



School Club Roundup

2013-2014 Results

By Lew Malchick, N2RQ (n2rq@arrl.net)

The joy, wonder, and magic of ham radio is alive and well. — WD1W

The good conditions of the 2013-2014 School Club Roundup's first session on October 21-25 brought out quite a few more operators, just as they did for most ham radio events! As for many other activities throughout the country, however, the snow and ice storms during the February 10-14 session made operating a lot more challenging. Nevertheless, the Roundup rules!

October Session

Entries from October were up from 48 to 54 with QSOs increasing from about 7600 to more than 8200. The number of operators went up more than 20% from 410 to 551, averaging more than 10 per entry with 90 operators at K4WBM, the William Byrd Middle School club. KB3BRT at Cowansque Valley School repeated a leading performance in the Elementary School category. The Middle School category was again led by KF5CRF (Viking Radio Club, Eisenhower Middle School) with a 50-state sweep and more than a 50% increase in school contacts. K9SOU (Bloomington High School South ARC) increased their previous score by 68% to lead the Senior High School group. University of Florida club W4DFU repeated as leader in the College/University category. Retired teacher Marvin, N4NY, repeated as the Individual top score with 43 school contacts.

February Session

In February 2014, entries were greatly impacted by the severe winter weather with many schools reporting closings or reduced hours. Total entries were down by three from 70 last year and QSOs were down almost 800 to 10,088. The number of operators increased to more than 930 thanks to 300 reported by W3NCS (North Clarion County Elementary School ARC). KD8NOM (Dresden Elementary Amateur Radio Station), W3NCS and KB3BRT continued to lead the Elementary School category. The top four schools in the Middle/Intermediate category were K5LMS (Lampasas Middle School Youth ARC), KF5CRF, K7BZN (Chief Joseph Middle School), and K4WBM. K5LMS and KF5CRF swapped places from the previous February

Stations in the High School category were led by K1BBS, the Burr and Burton Amateur Radio Club. All four leading stations repeated from February 2013, with

three of the four increasing their scores. The College/University category had a new leader (W9NAA, Rose Tech Radio Club) and many new entries.

Non-school clubs also surged from one to four entries. We always like to recognize and thank all who sent in very small scores — thank you! There were 17 out of 118 with fewer than 10 QSO's.



Shemaiah, age 12, is in the 7th grade and is always ready to get on the air and call CQ or look up stations on the Internet. Shemaiah became interested in Amateur Radio in art class and is now one of the strongest operators at KF5CRF, the Viking Radio Club at Eisenhower Middle School in Lawton, OK. (Photo submitted by KF5CRF)

Improved Reporting

After a most challenging 2012-2013, the School Club Roundup has experienced significant changes in support. Bruce Horn, WA7BNM, has provided an online reporting utility at www.b4h.net/arrlscr so that entries and comments can be uploaded and posted or corrected immediately. Thank you, Bruce!

As soon as the log submission deadline passes, the Claimed Scores are made available and log review begins by the sponsor, Long Island Mobile Amateur Radio Club (LIMARC). Scores are updated to "Final" status and published on the website soon afterward — watch the *ARRL News* and *ARRL Contest Update* for the announcement! The tables of scores are also repeated at the end this writeup, following the Soapbox comments.

New Log Submission Deadlines

In order to quickly publish final results, the log submission deadline is changing to 15 days. For the October session (Oct 20-24), entries must be postmarked, emailed or uploaded not later than November 8. The

February session (Feb 9-13) log deadline is February 28th.

In order to help process results quickly, be sure your log is in the proper Cabrillo format. A list of logging programs that produce the correct format and a sample log are provided on the ARRL's School Club Roundup web page at www.arrl.org/school-club-roundup.



Mr. Case (KU5C) with Codi and Alexis; these two 6th graders made about half of the K5LMS (Lampasas Middle School Youth ARC in Lampasas, TX) contacts and were in and out of the station all week whenever they got a chance. (Photo submitted by K5LMS)

Maintaining a Club

While there has been good participation from some schools year after year, there is a persistent problem to deal with for not only the SCR, but school-based Amateur Radio activities overall. What happens when a teacher or club advisor leaves? Too often it means the end of the school club. We can recount numerous cases.

At an ARRL Centennial Convention youth forum Carole Perry, WB2MGP, described her experience after teaching ham radio for 30 years. She encouraged two teachers at her school to get licenses and to continue her program. After she retired, they did not continue. There are a number of teachers/mentors we have known for years who are nearing retirement. We need to find ways to keep their successful programs going. If you have ideas about what it will take, share them with us.

School Club Roundup – 2014/2015

During the 2014-2015 school year, the School Club Roundup sessions will be held on the third full school week of October and the second full school week of February. Those dates are Monday, October 20 at 1300Z through Friday, October 24 at 2359Z and February 9-13, 2015. While we can't do much about the solar cycle or weather patterns, you can start making your students

2013-2014 School Club Roundup – Full Results

aware of and ready for the SCR! They may also be interested in other winter contests that are easy for students to participate in and enjoy: ARRL November Sweepstakes Phone (15-17), the ARRL 10 Meter Contest (Dec 13-14), and the SSB edition of the North American QSO Party (Jan 17-18). These are great ways to foster student interest — see you on the air!

Soapbox Comments and Photos

See the School Club Roundup online results at www.b4h.net/arrrlscr for more information about each entrant. You can find more pictures online at www.arrl.org/soapbox - select the contest you want and click SUBMIT.

“The joy, wonder, and magic of ham radio is alive and well. You can see it in the faces of my students. It's amazing to watch their expressions as they respond to the human voice ... a bit of a novelty since they have spent their lives communicating through text. No offense to those who enjoy the digital modes (That's what is so great about ham radio – there is something (and room) for everybody.), but trying to sell ham radio to teenagers with the digital modes puts them to sleep. Put a microphone in their hands and radio comes alive. This is more fun than anyone outside of ham radio could ever know. Not even a day and a half of snow days took us off the air ... couldn't give up 10 hours of operating time just because we had no school. With parental permission, of course, we got enough students to school to keep K1BBS running. As we trudged through the snow (coming horizontally) to adjust the antenna support system, one student exclaimed ... "ham radio is an adventure!"...that it is. Thanks to all who participated in and supported this event. As they say, see you down the log.” — WD1W

ACØHS, the newly established Ankeny Centennial High School ARC, used a 56-inch whip for its first entry in October and a temporary dipole in February. “We'll have an antenna on the roof if it ever stops snowing.”

“This was a rebuilding year for K5LBJ. Our new Club President, Jacob, KF5UVN, had a breakout contest using CW. Running 20 wpm using Morse code, he contacted 41 countries during the SCR. Although the Club didn't have enough people to use up all of the time or run up the contact count, this year was historic for us; a young man worked dozens of people using Morse code! Great to keep the heritage of CW and Amateur Radio alive.” — 73, KC5EES (Trustee for K5LBJ)

“A very successful operation at LSU. We had three licensed operators as well as two participants who are new to ham radio and quite interested in getting licensed.

We also had 3 more students stop by to observe.” — K5LSU

“We had a lot of fun operating this semester. We didn't get as much air time as we had hoped, but we were able to have a lot of fun. Thanks and 73's de K5UTD”

“What a great week. Our student operators met many wonderful hams who took time to visit and encourage the young future hams. Thanks to the amateur community for another wonderful radio experience for our club.” — Bruce, K3LTM, Advisor of KB3BRT

“Although we had a limited amount of time to work this contest, we had fun and practiced basic contest QSO format. Looking forward to a big February 2014 SCR! Watch out for the mighty DEARS!!” – KD8NOM

“This contest found me finally stringing up a 10 meter inverted vee to take advantage of any 10 meter openings. I did work N7ERU at Embry Riddle University on 10, but it seems a lot more school stations could have taken advantage of the 10 meter openings...I did enjoy working the Roundup, and I sure did meet a lot of interesting students, and I believe ham radio was introduced to a lot of students who may potentially become amateur radio operators. It was great to see so many teachers, and volunteers that turned out to give many students a chance to become familiar with amateur radio. I know a lot of students operated during their lunch break, before school, and after school when they could have been doing other things so congratulations to them. I continue to be amazed at how many schools turn up during the SCR all the way from elementary schools to college universities.” — Marvin, N4NY

“It was cool to see our kid's faces light up when they made a contact.” — N7POR

“This was one of our best years, largely due to excellent 10-meter and 15-meter propagation to and from Europe. We had a few students in the shack as observers. School was closed Friday due to a power outage. Thanks to Lew, Dave, and all who support this event!” — ND8GA, KG8DN Station Trustee

“The kids were new to radiosport and were taken by surprise when a mini pileup occurred. Others enjoyed long QSOs with folks and not so much just making contacts. My 7th graders are more keen on 'speed dating' DX stations as this allows for radio contacts in a very short class time schedule. So there was a good mix of activity, however the highlight was PSK31 contact with South Africa (at) 25 watts and the antenna pointed 90

degrees in the wrong direction. Gotta love a hex beam, hihi, fun for all great time on the radio. 73s!” — NQ9P

“2013 was our first year as an amateur radio club and our first school club roundup. Following a very successful ARISS contact in September the SCR was a great opportunity to continue to promote amateur radio. We had tremendous support from all our school leaders. More than 150 students participated (some as observers and some as operators). The overall enthusiasm and response was amazing! Our local community radio club, the North Fulton Amateur Radio League, provided coaches and control operators for each day. By every measure it was an outstanding success for our students and our school.” Martha Muir, W4MSA, at the Mill Springs Academy produced a button for each operator that says “I got on the air.”

“The highlight was being able to see my 1st grade daughter, Sophie, make her first voice QSO!” — W9GRS

“Brand new school club... This really got their attention! Thanks.” — WB4CHS

“We decided to take up the torch and operate in place of the local school station (W9GRS) that was QRT due to weather related rescheduling of other school events. It was a great opportunity for our club members to operate and experience how other school stations operate during SCR. It also helped our club members come together and see how they can better help our local school station in the future.” — AD9L

“The school closed at noon on Wednesday because of an incoming snow storm. That ended School Club Roundup for K4WBM for the rest of the week. We are pleased that we put 74 kids on the air in that short period and most made a contact.” — K4WBM

“In just a few months, K5LBJ will celebrate its 10th anniversary. Throughout that time, School Club Roundup has always been the student's favorite activity. This year, club members were excited to top their all-time total points with 191,844. And, they did so without ever turning the amp on, so just 100 watts out. Fantastic to have so many new schools joining in the fun. We hope you are beginning a long, successful school program. 73.” — KC5EES, Trustee of K5LBJ

“I enjoy working the SCR each year. I Elmer at Chesapeake Center for Science and Technology but this is the first year I submitted an individual log. I had a great time.” — KJ4YKG

“We had fun. This was our first SCR and the inaugural event for our amateur radio club...73!” — KK4WXX

“I was surprised to find the schools mainly operating on 20m while 10m & 15m were still wide open. It's great to see the enthusiasm in the students that ranged from elementary school age through college. Being the prize in a pileup can be very hectic but the ops did a great job. Hope to catch you all again next roundup!” — N2PPL

“This was a very good learning experience for our new budding want to be hams here in Floyd. It also brought out where we need to concentrate our training and skills. All in all with 7 kids and 6 Elmers and 2 and a half days of school I'm please with the way the kids worked. And how they wanted to learn. We are going to need a second station next year though, but that's going to be difficult for us. Thanks for a wonderful learning opportunity for our children and also for the fun the Elmer's have seeing the light bulb go on when something finally clicks!” — N4FCH

“Only able to operate 2.75 hrs after school on Mon. Historic ice storm hit on Tuesday, devastating the local power grid and canceling school for the remainder of the week.” — N4SMS

“This is a great activity for our students to get hands on experience. They look forward to it all year. It's a good way to attract new people into ham radio. Keep up the good work. 73.” — N5CHS

“We had great fun, and worked a record number of states, provinces and schools this time, thanks to good propagation on 10m.” — ON4HTI

“It was great to get back on with a "real" antenna.” — W2CXN

“We only operated a few hours but were glad to hand out multipliers with our club call. Our university Amateur Radio Club was originally licensed in 1912.” — W5AC

“Wx prevented putting up a better antenna. 100 watts to a vertical on 20 meters provided the majority of contacts. Fun contest! The club station is in a room right off the library. Lots of teachers were checking the station out. They were surprised at the country contacts made.” — WA8CMS

“Snow/Ice Storm hit our area during the SCR, shutting down the school and the area. Several of the club advisors operated from their own home stations on Tuesday and Wednesday and one operator operated from the school station on Thursday.” — WB4CHS

“Ice storm the week before SCR. Major snow storm during SCR. Then Valentine's Day limited operations. Had fun...Looking forward to the Fall SCR.” — WM3PEN

School Club Roundup - October 2013 Results

QSOs (Contacts)

Category: Elementary/Primary School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
KB3BRT	Cowaneseque Valley School ARC	PA	31,080	0	185	30	2	24	1	22
N7POR	Rau Elementary School	MT	13,800	51	18	28	1	6	0	16
KD8NOM	DEARS / Dresden Elementary Amateur Radio Station	OH	578	0	17	8	0	0	3	4
W1CLA	Dexter Southfield	MA	117	0	9	6	1	1	0	1
KG4DTM	Washington District Elementary School	VA	36	0	4	1	1	2	0	1

Category: Middle/Intermed/JR High School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
KF5CRF	Viking Radio Club, Eisenhower Middle School	OK	213,556	0	812	50	8	24	3	35
K5LMS	Lampasas Middle School Youth ARC	TX	64,818	43	191	40	2	15	1	35
N4SMS	SCHOFIELD MIDDLE SCHOOL RADIO CLUB	SC	63,690	0	330	36	5	21	3	25
W9GRS	Glenn Raymond School Science Club	IL	36,456	58	52	30	3	33	3	29
K4DMS	DuBose Middle School	SC	30,070	0	194	31	3	13	4	20
NQ9P	PANA SCHOOLS ARC	IL	19,800	10	100	30	3	19	4	21
K4WBM	William Byrd Middle School Amateur Radio Club	VA	19,549	21	131	30	3	12	4	12
W4MSA	Mill Springs Academy Amateur Radio Group	GA	7,055	0	85	25	1	5	1	10
KB4SA	Pinewood Christian Academy	FL	6,955	5	55	26	1	10	0	14
W4LMS	Rambler Radio Club	GA	4,697	0	61	20	1	11	0	9
KBØKRT	Cleveland middle school	OK	1,430	0	22	13	0	2	0	10

Category: Senior High School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
K9SOU	Bloomington High School South ARC	IN	194,142	7	727	49	8	20	10	33
K5LBJ	LBJ High School Amateur Radio Club	TX	90,171	85	217	44	4	41	2	28
WB4HS	William Byrd HS	VA	85,806	122	210	39	1	33	8	20
WB4CHS	JPII Falcons ARC	AL	47,280	0	240	39	4	16	4	26
ND8GA	Gilmour Academy ARC	OH	19,200	34	82	31	1	23	4	13
WA8CHS	COPLEY HIGH SCHOOL	OH	9,072	0	81	26	2	2	1	16
W4FOS	W4FOS High School Amateur Radio Club	VA	4,944	3	42	20	1	4	4	14
WD5IAD	St. Stanislaus High School Amateur Radio Club	MS	1,150	0	25	11	0	0	0	7
W2CXN	Brooklyn Technical High School Amateur Radio and Wireless Technology Club	NY	328	0	8	6	0	0	0	7
ACØHS	Ankeny Centennial High School ARC	IA	224	0	7	7	0	0	0	5

Category: College/University - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
W4DFU	University of Florida	FL	260,640	0	905	47	5	36	5	38
K5UTD	University of Texas at Dallas ARC	TX	99,946	16	381	43	6	26	6	31
W9JWC	Bradley University Amateur Radio Club	IL	66,339	5	341	47	5	6	3	25
KB3CVD	University of Maryland Baltimore County	MD	48,960	54	164	44	2	31	4	19
N7ERU	Embry Riddle Aeronautical University	AZ	46,460	40	380	30	4	30	1	7
W1KBN	Northeastern University	MA	37,995	0	255	37	4	6	1	20
K5LSU	Amateur Radio Society at Louisiana State University	LA	31,878	53	92	33	1	23	2	20
W8SH	Michigan State University ARC	MI	23,769	0	171	30	2	2	0	21
W9YT	Badger Amateur Radio Society	WI	17,664	0	96	30	0	16	4	26
WD4EOG	Clemson University	SC	16,965	22	73	37	1	10	1	19
K4PCC	Pitt Community College Amateur Radio Club	NC	15,372	10	102	27	1	9	2	17
W7U	Willamette University Amateur Radio Group	OR	13,064	4	134	38	1	0	4	9
KØESU	Emporia State University Amateur Radio Club	KS	11,433	0	111	31	0	3	2	13
W1YK	Worcester Polytechnic Institute Wireless Association	MA	3,599	0	61	19	2	21	1	3
K4KDJ	Virginia Tech	VA	1,617	8	17	11	1	7	0	6
W6BHZ	Cal Poly Amateur Radio Club	CA	432	0	16	4	1	9	4	1

Category: College/University - DX

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
ON4HTI	STARCom	DX	28,800	119	62	27	3	35	3	5

Category: Club/Multi-Op - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
WM3PEN	Holmesburg Amateur Radio Club	PA	704	0	11	9	0	0	0	11

Category: Individual - W/VE

Call Used	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
N4NY	SC	16,860	0	60	26	2	4	17	43
AD8B	OK	10,050	7	36	21	0	0	0	36
WBØIWG	ND	2,478	0	21	17	0	1	0	20
K3TW	FL	580	0	10	8	0	0	0	10
N8DKA	MI	486	0	9	9	0	0	0	9
N2RQ	NY	324	0	9	5	0	2	2	5
N2PPL	NY	294	0	7	7	0	0	0	7
NR8U	OH	280	0	7	5	0	0	0	7
KC5CY	OK	145	0	5	4	0	0	0	5
AI9IN	IN	12	1	0	1	0	0	0	1

School Club Roundup - February 2014 Results

QSOs (Contacts)

Category: Elementary/Primary School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
KD8NOM	DEARS / Dresden Elementary Amateur Radio Station	OH	61,773	16	317	44	6	1	8	22
W3NCS	North Clarion County Elementary School ARC	PA	53,010	0	285	44	6	14	6	22
KB3BRT	Cowanessque Valley School ARC, Westfield Area Elm School	PA	15,680	0	112	31	4	10	5	17
KB4SA	Pinewood Christian Academy	FL	9,328	0	88	28	0	6	1	14
N7H	Lilium Lujan Hickey Elementary	NV	350	0	14	7	0	1	1	3

Category: Middle/Intermed/JR High School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
K5LMS	Lampasas Middle School Youth ARC	TX	220,458	0	609	50	6	14	16	52
KF5CRF	Viking Radio Club/Eisenhower Middle School	OK	197,682	0	701	48	7	10	11	39
K7BZN	Chief Joseph Middle School	MT	110,448	0	531	47	7	26	9	22
K4WBM	William Byrd Middle School Amateur Radio Club	VA	36,654	68	110	34	2	23	10	14
KC5KBO	League City Intermediate	TX	31,992	0	186	42	4	13	4	21
WA8CMS	COPLEY-FAIRLAWN MIDDLE SCHOOL	OH	14,762	0	121	34	5	6	1	15
K4DMS	K4DMS - DuBose Middle School Radio Club	SC	13,225	0	115	29	3	2	3	15
N4SMS	Schofield Middle School	SC	11,466	0	117	30	1	2	0	13
KC2ILA	Central Square Middle School	NY	4,144	0	37	18	0	5	2	17
NØGFK	South Middle School Ham Club	ND	528	0	16	13	0	0	0	4
KDØYQE	BANNING LEWIS RANCH ACADEMY RADIO CLUB	CO	17	0	17	1	0	0	0	0

Category: Senior High School - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
K1BBS	Burr and Burton Amateur Radio Club	VT	237,084	0	859	44	8	45	12	31
K5LBJ	LBJ High School Amateur Radio Club	TX	191,844	39	579	46	6	36	12	36
K9SOU	Bloomington High School South Amateur Radio Club	IN	132,719	0	629	47	7	15	6	26
N5CHS	Catholic High School Amateur Radio Club	AR	65,246	9	305	43	3	2	7	28
N4HVH	HVHS HAM RADO CLUB	VA	46,656	99	90	30	3	26	14	15
WB4CHS	JPII FAlcons Amateur Radio Club	AL	32,204	4	158	41	2	9	6	26
ND8GA	Gilmour Academy ARC	OH	28,336	0	176	38	2	17	7	18
KK4WXX	Spotsylvania High School Amateur Radio Club	VA	12,816	2	85	24	2	22	8	16
ACØHS	Ankeny Centennial High School ARC	IA	4,752	0	48	19	3	0	1	15
W2CXN	Brooklyn Technical HS Amateur Radio and Wireless Technology Club	NY	4,235	0	55	19	0	3	5	9
KC2AIF	Pioneer High School ARC	NY	4,032	0	56	25	1	3	9	5
W4FOS	Chesapeake Center for Science and Technology	VA	3,300	0	44	20	1	0	7	8
KDØQLW	St Charles High Radio Club	MO	3,237	2	35	19	0	0	2	12
N4FCH	Floyd County High School ARC	VA	2,257	0	37	17	0	5	2	7
NT1CS	New Testament Knights ARC	MA	612	0	12	9	0	0	6	6

Category: College/University - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
W9NAA	Rose Tech Radio Club	IN	132,435	113	319	43	4	26	10	30
KB3CVD	University of Maryland Baltimore County	MD	108,528	45	386	45	5	17	8	29
W8SH	Michigan State University ARC	MI	53,289	0	279	37	3	6	5	27
N7ERU	Embry-Riddle Aeronautical University	AZ	45,954	56	221	35	5	17	8	13
W9JWC	Bradley University Amateur Radio Club	IL	37,674	0	207	46	3	0	4	25
K5LSU	Amateur Radio Society at La. State University	LA	35,904	39	98	36	0	11	6	29
W9YT	Badger Amateur Radio Society/University of Wisconsin-Madison	WI	25,628	2	145	28	3	23	14	18
WØEEE	Missouri S&T ARC	MO	14,883	0	123	35	4	2	0	16
W6BHZ	Cal Poly Amateur Radio Club	CA	12,810	0	105	33	3	5	3	15
WD4EOG	Clemson University Amateur Radio Club	SC	11,102	23	45	24	1	5	1	18
W6BB	University of California, Berkeley	CA	10,472	0	119	30	3	3	6	8
W5AC	Texas A&M University Amateur Radio Club	TX	9,306	1	97	33	2	1	4	10
W7YH	Washington State University Amateur Radio Club	WA	4,473	0	71	30	2	1	0	6
W5YM	Amateur Radio Club of the U. of Arkansas	AR	2,394	0	21	12	0	0	1	20
K4KDJ	Virginia Polytechnic Institute and State University	VA	1,219	0	23	12	5	4	1	6
W7OSU	Oregon State University ARC	OR	1,159	0	19	10	1	3	1	9
W8GVU	Grand Valley State University ARC	MI	1,147	0	31	17	0	0	0	4
W5UNT	Texas Academy of Mathematics and Science ARC	TX	125	0	5	5	0	0	0	4
W1YK	WORCESTER POLYTECHNIC INSTITUTE WIRELESS ASSOCIATION	MA	30	0	3	2	0	1	1	1

Category: College/University - DX

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
ON4HTI	STARCom/Vives	DX	46,041	57	195	39	6	29	10	11

Category: Club/Multi-Op - W/VE

Call Used	School/Club	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
W5KS	Lawton Fort Sill ARC	OK	16,445	0	143	33	2	2	4	14
AD9L	Iroquois County Amateur Radio Club	IL	11,988	22	30	26	0	9	6	23
WM3PEN	Holmesburg Amateur Radio Club	PA	273	0	7	4	0	0	0	7
WE8DX	Central Ohio Contest Association	OH	96	0	4	4	0	0	0	4

Category: Individual - W/VE

<i>Call</i>	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
N4NY	SC	23,240	0	70	31	1	4	18	52
AD8B	OK	5,084	1	29	19	0	0	0	29
WB4ORN	FL	3,842	0	34	21	0	4	9	14
W9KVR	IL	2,256	6	12	14	0	1	2	15
KJ4YKG	VA	2,247	0	21	14	0	0	4	17
N2RQ	NY	1,564	0	23	12	0	5	3	9
AJØCM	MN	1,472	0	16	12	0	0	0	16
N7UJJ	AZ	1,050	0	15	7	0	3	0	12
N2PPL	NY	682	0	11	7	0	0	0	11
NØKOE	NC	384	0	8	8	0	0	0	8
KD4QMY	GA	96	0	4	4	0	0	0	4

Category: Individual - DX

<i>Call</i>	QTH	Score	CW/RTTY/Dig	Phone	US	VE	DX	Clubs	Schools
SA5CFD	DX	6	0	1	1	0	0	0	1