (+W5ATO) 2463	2	29	8,180	WTX		Sonomoma City RA					
Buckhead Contest Club						W6SON (+W6LFJ)	1843	2	10	5,188	SF
W4TE (+W4KJ) 2424	2	11	8,178	GA		Eastern MI ARC					
Smith Chart ARS						K8EPV	1143	2	9	5,166	MI
K4CO (+K4ZMY) 2012	2	16	8,038	VA		CARS					
Motorola ARC						W4S (+W4BWC)	1901	2	14	5,140	NC
K9MOT (+KC9X) 2546	2	25	7,906	IL		Spokane DX Assn					
Cantin ARC						K7SDX (+W3AS)	1532	2	29	5,106	ID
W8AL (+K10DE) 2170	2	71	7,828	OH		Panama City ARC					
Hughes ARC						W4P (+W4RYZ)	1586	2	22	5,078	NFL
Sakonnet 49ers						Mecklenburg ARS					
KO1MV (+K1CUB)	2362	2	23	7,714	RI	W4BFB	1225	2	25	5,064	NC
W6HA (+K6BNWJ)	1933	2	19	7,430	LAX	Northwest Mississippi Amateurs					
St Louis ARC						K5K (+W4FFP)	1251	2	28	4,970	MS
K0LIR (+K0GKP) 2064	2	26	7,260	MO		Northeast Tarrant ARC					
Randallstown ARC						N5EOC (+W5AP)	1213	2	35	4,952	NTX
N3IC (+K3MZ) 2245	2	15	7,238	MDC		Lynchburg ARC					
Wayne ARC						K4CQ (+K1BH)	1374	2	50	4,932	VA
W8WOO (+N8IW)	2098	2	14	7,182	OH	Tennessee Valley DX Assn					
Muskegon ARC						W4FOA	1364	2	17	4,866	GA
N5KK (+K4SIS) 1956	2	14	7,090	OK		Monroe City Radio Communications					
Mother Lode DX & Contest Club						W8PI (+W8DWL)	1521	2	23	4,856	MI
K6AO (+K6TKD) 1728	2	11	6,936	SV		Massillon ARC					
McMinn City ARC						W8NP (+W8DEA)	1289	2	25	4,842	OH
NA4K (+W4PNI) 1874	2	35	6,914	TN		District Seven Advisory Council					
MN DX Assn						W4W	1188	2	22	4,782	VA
N0FP (+W0RK) 1794	2	10	6,730	MN		Moonrose ARC					
Twin City FM Club						K0SX (+K10KY)	1324	2	26	4,778	CO
W0EF (+W0AMT) 1889	2	40	6,712	MN		Northern Ohio DX Assn					
Montgomery ARC						W8DXA	1613	2	22	4,756	OH
W4AP (+K8AJX) 1575	2	58	6,590	AL		Forsyth ARC					
Cape Fear ARS						W4NC (+W4WS)	1430	2	44	4,752	NC
K4MN (+K64YWF)	1879	2	31	6,374	NC	Brandon ARS					
Fox River Radio League						K4TN (+W4WU)	965	2	47	4,716	WCF
W9CEQ (+W9NE)	1754	2	35	6,272	IL	Sierra Blanca ARC					
Oakland City ARS						KR5NM (+AB5JR)	957	2	10	4,688	NM
W8TNO	1857	2	15	6,246	MI	Delta ARC					
NC Contesters						W4BS (+AG4KM)	1166	2	50	4,680	TN
NR3X	2032	2	4	6,206	NC	550 DX Club					
Providence RA						K4TDP	1212	2	7	4,656	AL
W1OP	1955	2	17	6,198	RI	Richmond ARC					
Palos Verdes ARC						VE7RRR (+VE7YV)	1018	2	40	4,564	BC
K6PV	1789	2	19	6,192	LAX	Motorola ARC of Arizona					
Fidelity ARC						W7MOT	1475	2	15	4,486	AZ
WV1H (+W1WMM)	1915	2	24	6,138	RI	Gallatin Ham Radio Club					
Middletown ARC						W7ED	1130	2	13	4,480	MT
W2MAR (+W2IMU)	1651	2	24	6,022	NNJ	Arrow Club					
Philips ARC						W8UM (+W8PGW)	1062	2	40	4,464	MI
W1HP	1593	2	9	6,020	EMA						
Green River Valley ARS						Coconino ARC / North AZ DX Club					
K9WM	1791	2	14	5,992	IL	W7TB (+AA7AC)	1363	2	8	4,438	AZ
Bossier Marshal Office						Nashoba Valley ARC					
K5BMO	1644	2	24	5,992	LA	N1NC (+K1HDO)					
Heart O' Texas ARC, Inc											
W5ZDN (+W5TSA)	1735	2	25	5,982	NTX	Paso Robles ARC	1424	2	21	4,396	EMA
						W6R (+W6PRB)	2239	1	16	4,318	SB
						Canadian Police College ARC					
						VE3CPC (+VE3XEM)	1085	2	11	4,310	ON

BSA Explorer Post 599						Blossomland ARA	721	2	22	3,100	MI
WA2DFI (+W7BSA)						W8MAI					
1063	2	10	4,274	AZ		Harris/Intersil ARC					
Central Louisiana ARC						K4HRS (+WA4AQV)	1249	2	14	3,098	SFL
K5MS (+K5SWU)	1124	2	50	4,264	LA	Boeing Employees ARC	982	2	55	3,062	ORG
Tupelo ARC						Clairemont Repeater Assn					
KK5K (+KB5NSP)	1334	2	31	4,240	MS	W6VLD (+N6RH)					
Harrison ARS						Hiawatha ARA					
W5JJ	1232	2	6	4,228	AR	K8LOD (+N8RY)	743	2	30	3,046	MI
Antelope Valley ARC						Milford ARC					
K6OX (+N6VTS)	1147	2	50	4,196	LAX	W8YDK (+K8AIR)	879	2	50	3,028	MI
3M ARC / St Paul RC / Metro Area						Blackford Amateurs					
W0JH (+K0AGF)	1037	2	38	4,184	MN	AA9Z (+WB9HLA)	773	2	10	2,934	IN
Sioux Empire ARC						Valencia City ARA					
W0ZWY	1267	2	20	4,138	SD	KCSOUR (+N5PR)	558	2	46	2,926	NM
Oak Ridge ARC						Central Ohio ARES					
K4PI	993	2	36	4,130	TN	K8DDG	1048	2	35	2,922	OH
Hanover Area Hamming Assn						North Okaloosa ARC					
KF3M	976	2	17	4,130	MDC	W4AAZ	918	2	16	2,904	NFL
Virginia DX Century Club						Irvine Disaster Emergency					
W4DZ	1068	2	14	4,096	VA	N6IPD (+KW6B)	681	2	33	2,902	ORG
Trin City Repeater Club						South Lyon ARC					
W0BU (+K0JAF)						N8SL	561	2	11	2,864	MI
	1156	2	48	4,086	MN	Mt. Baker ARC					
Kilicycle Club of Ft Worth						K7ZC (+K7SKW)	700	2	30	2,808	WW
W5SH	1135	2	12	4,076	NTX	Hancock ARC					
Foothills ARS						W9ATG (+N977)	641	2	43	2,816	IN
K6YA	995	2	25	4,024	SCV	West Virginia AR					
Howell Cty ARC						WV8AR	733	2	20	2,800	WV
K0RWL	841	2	12	3,950	MO	Grand Rapids ARA					
Oklahoma City Autopatch Assn						W8DC (+W8IPN)	605	2	35	2,796	MI
WSMEL (+AE5MH)						South Town ARS					
	1071	2	37	3,942	OK	WB2ELW	667	2	32	2,776	WNY
Radio Operadores Del Este						Thibodaux ARC					
KP3RE	1231	2	77	3,936	PR	W5YL	826	2	10	2,764	LA
Tippecanoe ARA						Westside ARC					
W9REG	929	2	18	3,876	IN	WA6RC	714	2	32	2,758	LAX
Ski Country ARC						Sevier City ARES					
K0RV	1214	2	15	3,834	CO	AC4LS (+K4V4EL)	697	2	11	2,756	TN
American Red Cross Emergency						LEFROG					
W82QBP (+K2AR)	1455	2	30	3,796	NLI	W9BVBQ	592	2	19	2,752	WI
San Mateo RC						Sterling Park ARC					
W6UQ (+W6VJK)						W4RW (+K4NVA)	715	2	16	2,748	VA

Drake ARC						Garden State A.R.A.			
K8UU (+WE8N)	878	2	11	2,882	OH	W2GSA	1107	2	27
Longmont ARC						Kishwaukee ARC			
W0ENO	503	2	20	1,680	CO	W9CJN	1069	2	25
Spartanburg ARC						Hamfesters RC			
K4II	410	2	26	1,654	SC	W9AA (+KB9FQB)			
Tri-Lakes ARC							1347	2	31
W2TLR	192	2	20	908	NNY	Livermore Amateur Radio Klub			
Coon Valley ARC						N6A (+N6FQQ)	1251	2	35
WA0SPG	259	2	5	840	IA	Michiana ARC			
Creston Valley ARC						W9AB	957	2	39
VE7RCA	170	2	4	780	BC	Tar River ARC			
Morgan City R-2 Schools						W4DCG (+W4MY)	1307	2	20
KC0LZD (+N0AYI)	70	2	25	674	MO	Bergen ARA			
Georgian Bay ARC						K2BAR	1309	2	26
VE3QSR	234	2	35	482	ON	WIARC / HARC			
Naturist New Hampshire						W9AWE (+AB9DU)			
NU1DE	105	2	3	310	VT		1180	2	25
3A Battery						Pottstown Area ARC			
Eastern Arizona ARS						K3ZMC	1093	2	29
K7EAR (+K7JEM)						Utah ARC			
	1509	5	17	12,705	AZ	W7SP (+AG7GR)	1074	2	10
Franklin City ARC						Nassau ARC			
AC1L	514	5	25	5,835	WMA	K2VN (+WA2AQQ)			
Paulding ARC							1035	2	15
W4TIY (+WB4QQJ)						Xerox ARC			
	518	5	19	4,795	GA	KE2T (+K2OID)	939	2	20
Knightlites QRP Club						Paduchia ARC			
W04RP	446	5	3	4,760	NC	W4NJA	1000	2	18
Fannin City ARC						Eau Claire ARC			
K5R (+K5FRC)	379	5	51	4,320	NTX	W9EAU (+K9G9A)	940	2	20
High Desert DX Assn						Runestone RC			
W6EFB	255	5	55	2,970	SJV	W0ALX (+K00MNJ)			
Cecil County DES							889	2	23
W3COU	157	5	5	2,290	MDC	Medina 2 Meter Group			
Stamford ARA						K8FH	1045	2	25
W1EE	150	5	20	1,840	CT	Dial Radio Club			
Keno ARC						K8PI (+W8BLV)	899	2	38
K7ENO	171	5	15	1,465	OR	South Texas ARC			
K7EL	92	5	3	995	WW	N5CRP (+K5V)	1105	2	20
3A						Sportsman Paradise ARC			
Cherryville Repeater Assn II, Inc						K14AYV	1054	2	44
W2GD (+W2CRA)						Six Meter Club of Chicago			
	4903	2	30	15,678	NNJ	K9ONA	1057	2	15
SERC/FCG						Larkfield ARC			
NJ4M (+NE4AA)	3830	2	41	12,268	WCF	W2LRC (+AB2NJ)	753	2	36
Sussex County ARC						Tipton ARS			
W2LV (+W2V)	2927	2	27	10,620	NNJ	N4Z	861	2	14
Rochester (NY) DX Assn						Northwest Illinois ARC			
W2RDX (+W2AN)						W9RB (+KB9SEW)	942	2	15
Pikes Peak DX Group						Chicago FM Club			
W0GG (+K0CMLZ)						N9PA	1079	2	18
	3031	2	12	10,092	CO	Randolph ARC			
Santa Barbara ARC						NC4ZO (+AG4ZH)	794	2	58
K6TZ (+K6FDI)	2741	2	31	9,888	SB	Sudbury ARC			
Magnolia DX Assn						VE3ZI	939	2	11
K5MDX (+N5OS)	2674	2	20	9,596	MS	Kent City ARC			
Sturdy Memorial Hospital ARC						W3HZW (+AA3ZH)	860	2	15
W15MH (+N1IV)	2544	2	30	9,408	EMA	EFFECT			
Mitre Bedford ARC/Billerica ARS						N8LH (+K18BU)	990	2	16
W10N (+NF1A)	2448	2	45	9,238	EMA	Boulder ARC Jr.			
Massanutten ARA & Valley ARA						AB0XS (+AB0TD)	1076	2	53
N4XU (+K21A)	2641	2	10	8,904	VA	Yonkers ARC			
ARC of Parker City, Texas						W2YRC (+W2CZ)	810	2	60
W5PC (+W5RON)						L'Anse Creuse ARC			
	2505	2	24	8,744	NTX	N8LC	1034	2	30
North Shore RC/Metro ARC						North Georgia ARC			
K9OR (+AB9CQ)	2281	2	45	8,532	IL	W4QQ (+W4SDR)	955	2	29
Mid-Missouri ARC						Brightleaf ARC			
N0SS	2042	2	25	7,856	MO	W4AMC (+NC4PC)	654	2	28
Old Barney ARC						Milton ARC			
N20B (+N2CW)	2274	2	50	7,518	SNJ	W4VIY	889	2	18
Mckinney ARC						Milford (OH) ARC			
W5MRC (+K5EEN)						W8MRC	933	2	47
	1780	2	79	7,452	NTX	SPARC			
Castalia Island DX Assn						K3IR (+AA3C)	867	2	25
K4UP (+W4RMT)	2517	2	12	7,426	NC	Fort Myers ARC			
Nittany ARC						W4LX (+KG4TR)	711	2	75
W3YA (+W3GA)	4696	1	30	7,362	WPA	The 440 Group			
Mile High DX Association						WU3Z (+W9WV)	777	2	35
K0AB	2086	2	12	7,278	CO	TTT-ARCH			
Columbus ARC						W4KARC (+W4DUI)	813	2	29
N4WW (+K04RR)	1607	2	62	7,202	GA	Des Moines RAA/ARCS			
Williamson City ARC						W0AK (+KC0AHQ)	760	2	40
N5TT (+W5CT)	2027	2	54	7,084	STX	Broken Arrow ARC			
W/K ARC of Greater Milwaukee						W5BBS (+AE5ME)	714	2	10
N9AW	1622	2	13	6,964	WI	Central MO Radio Assn			
East Bay ARC						K0SI	615	2	15
W6CUS	1642	2	20	6,790	EB	W0MXW (+N0ADQ)	1201	1	50
Greater Norwalk ARC						Boston ARC			
N1EV (+W1NLK)	1891	2	36	6,640	CT	W1BOS	625	2	45
Poughkeepsie ARC						Tri-State ARA			
N2YL	1760	2	16	6,550	ENT	W8VA (+W8OI)	686	2	55
Twin City Ham Club						Riverside City ARA			
W5EA	1837	2	35	6,426	LA	W6TJ	876	2	61
Vienna Wireless Society						Cambridge ARC			
K4HTA	1507	2	47	6,078	VA	W8VP	629	2	30
South Orange ARA						San Fernando Valley ARC			
K6SOA (+K6WO)	1573	2	47	6,026	ORG	W6SD	731	2	40
North Shore RA						Bristol ARC			
NS1RA	1478	2	55	5,738	EMA	W4UD	868	2	50
Central OR DX Club						Frederick ARC			
W7MT	1744	2	8	5,692	OR	VE9ND	785	2	22
Regina ARA						North Ottawa ARC			
VE5NN	1611	2	19	5,570	SK	W8CSO (+N8ARY)	662	2	40
Baton Rouge ARC						Old Virginia Hams ARC			
W5GIX (+K5LSU)	1412	2	52	5,552	LA	W4OVH (+N8FK)	776	2	32
Fauquier ARA						Chicago Suburban RA			
W4VA (+N3KTU)	1661	2	35	5,524	VA	N9BAT (+W9CHI)	789	2	7
Franklin City (VA) ARC						Foothills (SC) ARC			
W4FCR (+K4BSF)						W1T4F (+W5UGD)	673	2	28
	1224	2	24	5,402	VA	First State ARC			
TARGA						K3QBD	913	2	15
K4SV	1326	2	14	5,370	NC	Fall River ARC			
Redwood Empire DX Assn						W1ACT (+N1JOY)	468	2	17
W6BK	1849	2	24	5,334	SF	Kennebec ARC			
County Line ARA of Northwest NJ						W4BT1 (+AB0NG)	618	2	40
K2AF	1396	2	15	5,182	NNJ	Scorpion Ranch			
Golden Triangle ARC						W54Y	723	2	5
W6GTR (+K6NDF)						Shoreline ARC			
	1321	2	40	5,126	ORG	W1BCF	598	2	33
Elkhart City RA									
K9WJU	1128	2	63	5,014	IN				
K7DAV (+N7CN)	1217	2	13	4,896	UT				
Amateur Radio for Youth									
W0YH (+K0EMS)									
	1644	2	20	4,764	CO				
Southern Vermont ARC									
W1TB (+K2IIR)	1524	2	14	4,740	VT				
Geezer/Natomas ARC									
W6AW (+N6FR)									
	1353	2	16	4,736	SV				



K6Z, the Huntington Beach (CA) RACES group, was ready for anything along Radio Way—quakes, tornados, tsunamis...

Evergreen Baptist Church ARC						Ashtabula City ARC			
K7EBK	538	2	10	2,776	WW	K8CY	519	2	19
Hambuds						Lapeer City ARA			
KA5E	629	2	20	2,756	STX	W8LAP	603	2	25
SPARK						Surrey ARC			
W0MAC	606	2	10	2,754	STX	Surrey ARC (+VE7RSC)	367	2	7
Big Thunder ARC						Jones City ARC			
W9GWM	627	2	20	2,714	IL	NN0L	479	2	28
Ramapo Mtn. ARC						Irving ARC			
WA2SNA	744	2	10	2,684	NNJ	K5I	320	2	29
Plattsburgh ARC						Society of Newfoundland Radio			
K80SMX	379	2	16	2,670	NE	VO1AA	384	2	29
Kings City RC						Socorro & Tech ARA			
W2RAK (+WA3YRE)						K5C0RO	431	2	24
	834	2	15	2,648	NLI	Mystic Valley ARG			
Longview East Texas RC						N1MY	332	2	25
NSREO	362	2	26	2,624	NTX	Kootenia ARS			
Bill Hoehl Memorial Contest Group						K7ID	431	2	4
W4UOT (+N0EUU)						Aroostook ARA			
	562	2	43	2,614	TN	K1FS	515	2	22
Red Ryders						Naval Research Lab ARC			
W8KX (+KW8G)	805	2	5	2,596	MI	W9NKF	384	2	10
Shenandoah Valley ARC						Orchard City ARC			
W4RKC (+N8GM)						VE7OGG	425	2	25
	614	2	29	2,592	VA	St Mary's City ARA			
Rip Van Winkle ARS						K3HKI	414	2	26
K2RWV (+N2KN)	663	2	25	2,558	ENY	Clay City ARC			
Base ARC						W0TE	697	2	10
VE7RCN	816	2	12	2,552	BC	Saratoga City RACES			
Central Washington ARC						WA2UMX	570	2	21
W7TT (+W7FEO)	502	2	10	2,526	EWA	Park City RC			
Piscataway ARC						AB0PC	243	2	7
K2VOA	645	2	20	2,512	NNJ	Stallion Springs ARC			
Nacogdoches ARC						K6GTB	449</		

Tri-County ARA K6AGF	472	2	15	1,566	LAX	Skywide ARC VA3SKY	150	2	10	958	ON	Kanawha ARC W8GK (+K8BHHN)	1779	2	25	6,020	WV	Orange Cty (NY) ARC, Inc W2HO	410	2	35	1,992	ENY
New ARC, Inc W4EWN	238	2	15	1,556	NC	Digital Prairie Dogs AA9UF	158	2	3	942	IL	Jefferson Cty ARC W7JCR (+N7PL)	1435	2	32	5,988	WW	Durham FM Assn N4UBH	520	2	20	1,984	NC
Mid Island RA VE7MIR	366	2	15	1,556	BC	Wabash Cty ARC KB9LDZ	150	2	4	902	IN	Scottsdale ARC K7TR	1550	2	17	4,584	AZ	Hot Spicy Mustard K4HSM	706	2	19	1,914	TN
Monessen ARC W3CSL	350	2	26	1,532	WPA	Thunderbolt ARA KJ0T	45	2	39	896	CO	Peel ARC VE3XR	1156	2	40	4,456	ON	Portage ARC KJ30	437	2	30	1,914	OH
High Sierra FD Group WB7ZQZ	455	2	10	1,510	SV	Carl Hayden High School ARC KC7KFF	240	2	10	880	AZ	TAARS N04Y	1053	2	32	4,374	NC	Central KY ARC WA4UJX	326	2	60	1,910	KY
Bridgerland ARC W7IVM	401	2	30	1,510	UT	Lehigh Valley ARC W30I	173	2	19	868	EPA	Contoocook Valley RC K1BKE (+AA1YN)	1230	2	18	4,342	NH	Pearland ARC K5PLD	422	2	13	1,854	STX
Radio Amateur of Cory W3YXE	215	2	12	1,482	WPA	MARC K9SAD	183	2	6	866	IL	K1BKE (+AA1YN) Fort Wayne RC W9TE (+K89WWM)	1133	2	48	4,340	IN	Tri County CW ARC W3TCW	400	2	26	1,854	WPA
Tri Town Radio Amateur Club W9VT (+N9WDG)	309	2	27	1,478	IL	Chesley Chipmunks VE3ILJ	180	2	9	860	ON	Grumman ARC WA2LQO	1164	2	25	4,296	NLI	Waterville Area Wireless Assn WA1WA	224	2	19	1,838	ME
Triangle East AEA AG4WE	221	2	20	1,476	NC	East River ARC W8MOP	156	2	20	844	VA	Sothwest Missouri ARC N0EW	935	2	40	4,218	MO	Hall of Science ARC WB2JSM	331	2	12	1,826	NLI
K8HO	394	2	20	1,476	OH	New Ipswich ARES Club N11NH	131	2	5	826	NH	Two Rovers ARC W3OC	1028	2	36	4,210	WPA	Lower Yakima Valley ARC AC7XO	435	2	32	1,804	EWA
Sweetwater ARC WY7U	337	2	24	1,460	WY	Maple Ridge ARC VE7CML	189	2	15	816	BC	Tuscaloosa ARC W4MD (+N04K)	1224	2	50	4,188	AL	Crow River ARC W0CRC	346	2	26	1,792	MN
TBARC K8PA (+N8YK)	368	2	9	1,446	MI	Miamisburg Wireless W8AJ	151	2	10	804	OH	Peconic ARC W2AMC	993	2	41	4,120	NLI	Huntington Beach (CA) RACES K7Z	278	2	30	1,768	ORG
Hancock Cty ARES K5DMC	289	2	5	1,446	MS	Quality Air Klub K7VIT (+N7UBS)	148	2	15	796	OR	Wabash Valley ARA W9UUU	1028	2	48	4,102	IN	TARS W9OG (+N9QVQ)	478	2	20	1,756	IN
Brownwood ARC K5BWD	324	2	15	1,444	NTX	Top of Michigan ARC AA8PQ	97	2	10	794	MI	South Bay ARC W6SBA (+W6ATT)	934	2	26	4,072	LAX	St Croix Valley ARC VE1IE	211	2	14	1,738	MAR
Hot Springs ARC K0HS	238	2	15	1,430	SD	Barry ARA KC8VTO	121	2	6	776	MI	Alford Memorial RC W4BOC (+KC4TOW)	910	2	60	3,998	GA	Cascades ARS W8JXN	214	2	14	1,648	MI
Cherokee Capital ARS K4WOC	184	2	10	1,426	GA	The Maxim Club N7QJ	186	2	3	772	OR	Wireless Association of South Hills N3SH (+W43SH)	887	2	21	3,924	WPA	Keuka Lake ARA A12U	321	2	8	1,618	WNY
South Brevard ARC K4SBA	185	2	20	1,424	SFL	Radio Amateur Educational Society VE6CWM	62	2	10	764	AB	Greater Vancouver Radio Group VE7VRG	1317	2	38	3,908	BC	NBC ARC N2EWF	381	2	5	1,592	LAX
Sunparlor ARC VE3SPR	446	2	12	1,422	ON	Matanuska ARA K7JFU	44	2	9	732	AK	Central Michigan ARC W8MAA (+KC8QZE)	801	2	20	3,726	MI	Hayward RC K6EAG	236	2	16	1,496	EB
Maryland Mobiles ARC W3CU	361	2	15	1,422	MDC	Area Amateur Radio Operators W9YPS	165	2	12	730	IL	Hamilton ARC VE3D	1081	2	17	3,498	ON	Yolo ARS K6UO	332	2	17	1,472	SV
Fountain Valley RACES / WCARC W6WC	310	2	11	1,420	ORG	Calvert ARA K3CAL	100	2	8	690	MDC	Wabash Valley ARA W9UUU	1028	2	48	4,102	IN	Deep East Texas ARC W5IRP	307	2	21	1,460	STX
Muncie Area ARC N9RI	203	2	25	1,414	IN	KROG Metropolitan ARC K8NOW	305	2	8	610	MI	Smoky Mountain ARC W4OLB (+KC4PDQ)	898	2	20	3,338	TN	Sisters Repeater Group W7GLG	289	2	17	1,420	OR
Delta City ARA K8ZAS	502	2	5	1,404	MI	Rural ARA KC7WIR	88	2	3	590	NV	Nevada City ARC W6DD	703	2	15	3,338	SV	BARK / MRCN VO1BRK	156	2	10	1,392	NL
Southern Counties ARA K2BR	336	2	15	1,402	SNJ	DCARC/BRRC W0BXO	131	2	15	562	SD	Orange Cty ARC, Inc W6ZE	946	2	40	3,350	ORG	Upper Valley ARC K8FBN	142	2	21	1,384	OH
Katy ARS KT5TX	331	2	14	1,392	NTX	Texas Instruments ARS W5TI	87	2	11	554	STX	Smoky Mountain ARC W4OLB (+KC4PDQ)	898	2	20	3,338	TN	Tonto ARA N7TAR	265	2	65	1,342	AZ
Titusville ARC W4TAT	467	2	37	1,388	SFL	MA National Guard ARC K81UE	62	2	9	530	EMA	Nevada City ARC W6DD	703	2	15	3,338	SV	Cherry Hill OEM Group NJ2CH	240	2	4	1,332	SNJ
Richmond (VA) ARC W4ZA (+K4RKO)	244	2	33	1,386	VA	Gateway ARC W4KD	70	2	10	494	KY	Kent ARS K3ARS (+N3WGC)	774	2	10	3,324	MDC	SMARTS N0EN	354	2	36	1,308	MN
Dubois Cty ARC AA9SE	205	2	15	1,376	IN	3A Commercial Russian Speaking RC of Toronto VE3GKW	1216	2	9	4,356	ON	South Baldwin ARC W4INU	749	2	32	3,322	AL	Denver RC W0TX (+K0CBGA)	247	2	5	1,284	CO
Bluegrass ARS K4KJQ	329	2	14	1,370	KY	Splitrock ARA K2RF (+K2EFK)	1224	2	41	3,396	NNJ	Mid Vernon ARC K4KUS	889	2	27	3,250	VA	Kachina ARC W7EH	284	2	28	1,234	AZ
Big Lake ARC W4KPG	225	2	10	1,362	SFL	Zamora Shrine Radio Unit W4ZHR (+K4HAL)	802	2	15	2,868	AL	Anthracite Repeater Assn W3SJ	969	2	30	3,230	EPA	Charles E Newton ARC K4HYB	111	2	17	1,230	GA
Ventura Cty ARC K6MEP	170	2	7	1,340	SB	Xavier Alumni RC K8WBL	788	2	10	2,584	OH	Kokomo ARC W9GO	682	2	27	3,164	IN	MI. Shasta ARC W6BML	349	2	9	1,218	SV
Mississippi Coast ARA W5CR	257	2	36	1,334	MS	Copper Country RAA W8CDZ	560	2	11	2,082	MI	Lanierland ARC W4L	805	2	55	3,162	GA	Dirty Dawg CW Group K9WJ	375	2	18	1,206	IN
Umpqua Valley ARC K7AZW (+K7WDR)	328	2	28	1,296	OR	Adams County ARS W3KGN	297	2	10	1,870	EPA	Plano Amateur Radio Klub K5PRK	1061	2	40	3,146	NTX	Independent RC WA6IRC	234	2	20	1,202	SB
Seaway Valley ARC VE3VSW	207	2	5	1,294	ON	Gratiot Cty ARA W8AEG	503	2	14	1,726	MI	Mid-Atlantic ARC W3NWA	603	2	49	3,120	EPA	Pioneer ARC K0JFN	253	2	20	1,110	NE
Pasadena RC W8KA	228	2	64	1,286	LAX	Macon County ARC N0PR (+AB0C)	543	2	17	1,326	MO	Garlic Valley ARC W6GGF	818	2	16	3,104	SCV	Middlesex ARS W1EDH	288	2	12	1,086	CT
Sierra Intermountain Emergency RA N7VYL	272	2	22	1,284	NV	W3SMR	549	2	20	1,186	MDC	Four Lakes ARC W9JZ (+N9OJN)	921	2	30	3,090	WI	Lamoine Emergency ARC W9SSP	152	2	16	1,054	IL
Peninsula Radio Operator Society W3PRO	188	2	27	1,284	MDC	Hillsdale Cty ARC K8HRC	131	2	15	886	MI	North West Society of Amateur Radio N7UO (+K7WBP)	742	2	27	3,078	WW	TCARES K6VY	171	2	34	1,042	SJV
Sunset Empire ARC W7BU	182	2	13	1,282	OR	Ehams K9IC	91	2	8	186	IN	Holland ARC K8DAA (+K8FQS)	768	2	75	3,016	MI	Gladwin ARC KB8ZML	161	2	25	1,022	MI
Alexander Cty ARES/RACES W4ERT	320	2	11	1,270	NC	Midway ARC W0KY	82	2	15	164	NE	Troy Amateur RA N2TY	1088	2	62	2,988	ENY	SCARE KM7P	269	2	4	938	OR
Southeast ATC N8ZT	271	2	12	1,248	OH	Yadkin Valley ARC KE4YVF	64	2	6	130	NC	Rockford ARA W9AXD	627	2	8	2,964	IL	Riverland ARC W9ARC	103	2	47	930	WI
AB8KP	240	2	10	1,248	MI	4A Battery Summit ARA K3ZZ	1159	5	8	9,040	MDC	Brownsburg Hawkesbury ARC VE2CWB	997	2	10	2,946	QC	Chaois Theory W8RFH	194	2	21	916	WI
Miami Cty ARC W8FW	286	2	21	1,248	OH	Lockheed Martin ARC W5IU	758	5	60	7,685	NTX	Lowndes/Magnolia ARC AA5MT (+K5LDT)	645	2	37	2,942	MS	Mid Ohio Valley ARC AB8S	107	2	22	814	OH
Scranton Pocono Radio Klub K3CSG	371	2	25	1,242	EPA	Portland ARC W7LT (+W7PR)	704	5	26	6,285	OR	Catalina RC W7SA (+WB4RTP)	643	2	23	2,940	AZ	Lake Cty ARES Group N4FLA	465	2	47	2,058	NFL
Picorams K9USA	190	2	26	1,242	IL	Montachusett ARA W1GZ	476	5	12	4,765	WMA	Chain O'Lakes ARC W8COL	741	2	30	2,922	MI	Somersct City ARC K3SMT (+NN3A)	551	2	20	1,762	WPA
Motorola ARC - West W6MOT (+KF6QED)	369	2	17	1,238	ORG	DeKalb County ARC W4GBR	476	5	25	4,195	AL	Island Cty ARC W7AVM	831	2	20	2,920	WW	RA of Western New York W2PE	340	2	13	1,338	WNY
Grant Cty ARC W9EBN	261	2	8	1,238	IN	North Penn ARC W3BTN	352	5	4	4,120	EPA	Starved Rock ARC W9MKS (+K89EZZ)	441	2	51	2,806	IL	Black Diamond ARC W8HY	437	2	12	1,274	WV
Eastern Ontario ARC VE3SAU	218	2	9	1,236	ON	Boeing Employees ARS of Seattle K7NWS	467	5	17	4,030	EWA	IUA Squared W5UIA	772	2	15	2,710	NTX	Susquehanna Valley ARC W3VPJ	176	2	22	820	EPA
Burlington Cty RC K2TD (+K2M)	251	2	20	1,210	SNJ	OCWA Chapter 162 K9AKG	100	5	11	1,835	WI	BARC & SACMARC W0WYV	451	2	12	2,704	NE	David Sarnoff ARC N2RE	459	5	45	4,775	SNJ
Mercer Cty ARC W3LIF	190	2	18	1,206	WPA	4A Port City ARC K1R (+W1WQM)	4956	2	30	15,198	NH	Salem ARC W7SAA (+W7RCK)	594	2	92	2,682	OR	5A Battery Huntsville ARC K8BFT (+WB4UEE)	4323	2	58	13,960	AL
Fallbrook ARC N6FQ	342	2	45	1,184	SDG	Delaware ARA K8ES (+N8OB)	3537	2	63	12,652	OH	NCBI Easton ARS K3EMD	768	2	30	2,638	SV	Pina Colada Contest Club CO0US (+T42FD)	3481	2	10	11,128	DX
Ft Herkimer ARA, Inc KB2UYI	173	2	22	1,180	WNY	Western ARA N8ME	3079	2	22	10,716	ORG	PVRA N1XG	899	2	25	2,596	CT	Ozaukee RC W9LO (+W9M)	2403	2	29	9,146	WI
RECWA WA2GUG	139	2	3	1,178																			

DePage ARC W9DUP (+KB9WVJ)	1807	2	18	6,028	IL
Brazos Valley RC W5DPA	1156	2	40	5,416	STX
Eastern Connecticut ARA K1MUJ	1367	2	31	5,248	CT
Boling Brook ARS WG9L	1128	2	27	4,980	IL
Schenectady ARA K2AE	1675	2	60	4,896	ENY
Virginia Beach ARC W4UG	1200	2	40	4,654	VA
Broward ARES/RACES N4CU	1113	2	30	4,652	SFL
Clear Lake ARC K5HOU	861	2	12	4,496	STX
Butler City ARA W3UDX (+AA3YW)	1161	2	60	4,412	WPA
RF Hill ARC W3AI	1340	2	15	4,280	EPA
Monongalia Wireless Assn W8MWA	891	2	21	4,108	WV
Andrew Johnson ARC W4WC	994	2	38	3,948	TN
Nortown ARC VE3NAR	1043	2	15	3,800	ON
York Region ARC VE3YRA (+VE3SLM)	962	2	41	3,732	ON
South Bay ARA KUGS (+W56S)	873	2	50	3,720	EB
Columbia-Montour ARC WC3A (+N3KYZ)	645	2	15	3,630	EPA
Wilson ARC WC4AR	763	2	54	3,578	TN
Hazel Park ARC W8HP (+W8JUV)	961	2	48	3,530	MI
Canbridge ARC VE3SWA	919	2	5	3,498	ON
London ARC VE3LON	1055	2	20	3,408	ON
FARS & VRAC & NRAC N7V (-N7UR)	762	2	84	3,398	NV
METRO/SPARC W4BPH	693	2	10	3,368	WCF
Lancaster and Fairfield County ARC K8QIK	728	2	30	3,296	OH
Mt. Diablo ARC W6CX	887	2	75	3,182	EB
Flagler Palm Coast ARC W4FPC	768	2	24	3,178	NFL
SLVARC & LPRC AC6AD	766	2	15	3,020	SCV
Silvercreek ARA AB8GO (+K8PQ)	756	2	11	2,974	OH
Rock River Club W9TCH (+KB9NUM)	664	2	25	2,936	WI
Alamo Area Radio Organization AA5RO (+KC5QIG)	583	2	60	2,864	STX
Kings Cty Repeater Assn KC2RA	829	2	42	2,858	NLI
ARC of El Cajon WS6F (+WA6BGS)	992	2	64	2,786	SDG
Southern Pennsylvania Comm. Group K3AE	712	2	30	2,748	EPA
Midland ARC W8KEA	513	2	17	2,724	MI
Coachella Valley ARA NR6P	558	2	26	2,642	ORG
Kitchener Waterloo ARC VE3IC (+VE3YKF)	618	2	24	2,570	ON
Great Plains ARA KJ0JZ	567	2	25	2,400	NE
N19A	422	2	20	2,392	IN
Madison-Oneida ARC W2MO	436	2	26	2,316	WNY
Marion ARC W8GVB (+N8WOB)	568	2	20	2,258	OH
ARCS & CARS Joint Field Day K4S	461	2	55	2,238	GA
HEATHENS W5UW	613	2	6	2,228	OK
Chesapeake Amateur Radio Service W4CAR	515	2	25	2,202	VA
Skyview RS K3MJW	436	2	19	2,172	WPA
The Northern Ohio ARS K8KRG	486	2	18	2,074	OH
Wisconsin Valley RA W9SM	274	2	15	2,050	WI
Toothless Talkers N8VE (+KB8QDX)	716	2	16	2,038	OH
Boeing Employees (KS) ARS KC0AHN	281	2	25	2,018	KS
Quanaopowitt RA W1EKT	391	2	12	1,998	EMA
Navarro ARC N5DDC	440	2	47	1,822	NTX
Western Carolina ARS W4MOE	228	2	60	1,758	NC
Marshall Cty ARES/RACES W8CAL	356	2	17	1,732	WV
Arlington Communications League KC9IL	326	2	10	1,656	IL
Whitman ARC WA1NPO (+N1SOM)	325	2	22	1,640	EMA
Chehalis Valley ARS WA7UHD	405	2	20	1,620	WW
Kamiak Butte ARA KB7ARA	291	2	50	1,430	EWA
Russell Cty VA ARC WR4RC	504	2	40	1,408	VA
Washington Amateur Communications WA3COM	380	2	26	1,372	WPA
Conyers ARC K1KC	320	2	50	1,352	GA
Sterling Rock Falls ARS W9MEP	298	2	14	1,296	IL
Moultrie Amateur Radio Klub W9BIL	266	2	14	1,270	IL
Schoharie Cty ARA WA2ZVM	235	2	20	1,270	NNY
South Bay ARS KQOM	338	2	12	1,162	SDG
20/9 ARC K8TKA	362	2	26	1,152	OH
5A Commercial Falls ARC, Inc K9RHH	783	2	9	2,868	WI
Plateau ARA WV8T	21	2	30	2,802	WV
Illinois Valley Radio Assn. 637	2	11		2,648	IL
Radio Operators of South Texas W5ROS	741	2	9	2,274	STX
Milledgeville ARC W4PCF	473	2	28	1,882	GA
Milwaukee Radio Amateurs Club W9RH	341	2	18	1,180	WI
LaGrange ARC AB4GA	353	2	20	1,120	GA
Roberson Kopernik RC K2OQ	186	2	12	630	WNY
6A Battery Orange Cty Radio Amateurs W4EZ (+N4PRC)	465	5	21	4,925	NC
ARC of Alameda K6GEM	235	5	15	3,315	EB
6A South Jersey RA K2AA (+W2EA)	3587	2	54	12,412	SNJ
Mike & Key Club K7LED (+K7OV)	4026	2	82	11,516	WW
N4N (+K64UW)	3309	2	25	11,074	GA
Santa Cruz Cty ARC K6BJ	1865	2	47	6,562	SCV
Radio Club of Tacoma W7DK (+W7OS)	1743	2	65	6,494	WW
Phil-Mont Mobile RC W3EM (+W3PSH)	1247	2	30	5,202	EPA
Niagara Peninsula ARC VE3VM (+VA3ROW)	1298	2	25	4,926	ON
Warminster ARC K3DN (+WA3TQJ)	1085	2	36	3,934	EPA
Kendall ARS KB5TX (+KC5OYQ)	863	2	46	3,540	STX
Satellite ARC W6AB	738	2	26	3,250	SB
Scarborough ARC VE3WE	665	2	18	2,996	ON
Westchester Emergency N2SF	834	2	26	2,894	ENY
Sangamon Valley RC W9DUA	716	2	30	2,880	IL
Central MA ARA W1BIM	660	2	6	2,840	WMA
Southwest Iowa ARC K0SWI	528	2	18	2,600	IA
Antietam RA W3CWC	481	2	33	2,370	MDC
Big Bear ARC K6BB	468	2	25	2,234	ORG
Beloit ARC W9BBB	426	2	11	2,000	IL
Stanislaus ARA W6ERE	280	2	37	1,960	SJV
Laughery Valley ARC W9CTT	357	2	16	1,914	IN
Cleveland ARC W4GZX	204	2	16	1,872	TN
Fayette City ARES W4KY	163	2	23	1,852	KY
North Hills Amateur Club W3EXW	231	2	34	1,820	WPA
Chelsea ARC WDBEL	293	2	25	1,740	MI
Northern Kentucky ARC K4CO	369	2	21	1,636	KY
Everglades ARC W4SVI	345	2	40	1,526	SFL
Kimberling ARC K0EI	141	2	15	1,526	MO
Triple A AC3J	334	2	24	1,368	WPA
7A Lake Cty ARA N8BC	3209	2	37	11,154	OH
United Radio Amateur Club K6AA (+W6TOI)	3621	2	40	10,430	LAX
Raleigh ARS W4DW	3062	2	49	9,412	NC
Hamden Cty RA W1NY	1865	2	55	7,072	WMA
Space-Park Employee Assn ARC W6TRW (+WA6EIK)	1911	2	50	6,870	LAX
South Pickering ARC VE3SPC	1235	2	40	5,042	ON
Central NH ARC W1JY (+W1CNH)	1135	2	44	4,932	NH
SARS W6CO (+K06FR)	699	2	17	3,980	EB
Muskegon Area Amateur Radio W8ZHO	864	2	58	3,790	MI
Alexandria RC W4HFH	570	2	15	3,338	VA
Cherryland ARC W8TCM	2094	1	33	3,216	MI
North Fulton ARL NF4GA (+KB4KAY)	977	1	20	3,010	GA
Turlock ARC W6BXN	684	2	8	2,744	SJV
Associated Radio Amateurs of Long Beach W6RO	724	2	11	2,698	LAX
Mobile Sixers/Marple Newtown/Del W3AWA	437	2	51	2,514	EPA
Poinsettia ARC WA6BMH	394	2	11	2,300	SB
KE4RX	382	2	12	2,104	TN
Calaveras ARS WA6YGA	243	2	34	1,662	SJV
7A Commercial Ripley Cty Repeater Assn NX9E	382	2	28	1,544	IN



ARRL Southwestern Division Vice Director NZ6T (left) and Director W6XD (right) flank ARRL Vice President WA6WZO while visiting sites around the division.

8A Battery Alameda City RC N6DDO	553	5	30	5,015	EB
Delta ARS VE7SUN	425	5	24	4,645	BC
8A Kalamazoo ARC / SMART W8VY (+K8KZO)	1398	2	50	5,888	MI
Cuyahoga ARS N08A	909	2	25	4,488	OH
Mississauga ARC VE3MIS	1085	2	26	4,442	ON
Warren ARA W8VTD (+W8SHR)	837	2	30	4,262	OH
Gwinnett ARS W4GR	893	2	30	3,888	GA
Mahoning Valley ARA W8QLY (+KF8OG)	646	2	31	3,260	OH
Palmetto/Columbia ARC W4MN	339	2	50	1,990	SC
9A Wheaton Community Radio Amateurs W9CCU (+N9HDW)	2126	2	66	7,606	IL
Gloucester Cty ARC W2MMD	1763	2	26	7,588	SNJ
Utica Shelby Emergency Com Assn K8UO (+K8BCPT)	1321	2	45	5,582	MI
10A Ventura Cty ARS N6R	771	2	74	3,894	SB
Crawford Cty ARC W8BAE	1192	2	66	3,764	OH
Clark Cty ARC W7AIA (+AC7NA)	375	2	51	2,766	WW
11A Battery Conejo Valley ARC AA6CV	987	5	35	9,300	SB
11A Carroll Cty ARC K3PZN (+AK3Z)	1854	2	47	7,752	MDC
Findlay RC W8FT (+N8ET)	1087	2	28	5,110	OH
12A West Valley ARA W6PIY	1643	2	34	7,148	SCV
10-70 Repeater Assn N2SE (+K2DBK)	1293	2	11	6,768	NNJ
14A El Dorado Cty ARC AG6AU	1227	2	37	4,956	SV
15A Nashua Area RC N1FD (+AK1K)	3030	2	50	10,606	NH
17A Woodbridge Wireless W4IY (+W4ZY)	5922	2	73	20,272	VA
51A Potomac Valley RC & Columbia ARA W3AO (+K3EF)	7754	2	60	27,834	MDC
1B-1 Op Battery K0MF	577	5	1	6,070	CO
W7QC	545	5	1	5,850	ID
K5WNH	413	5	1	4,230	NTX
W3TS	389	5	1	4,190	EPA
K5AAR	397	5	1	4,070	OK
N25A	340	5	1	3,600	STX
KB4PPE	267	5	1	2,970	SC
K7EN	249	5	1	2,790	UT
AA5CK	254	5	1	2,740	OK
WB8RTJ	257	5	1	2,670	OH
WUJO	245	5	1	2,650	CO
N2EY	218	5	1	2,480	EPA
W3CB	175	5	1	2,450	MDC
W2AGN	217	5	1	2,360	SNJ
K7IA	189	5	1	2,290	NM
N6VZ	205	5	1	2,250	OR
KE0G	204	5	1	2,140	MN
AB2AN	180	5	1	2,100	NNJ
KD6RDO	178	5	1	2,080	SB
N7CEE	184	5	1	2,040	AZ
K5SI	190	5	1	2,000	STX
W7XT	189	5	1	1,875	MT
W2UX	170	5	1	1,800	SC
W8REI	157	5	1	1,770	MI
K10I	156	5	1	1,760	NE
AA3S	149	5	1	1,590	MDC
W4DEP	167	5	1	1,535	KY
KD2HE	126	5	1	1,360	NLI
AA9DH	124	5	1	1,340	IL
K4JSI	118	5	1	1,280	MDC
VE3WZ	113	5	1	1,225	ON
WOCZ	100	5	1	1,200	ND
NK0E	100	5	1	1,100	CO
N0FPE	99	5	1	1,045	MO
NS1W	69	5	1	990	NH
K2KGJ	78	5	1	980	ENY
K5HPF	72	5	1	920	STX
VE3CG	71	5	1	910	ON
WB6QZK	57	5	1	885	LAX
N8KLX	78	5	1	880	MI
K3TW	52	5	1	815	MDC
W6DBX	80	5	1	785	SCV
WA6ARA	56	5	1	710	AZ
KE3HG	55	5	1	685	EPA
W9ASTI	93	5	1		

05T₂

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