

The fifty-seventh CW Sprint was held on September 11 UTC—a very memorable date in our recent history. We received logs from 174 stations, but our records indicate that 303 stations participated—each making at least two QSOs with stations that submitted logs. While the maximum number of multipliers worked was 49, it appears that at least 55 multipliers were active.

Working multipliers is certainly a hit or miss situation. It takes a certain amount of luck and *je ne sais quoi* to pull off a top multiplier. For an example, K9PG flew down the NP4Z's station for this contest and made 248 QSOs. After the contest, Paul commented that he never heard N6TR—who made 369 QSOs. The fact that these two gentlemen never crossed paths is a testament to the general chaos that the CW Sprint generates for its four-hour duration.

Conditions for the September event are always interesting. In general, the East Coast stations are a bit happier in September because 20 meters tends to stay open longer. The West Coast stations have a hard time QSYing to 40 meters when it is still light outside and always dread having to go to 80 meters where the summer QRN is typically still a factor. The September event seems to have winners spread around the country. Recent winners include N9RV, W4AN, N6TR, K1TO, NN1N at K4VX, K5GA and then of course the string of victories by N5TJ. The northeast has had several showings in the top few scores—with K5ZD, N2NT and K1KI often being in the running.

This year, the northeast got the short end of the conditions. While N2NT and N9RV got off to a blazing start, they were not able to maintain their rates going into the second hour and both missed the Top Ten. Out West, stations like N2IC and N6TR got off to a slow start, but found conditions improving for them as the contest went on and finished strong. This left the stations in Texas with the best of both worlds: a strong start and strong enough finish to put many of them into the Top Ten listing, along with the winning score in the high power and QRP categories.

QRP Category

Eight logs were submitted in the QRP category. Dale Martin, KG5U, added another QRP victory to his resume with a strong score over the rest of the pack. Gary, N0SXX, stayed in the chair the whole four hours and made 110 QSOs to come in second. N6WG came in third, over the first time effort from NA4BW.

Contest Mobile!

One of the previous winners of the September CW Sprint decided to try working the contest during the drive home from the Melbourne Hamfest. It seems that this event often conflicts with the September Sprint and has prevented him from doing both. Here is Dan, K1TO's, story.

The September CW Sprint is held the Saturday evening of the Melbourne Hamfest, a traditional Florida Contest Group gathering spot every year (except last year when one of those huge named storms caused a cancellation). A few times, I've made the 3-plus hour trip each way in the same day followed by the Sprint from home, but in recent years, I've not managed to operate at all in September. This time, George, K5KG, offered to drive and "watch," steadfastly refusing to share the operating, so off we went on our way home to the Sarasota area.

Recalling the fine effort that George and Jim, VE7ZO, posted in the FQP 2004, I figured that George's mobile set-up got out well—and it did. Sure, it wasn't like being at home with Yagis and full power, but the IC-706 and Screwdriver worked surprisingly well. No SO2R capability here, of course, so I started on 20 (which was its typical self—no W4s to work, but everything else was fair game). Finishing the first log page—actually the back of a printed *PowerPoint* presentation—of 27 Qs at 0019Z was very encouraging! With 80 an hour, 300 might be possible! Uh-huh...

Immediately afterward, I was beat out repeatedly and put only one Q in the log in the next 3 minutes, which quickly grounded me in reality. The half-hour ended with 39 in the log. Signals steadily weakened as propagation slowly disappeared. Mark, N5OT, gets the prize for being the most patient as he finally pulled my number through the fading, after which the hour ends with #73. At 0106Z we arrived at Joe, W4SAA's place and dropped him off. After our farewells, I was back on and, except for N2RM, only worked western stations—slowly.

Time for a quick change to 40 meters! George pulled over for a 3-minute band change in the dark. Signals on 40 were generally louder and the '706 struggled with its filter blow-by. I'm pleased that the CA boys were hearing us well on 40. This is a heavily contested period, with multiple callers after most doublets, but we hung in there and beat some folks out. More repeats were needed with loud adjacent signals leaking in.

Thirty-seven Qs went in the log in the first 30 minutes on 40, but the rate slowed. I realized that the antenna was no longer tuned properly and we spent 5 minutes trying to get it resonant again. Those efforts turned the rate from "blah" to "good" again as Trey, N5KO, entered the log. N6TR checked in with a huge number relative to that on 20. Sure enough, he later reported an unusually slow start, then Rate Acceleration Time. At 0230Z, there were 157 Qs in the log, even with 15 minutes off. Soon afterward, it was obvious that the sheep were flocking to 80 right on schedule, as only 11 Qs were made in the next 16 minutes.

Arriving safely back at my place, I thanked George profusely and my mobile effort was over with 168 (claimed) QSOs. Two of my most pleasant 2005 operating experiences, including this one, have been from a mobile. Vic, N4TO, and I have done the FQP each of the last 4 years and we managed over 3000 CW-only QSOs last April in the 20 FQP hours!

Mobiling in the Sprint is a bit masochistic, especially hand-keying and hand-logging (so you can't really Keep Score), but the rush has me looking forward to the next one. I'd say "see you in February", but that conflicts with the Orlando hamfest. Hey, George, I got an idea...

Operating your first ever Sprint in the QRP category sure takes a lot of courage. W4QO, N0QT, KM3T and VE3RKM finish out the top eight.

Low Power Category

The low power category saw a close finish between two "sevens"—but from different coasts. KM7W, piloted by Chris Hurlbut, KL9A, used a unique QSO number scheme to confuse everyone (including the log checkers), but still ended up beating Larry, K7SV, who operated from his home in Virginia. Chris had trouble in the first hour, but as conditions improved for him, he made up ground. Mel, KJ9C, finished third ahead of a pack of four scores which included sprint founder W6OAT, W4OC, VE3DZ and K9PG at NP4Z. AA5B, N9CK and KU8E/4 finish out the competitive Top Ten. K1HT, who typically shows up near the top of this list, was done in by the bad conditions. He was edged out by N6PN at 12th place and WW2Y at 11th place. N6PN has a special place in my heart—he was on the other end of the radio when I made my first ever QSO in ham radio—almost 40 years ago now. One of the great things about ham radio is keeping tabs on people you have known nearly all your life.

High Power

There were two distinct rate profiles for the scores making it into the Top Ten. Some stations got off to a fast start, hanging onto their good rate in the second hour, but had a horrible time in the 3rd hour. They recovered enough in the 4th hour to hang onto a spot in the Top Ten. Other stations seemed to be able to string together 4 consecutive hours of good rate and catch up with the other stations during that critical 3rd hour. Take a look at the hourly rates in the Top Ten box to see this.

After the contest was over, four stations had scores within a few QSOs of each other. Dave McCarty, K5GN, produced an almost error-free log and stayed ahead of N5RZ (at K5TR), N6TR/7 and N2IC/5. Steve, N2IC, had a golden log, an impressive accomplishment with 350 QSOs. Steve was limited to one radio due to a lightning strike the week before the contest. Perhaps being able to focus on one radio helped him get that golden log. In fifth place was Dan, N6MJ, operating at the W6YI superstation. Dan has made the move from low power to high power without missing a beat. Howie, N4AF, makes his second Top Ten showing—the first being with his old K4PQL call ten years ago. Next comes Jim George, N3BB/5, whose participation in the NCCC practice Sprints paid off with his first ever Top Ten showing. Rumor also has it that he spent an hour on the phone with his Ssprint mentor just before the contest. K5GA, N6ZZ/5 and W4PA finish out the Top Ten.

In the ten band change or less box,



Dave, K5GN, smiling after winning the September High Power CW Sprint.

TOP 10

	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K5GN	17591	144	1	105	88	76	90
K5TR	17390	146	4	108	92	81	89
N6TR	17343	96	4	92	91	88	99
N2IC	17150	4	0	91	93	75	91
W6YI	16779	70	6	102	89	79	88
N4AF	15886	2	7	96	85	64	94
N3BB	15651	142	4	98	88	75	72
K5GA	15604	100	3	107	77	79	70
N6ZZ	15533	4	5	82	76	80	80
W4PA	15488	169	7	106	87	81	79

Top 10 One Radio

	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
N2IC	17150	4	0	91	93	75	91
N4AF	15886	2	7	96	85	64	94
N6ZZ	15533	4	5	82	76	80	80
N5OT	14985	2	4	86	93	73	81
W6YX	14688	2	1	82	68	86	70
K6NA	14674	8	2	89	81	70	79
N6AN	14504	8	6	78	79	63	76
K1KI	14335	6	4	89	86	64	66
N6TV	14310	2	4	82	80	75	81
W4EF	13938	2	4	80	71	75	77

Top 10 QSOs

K5TR	370
N6TR	369
K5GN	359
W6YI	357
W4PA	352
N2IC	350
N2NT	344
N9RV	344
N4AF	338
N2NL	337

Top 10 Multipliers

K5GN	49
N2IC	49
N6AN	49
N6ZZ	49
K7NV	48
KJ9C	48
N6RO	48
W6YX	48
Many	47

Top 10 Low Power

KM7W	12604
K7SV	12236
KJ9C	11328
W6OAT	10755
W4OC	10664
VE3DZ	10534
NP4Z	10428
AA5B	10004
N9CK	9963
KU8E	9761

Top 10 QRP

KG5U	6084
N0SXX	3740
N6WG	2212
NA4BW	1764
W4QO	1176
N0QT	455
KM3T	72
VA3RKM	1

Top 10 Band Changes

W9RE	170
W4PA	169
N9RV	151
K5TR	146
K5GN	144
N3BB	142
N2NT	132
AA3B	100
K5GA	100
N2NL	98

some very nice scores from N5OT, W6YX, K6NA, N6AN, K1KI, N6RV and W4EF rise up to join N2IC and N4AF.

Team Competition

The Northern California Contest Club pulled off their third team victory with a comfortable margin over the PVRC/FRC team. Still, we are all very thankful for the efforts by the PVRC/FRC organizers, as Maryland was a perpetual rare multiplier for a long time. The Southern California Contest Team came in third followed by the Society of Midwest Contesters. Overall, 17 teams were registered. If you are interested in helping improve the activity in the contest, sponsoring a team is a proven way to do it.

Golden Logs

N2IC	350
W2RQ	315
AA3B	307
K5OT	292
K4BAI	283
N4ZZ	280
KM7W	274
K9BGL	266
W6EEN	250
N2GC	226
N4CW	100
K8BB	71
N6XI	58
NE6I	47
N0QT	35
K2SX	30
KZ5OM	30
KL7WV	28
N2ZN	7
W1DY	4

Records

Four new records were established this time around. Brian, NA4BW, set a new QRP record for Georgia, beating the record set just last year by K4AQ. Gary, N0SXX, bumped up his QRP Colorado record from February by 500 points. Peter, WW2Y, operated from Nebraska and blew away the six-year-old low power record previously held by KA9FOX. Kyle, WA4PGM, operated from VP9 and established the low power record there.

Next Time

The next *NCJ* CW Sprint will be held on February 12 UTC (Saturday February 11 local time). For team registration, use the *NCJ* web page at www.ncjweb.com. Logs can be submitted via e-mail to cwsprint@kkn.net or using the log submission form on the *NCJ* Web site. Logs are due seven days after the contest.

Check out the web resources at n6tr.jzap.com/sprint.html and rules, records and previous results at the *NCJ* Web page at www.ncjweb.com.

Soapbox

First time using high-power in the sprint. Had a few problems—after 20 minutes, discovered

Team Scores

Northern California Contest Club #1

N6RO	15264
N2NL	15165
W6YX	14688
K6XX	14352
N6TV	14310
K7NV	13056
AE6Y	13019
W6RGG	11421
W6EU	11308
AJ6V	9184

131767

Southern California Contest Club #1

W6YI	16779
K6NA	14674
N6AN	14504
K6LA	14352
W4EF	13938
W6EEN	11750
N6VR	11220
K6NR	10755
K6XT	5565
NE6I	987

114524

Potomac and Frankford Radio Clubs #1

N4AF	15886
N2NT	15136
N2RM	14536
AA3B	14122
W2RQ	13860
K3WW	13570
K7SV	12236
N3AD	10340
W4AU	7372
VP9/WA4PGM	5508

122566

Society Midwest Contesters #1

N9RV	15136
W9RE	13889
K9NW	13596
K0OU	11424
WT9U	10794
NP4Z	10428
N9CK	9963
K9MMS	8694
WI9WI	8588

102512

5. SSC (W4PA, K4RO, K4BAI, W4NZ, W4OC, KU8E, AA4GA, N4GI, AA4LR)	90703
6. YCCC#1 (K1KI, W1WEF, K1DG, N2GC, K5ZD, K1HT, NB1B, W1EBI, WA1Z, W1JQ)	84373
7. Azenmokers (N2IC, N6ZZ, N5OT, K5KA, K5YAA, KY7M, W7YS, K0CIE, N0QT, W0ZW)	83231
8. Austin (N3BB, N4OGW, K5OT, KZ5D, K5WA, AC5AA, KG5U)	74120
9. NCCC#2 (W6OAT, K6LRN, K2KW, N6PN, W7RN, N6ZFO, N6WG, N6XI)	60261
10. MWA (K0AD, N0AT, NA0N, KM0O KT0R, WG0M, KE0L)	42825
11. PVRC/FRC #2 (WW2Y, W3YY, N4ZR, K3MD, K3STX)	40366
12. NCC (K3CR, K2UA, VE3EJ, K8NZ, KL7WV)	37226
13. CCO#1 (VE3DZ, VE3JM, VA3NR, VE3RZ, VE3IAY, N2ZO, VE3RCN)	33659
14. SMC #2 (KJ9C, KA9FOX, K8GU, K9KM, WW9R)	32461
15. Corner (KM7W, K4XU, KI7Y, K7WA, AL1G)	31689
16. NCCC#3 (W6RK, K6OWL, N6EM, W6ZZZ)	9549
17. YCCC#2 (K2SX, KM3T)	582

my garage door was opening and closing when I transmitted on 20m. So I had to drop back to low power. Worked well on 40 meters, though.—AA4LR

First entry in a cw sprint in many years. Used dipoles and vertical on a push up mast. Lots of fun, as always.—AA5B

This was my third Sprint, and it's still a challenge. At least I didn't completely collapse like I did last time an hour into the contest! 40m and 80m were very noisy here—thanks for the patience so many of you had when we were having trouble hearing each other. My peanut whistle vertical on 80m isn't the greatest. Great contest!—AC5AA

Heard but did not work KS. Never heard another MO—K0OU

Just got back from fast trip to WA6BOB's place to pick up some tower sections and arrived home right at the start of the contest. My CW sucked till I had a few 807'S—K0UK

Made a 90-minute appearance. Sheesh, you'd think we were in a sunspot minimum the way the bands sounded.—K1AR

Death in family left only last hour to play but had my best Sprint rate ever.—K1GU

After a decent start on 40, conditions made this a tough contest from the Northeast. Still,

I was happy to work N4CW/1 in ME and to hear a number of new call signs.—K1HT

Tnx to K5KG for the ride!—K1TO/M

First time tried low power...missed at least 50 QSOs that did not come back... 73 John—K3MD

Beat my previous best by a factor of two. Next time I hope to break 200. Thanks to all the great CW ops out there.—K3STX

Time out from relaying Katrina H&W traffic.—K4RO

Signals on all bands tested the dynamic range of the operator, from rock-crushing (e.g., W2RQ) to ESP (inside the long skip on 20). Backscatter improved after 0100, but so many had already gone to 40. All bands were noisy with the tropical wx. Congrats to all who braved the protons.—K5GN

Sorry to all for the bad signal in the first half of the contest. I had to open the K2/100 up and tighten screws on the finals to clean up my spark gap note.—K5WA

Tough conditions, so took some time off to watch Texas vs Ohio State. More people got the name Katrina on the first pass than I had expected. Those who asked for repeats usually just wanted to confirm. Then there were those who couldn't figure it out even with mul-

Guest Ops

K3CR (LZ4AX)
K5OT (at K5NA)
K5TR (N5RZ)
K5XR (W5ASP)
KL7WV (W3YQ)
KM7W (KL9A)
N2NL (at W6NL)
N6PN (at W6JZH)
N8SR (at N8JI)
NN7ZZ (N5LZ)
NP4Z (K9PG)
W1AW/6 (N6AA)
W4EF (at W6VIO)
W6EEN (N6RT)
W6RGG (at AA6G)
W6YI (N6MJ)
W6YX (at W6YX)
W7RN (K5RC)
W8KW (W8UE)

multiple repeats. Makes me wonder if they listen to the news!—K5ZD

GAAAAAK! Flares galore!—K6OWL

Well I had a great time. My low power combined with long wire antenna and advanced decrepitude didn't help but had fun getting there.—K6XT

Conditions weren't quite as bad as I expected they would be! Only mult heard but not worked was NV.W7RN and K7NV were zigging while I was zagging!—K7SV

Tough condx.—K9NW

Real antennas still not installed here at new QTH, so I threw up a trap fan dipole at 30ft an hour before the contest. 20 & 40 were OK considering condx, but it was a dummy load on 80. Poor condx here due to flare, but still a great time. So much fun in 4 short hours!—KA9FOX

Not a good idea to party all afternoon before a sprint—K9JC

Camped in Vermont Saturday night—brought some stuff to play around in the Sprint. Lowest power ever. Lowest antenna ever. Lowest score ever.

Transplanted 80m dipole	\$10.00
Yaesu FT-817 (2.5W out)	\$500.00
36 "AA" batteries (just in case)	\$11.50
No antenna tuner for dipole	\$0.00
Twine for dipole support	\$5.00

Three nip bottles of single malt Scotch	\$10.00
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Trying to work guys in the Sprint	Priceless
Trying to explain to friends why I do this...Impossible!	

QRP with crappy propagation + low dipole

does not make for a really fun time, but it was fun anyway (for some value of fun)!—KM3T

Thanks to K7MM for use of his fine station! It's too bad 20m was REALLY bad this time.—KM7W

Caught this one at the end, but had a good time for 20 minutes. First sprint—definitely see you all next time.—N2ZN

The pinball wizard sent me a copy of his amazing 123 QSO hour from last February. I was hoping my QSO total would increase by studying the master. Well, maybe next year, hi! But my multiplier skill/luck certainly held up. I worked my last multiplier in the final two minutes!—N6AN

Congrats to N2NL for an outstanding job in his first effort from the West Coast.—N6TV

Well, nothing great was achieved, but I did have my best September Sprint score so far. Only 17% down from my best Sprint score ever last February, so fairly pleased. Made 87 Qs and 29 mults this time as condx were much better than I expected. Next year my goal will be to break 100 QSOs in September Sprint. I've already done that in February Sprint. Biggest mistakes were spending too much time CQing and too much time on 80m. CQing doesn't work well for a QRP Sprint station. My 80m dipole is just my 40m dipole, and it's not really adequate. 20m and 40m were my workhorse bands, with nearly equal Qs. I had fun anyway, with my QRP K2 and wire antennas. Sure got some serious score envy though, hearing those 300+ numbers along the way :-) Still have 5 thumbs on each hand when I get excited, and start smashing keys on the laptop. Gotta get a better handle on this :-) See you

all in CQP next month. The Little Station with Attitude—N6WG

Had company; could only spend a few minutes on the air.—N6XI

This was the wrong contest to try SO2R on CW for my first time—my head hurts!—N7VM

This was my second try. The goal was to break 100 Q's. I'm looking forward to Feb. 73's Guy—N7ZG

Some mighty long gaps between QSOs, especially during the last hour. Don't remember a Sprint with so many super weak signals. Gonna take a really good op to have a golden log in this one.—N9RV

Not many replies to CQ so mainly S&P which kinda sucks in Sprints. Still good fun till brain turns to mush. Great to hear all the good ops. Cu in the next one. Tony—VE3RZ

A humbling experience.—W1JQ

Everything went well with single radio, except for amp shutting down around 0310Z. Lost about 8 minutes and my concentration/motivation for a bit afterwards. Great to hear the active LA/MS/AL stations on after hurricane.—W2RQ

DSW-40 at 1.5 watts to 80 meter loop—Y'all have some great receivers!—W4QO

Effort aborted because of computer problems. Thanks for the contacts.—W6ZZZ

The greatest, fastest paced contest of them all!—W9RE

80 almost totally disappeared about 0330, made 3 QSOs in 15 min. When the contest was over took the dog for a walk and the aurora was almost to the zenith at my northern WI QTH.—W19WI

This was my best effort to date. Thanks for all those that slowed down—WW9R

CW Sprint Records—Through September 2005

QTH	Pwr	Date	Call	20	40	80	QSO	Mul	Score	QTH	Pwr	Date	Call	20	40	80	QSO	Mul	Score
CT	H	Sep-2003	K1K1	153	132	84	369	50	18,450	GA	H	Sep-2003	K4AAA (W4AN)	146	170	88	404	54	21,816
CT	L	Sep-1999	NT1N	122	115	43	280	49	13,720	GA	L	Feb-2003	KU8E	42	124	81	247	48	11,856
CT	Q									GA	Q	Sep-2005	NA4BW	15	28	20	63	28	1,764
MA	H	Feb-2003	K5ZD	136	144	85	365	54	19,710	KY	H	Sep-1998	K4LT	82	107	92	281	44	12,364
MA	L	Feb-2003	K1HT	72	106	114	292	50	14,600	KY	L	Feb-2002	K4FXN	103	98	53	254	45	11,430
MA	Q	Sep-2003	NB1B	75	29	3	107	33	3,531	KY	Q								
ME	H	Sep-2004	N4CW	94	81	44	219	44	9,636	NC	H	Sep-2003	N4AF	98	129	115	342	49	16,758
ME	L	Feb-2003	NY1S	37	42	81	160	43	6,880	NC	L	Feb-1995	K7GM	73	101	69	243	45	10,935
ME	Q									NC	Q	Feb-1998	W4WS (N4VHK)	13	23	13	49	24	1,176
NH	H	Feb-2003	K1DG	129	119	83	331	50	16,550	SC	H	Sep-2003	W4OC	108	107	83	298	46	13,708
NH	L	Feb-2002	K1BX	131	76	62	269	47	12,643	SC	L	Sep-2003	W4OC	87	92	116	295	50	14,750
NH	Q	Feb-2003	AB1AV	2	0	0	2	2	4	SC	Q								
RI	H	Feb-2002	K1IG	122	95	93	310	47	14,570	TN	H	Sep-2003	W4PA	134	163	96	393	51	20,043
RI	L	Feb-2004	AJ1M	7	6	0	13	13	169	TN	L	Sep-2003	K4AMC	77	127	66	270	47	12,690
RI	Q									TN	Q								
VT	H	Feb-2004	NT1Y	116	175	47	338	48	16,224	VA	H	Sep-1989	KT3Y	95	122	79	296	48	14,208
VT	L	Sep-1999	W1EAT	38	33	33	104	35	3,640	VA	L	Feb-2003	K7SV	84	101	115	300	52	15,600
VT	Q	Sep-2004	WT1L	18	2	18	38	21	798	VA	Q								
NJ	H	Feb-2003	N2NT	88	158	134	380	51	19,380	AR	H	Feb-2000	K5GO	81	117	80	278	50	13,900
NJ	L	Feb-1999	K2SQ	94	101	85	280	46	12,880	AR	L	Sep-1995	N8VV	49	54	38	141	39	5,499
NJ	Q									AR	Q								
NY	H	Feb-2002	K2UA	113	123	85	321	50	16,050	LA	H	Feb-1995	W5WMU (K5GA)	105	115	86	306	48	14,688
NY	L	Sep-2004	K2KQ	80	94	56	230	46	10,580	LA	L	Feb-2004	W5EKF	43	67	18	128	40	5,120
NY	Q									LA	Q	Feb-2003	KC5R	11	51	49	111	35	3,885
DE	H	Sep-1989	KN5H	98	102	72	272	46	12,512	MS	H	Feb-2000	WQ5L	123	136	58	317	49	15,533
DE	L	Feb-2002	N8NA	107	79	76	262	45	11,790	MS	L	Feb-2005	WQ5L	95	101	57	253	40	10,120
DE	Q	Sep-1999	N3DEL	6	1	0	7	5	35	MS	Q	Feb-2002	WA2NYR30	16	0	46	26	1,196	
MD	H	Sep-1989	W3LPL	120	110	80	310	47	14,570	NM	H	Feb-2003	N6ZZ	133	153	65	351	52	18,252
MD	L	Sep-2002	K3MM	95	95	71	261	40	10,440	NM	L	Feb-1999	N6ZZ	99	116	44	259	44	11,396
MD	Q	Sep-2002	K3ESE	19	35	0	54	17	918	NM	Q	Feb-2002	W5YA	121	75	28	224	42	9,408
PA	H	Sep-2004	K3NM (N2NC)	131	116	91	338	49	16,562	OK	H	Sep-2003	K3LR	131	133	88	352	48	16,896
PA	L	Sep-2003	W1NN	87	83	59	229	46	10,534	OK	L	Sep-1998	K5KA	79	89	62	230	40	9,200
PA	Q									OK	Q	Sep-2004	K5KA	91	69	52	212	43	9,116
AL	H	Feb-2004	K4NO	115	98	67	280	48	13,440	TX	H	Feb-2000	N5TJ	148	137	96	381	52	19,812
AL	L	Sep-2003	K4IQJ	70	89	60	219	44	9,636	TX	L	Sep-1998	N5TJ	141	111	80	332	46	15,272
AL	Q	Feb-1998	KJ3V	0	8	0	8	7	56	TX	Q	Feb-2000	KG5U	122	60	22	204	47	9,588
FL	H	Feb-2003	N2NL	151	139	67	357	55	19,635	CA	H	Feb-2003	W6EEN (N6RT)	150	147	81	378	54	20,412
FL	L	Sep-2003	K0LUZ	118	132	0	250	47	11,750	CA	L	Feb-2004	N6MJ	106	158	77	341	50	17,050
FL	Q	Sep-1999	N4BP	119	51	0	170	34	5,780										

QTH	Pwr	Date	Call	20	40	80	QSO	Mul	Score	QTH	Pwr	Date	Call	20	40	80	QSO	Mul	Score
CA	Q	Feb-2002	K6III	122	27	4	153	48	7,344	VE1	Q								
AK	H	Feb-2000	KL9A	139	63	0	202	47	9,494	VE2	H	Sep-1988	VE2ZP	75	98	41	214	41	8,774
AK	L	Feb-1995	KL7FAP	7	0	0	7	6	42	VE2	L	Feb-2003	VE2AWR	49	77	26	152	39	5,928
AK	Q	Feb-2003	N6TR/KL7I	0	0	0	1	1	1	VE2	Q								
AZ	H	Feb-2000	K6LL	178	144	42	364	50	18,200	VE3	H	Feb-2000	VE3EJ	90	93	87	270	50	13,500
AZ	L	Feb-2002	K7UJAZ (N4OGW)	126	87	23	236	45	10,620	VE3	L	Feb-2003	VE3NE	71	43	108	222	49	10,878
AZ	Q	Feb-1998	NQ7X	3	0	0	3	3	9	VE3	Q								
ID	H	Feb-2000	W7ZRC	123	107	44	274	45	12,330	VE4	H	Sep-2003	VE4/WB0O	136	130	0	266	45	11,970
ID	L	Feb-2001	W7UQ (KL9A)	144	88	44	276	48	13,248	VE4	L	Feb-2003	VE4XT	38	42	6	86	32	2,752
ID	Q									VE4	Q								
MT	H	Feb-1996	AB7BG	50	100	88	238	40	9,520	VE5	H	Sep-2000	VE5DX	122	92	50	264	43	11,352
MT	L	Feb-1998	K7BG	79	105	89	273	43	11,739	VE5	L	Feb-2003	VE5SF	106	119	12	237	49	11,613
MT	Q									VE5	Q								
NV	H	Feb-2000	K7BV	106	141	43	290	50	14,500	VE6	H	Feb-2000	VE6EX	228	439,804				
NV	L	Feb-2000	KU7Y	88	116	0	204	45	9,180	VE6	L	Sep-1999	VE6EX	117	64	14	195	46	8,970
NV	Q	Feb-1999	KU7Y	59	69	20	148	40	5,920	VE6	Q								
OR	H	Feb-2003	N6TR	172	142	79	393	52	20,436	VE7	H	Feb-2000	VA7RR	151	128	37	316	48	15,168
OR	L	Feb-2003	K4XU	121	110	46	277	47	13,019	VE7	L	Sep-2001	VE7QO	87	5	21	113	37	4,181
OR	Q									VE7	Q								
UT	H	Sep-1991	K6XO	128	93	42	263	44	11,572	VE8	H	Feb-2000	VY1JA	36	0	0	36	22	792
UT	L	Sep-1995	AH3C	59	91	65	215	38	8,170	VE8	L								
UT	Q	Feb-2003	NC7J	101	96	38	235	45	10,575	VE8	Q								
WA	H	Feb-2003	W7WA	133	113	54	300	49	14,700	4U1	H	Feb-1985	4U1UN(W2TO)	3	52	15	70	23	1,610
WA	L	Feb-2003	K7RI (K7SS)	149	111	37	297	53	15,741	4U1	L								
WA	Q	Feb-2002	K7RI (K7SS)	109	112	19	240	45	10,800	4U1	Q								
WY	H	Sep-1999	K7KU (N2IC)	132	117	63	312	48	14,976	8P	H	Sep-2002	8P9JG(N5KO)	164	105	8	277	42	11,634
WY	L	Feb-2004	KO7X	57	142	28	227	47	10,669	8P	L								
WY	Q	Feb-2003	WC7S	26	16	3	45	22	990	8P	Q								
MI	H	Feb-2003	N8EA	197	124	100	331	52	17,212	C6	H	Feb-1999	C6AKP	15	4	2	21	14	294
MI	L	Sep-2004	N8EA	59	111	82	252	44	11,088	C6	L								
MI	Q	Sep-2004	WA8REI	32	33	12	77	27	2,079	C6	Q								
OH	H	Feb-2003	K8MR	72	128	109	309	52	16,068	HH	H	Sep-1996	HH2AW	48	61	30	139	33	4,587
OH	L	Sep-2003	K8NZ	78	114	93	285	46	13,110	HH	L								
OH	Q	Sep-2004	N8VW	43	86	50	179	42	7,518	HH	Q								
WV	H	Feb-2002	N4ZR	69	100	117	286	48	13,728	HI	H	Feb-1991	HI8DMX	0	40	0	40	19	2,420
WV	L	Sep-1998	K3LR	62	93	64	219	39	8,541	HI	L								
WV	Q	Sep-2003	K5ID	49	52	42	143	34	4,862	HI	Q								
IL	H	Sep-2003	AG9A	130	162	73	365	52	18,980	HP	H	Feb-2000	HP1AC	50	14	0	64	30	1,920
IL	L	Feb-2003	K9AA (K9PG)	112	119	59	290	48	13,920	HP	L								
IL	Q	Feb-1999	WO9S	43	66	32	141	41	5,781	HP	Q								
IN	H	Sep-2003	N9RV	134	168	87	389	53	20,617	KP4	H	Feb-2004	NP4Z	49	150	54	253	48	12,144
IN	L	Feb-2003	KJ9C	76	95	91	262	48	12,576	KP4	L	Feb-2004	K1ZZ/ KP4	1	18	3	22	14	308
IN	Q									KP4	Q								
WI	H	Feb-2000	K9AA (K9PG)	94	169	69	302	55	16,610	TG	H	Sep-2001	TG9/N5KO	150	0	0	150	42	6,300
WI	L	Feb-1999	K9AA (K9PG)	96	109	67	272	47	12,784	TG	L								
WI	Q	Feb-2002	N9NE	69	66	21	156	40	6,240	TG	Q								
CO	H	Feb-2003	N2IC	154	151	84	389	52	20,228	V4	H	Feb-1996	V40Z (AA7VB)	0	21	33	54	23	1,242
CO	L	Feb-2002	W0ETT	122	86	15	223	46	10,258	V4	L								
CO	Q	Sep-2005	N0SXX	30	72	8	110	34	3,740	V4	Q								
IA	H	Sep-2000	N0NI (AG9A)	126	136	89	331	43	15,093	VP2E	H	Feb-1996	VP2E/ KJ4HN	2	66	0	68	30	2,040
IA	L	Sep-1998	K0RX	70	84	73	227	43	9,761	VP2E	L								
IA	Q									VP2E	Q								
KS	H	Sep-1982	K0VBU	50	103	78	231	42	9,702	VP9	H	Feb-1985	W6OAT/VP9	43	93	66	202	31	6,262
KS	L	Sep-2004	K3LR	95	94	67	256	41	10,496	VP9	L	Sep-2005	WA4PGM/VP977	59	17		153	36	5,508
KS	Q									VP9	Q								
MN	H	Feb-2003	K0SR	98	127	83	308	50	15,400	XE	H	Sep-1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335
MN	L	Sep-2003	NA0N	112	125	51	288	47	13,536	XE	L	Sep-2003	XF1K (N6AN)	113	85	39	237	47	11,139
MN	Q	Sep-2002	N0UR	62	44	5	111	32	3,552	XE	Q								
MO	H	Sep-1996	K4VX (WX3N)	104	133	95	332	46	15,272	ZF	H	Sep-1992	ZF2KI (K1KI)	154	90	7	251	49	12,299
MO	L	Feb-2002	KA0GGI	74	83	45	202	41	8,282	ZF	L								
MO	Q	Sep-2004	NJ4X	61	99	38	198	41	8,118	ZF	Q								
ND	H	Feb-2002	WB0O	124	106	88	318	47	14,946	9A	H	Sep-2000	9A6XX	29	0	0	29	19	551
ND	L	Feb-1998	W0HSC (KB0O)	49	96	72	217	36	7,812	Ct	H	Sep-1998	CT1BOH	122	76	27	225	40	9,000
ND	Q									DL	H	Sep-2004	DJ1YFK	0	6	0	6	6	36
NE	H	Feb-1991	KV0I	82	62	60	204	34	6,936	EA8	H	Feb-1994	EA1AK/EA8	15	21	0	36	21	756
NE	L	Sep-2005	WW2Y	42	120	67	229	41	9,389	F	H	Sep-1990	F/N6TR	100	78	18	196	38	7,448
NE	Q	Feb-2003	W8TM	0	116	0	116	41	4,756	G	H	Feb-2002	G4BUO	45	84	31	160	40	6,400
SD	H	Feb-2003	WD0T	115	124	108	347	47	16,309	HC8	H	Feb-2000	HC8N (N5KO)	142	121	8	271	52	14,092
SD	L	Sep-2002	K7RE	51	37	2	90	24	2,160	I	H	Sep-1998	IK0HBN	64	26	10	100	35	3,500
SD	Q									JA	H	Feb-1991	7J1AAI	13	0	0	13	9	117
VE1	H	Feb-2004	VO1AU	36	79	0	115	40	4,600	KH6	H	Sep-1981	KH6NO	86	35	0	121	30	3,630
VE1	L	Sep-2000	VE9DX (K5NZ)	99	56	28	183	40	7,320	LU	H	Feb-2003	LU1FAM	74	18	0	92	35	3,220
										LY	H	Sep-2000	LY4AA	107	56	0	163	38	6,194
										Oh	H	Sep-1998	OH1NOA	56	0	0	56	22	1,232
										PY	H	Sep-1980	PY8ZPJ	28	1	0	29	14	406
										UA9	H	Feb-2000	RU0SN	15	0	0	15	13	195
										UN	H	Sep-2000	UP6F	13	0	0	13	10	130
										VK	H	Sep-1994	VK5GN (N6AA)	48	0	0	48	22	1,056
										ZD8	H	Sep-1990	ZD8Z (N6TJ)	116	93	19	228	43	9,804
										ZS	H	Feb-2000	ZS1ESC (N6AA)	51	0	0	51	18	918

2005 September CW Sprint Scores (* indicates low power, ** indicates QRP)

Call	Name	QTH	20	40	80	QSO	Mlt	Score	Team	Call	Name	QTH	20	40	80	QSO	Mlt	Score	Team
K1KI	TOM	CT	121	91	93	305	47	14335	YCCC#1	W6EU	JIM	CA	87	116	54	257	44	11308	NCCC#1
K1EA	KEN	MA	80	131	82	293	44	12892		N6VR	RAY	CA	108	89	58	255	44	11220	SCCC#1
W1WEF	JACK	CT	102	113	70	285	42	11970	YCCC#1	K6NR	DANA	CA	106	91	42	239	45	10755	SCCC#1
K1DG	DOUG	NH	95	102	78	275	42	11550	YCCC#1	W6OAT	*RUSTY	CA	100	103	36	239	45	10755	NCCC#2
K5ZD	KATRINA	MA	92	75	58	225	42	9450	YCCC#1	K6LRN	DICK	CA	86	88	37	211	46	9706	NCCC#2
K1HT	*DAVE	MA	67	104	51	222	40	8880	YCCC#1	K2KW	KEN	CA	96	80	45	221	43	9503	NCCC#2
NB1B	DENNIS	MA	60	53	52	165	40	6600	YCCC#1	AJ6V	ED	CA	74	113	37	224	41	9184	NCCC#1
W1EBI	GEO	MA	41	56	56	153	39	5967	YCCC#1	N6PN	*MATT	CA	67	116	46	229	40	9160	NCCC#2
*BOB	NH	48	52	31	131	34	4454	YCCC#1	N6ZFO	*BILL	CA	57	94	46	197	41	8077	NCCC#2	
N4CW	BERT	ME	46	46	8	100	33	3300		W6RK	*RISTO	CA	48	82	0	130	38	4940	NCCC#3
K1AR	JOHN	NH	6	45	27	78	33	2574		N5KO	TREY	CA	15	97	3	115	35	4025	
W1JQ	*MIKE	CT	33	28	6	67	25	1675	YCCC#1	K6OWL	*MARK	CA	24	60	18	102	34	3468	NCCC#3
KM3T	**VINO	VT	0	0	9	9	8	72	YCCC#2	W1AW	*DICK	CA	78	0	0	78	36	2808	
N2NT	ANDY	NJ	115	129	100	344	44	15136	PVRC/FRC#1	N6WG	**BOB	CA	34	36	9	79	28	2212	NCCC#2
N2RM	JOHN	NJ	124	91	101	316	46	14536	PVRC/FRC#1	N6XI	RICK	CA	58	0	0	58	30	1740	NCCC#2
W2RQ	BILL	NJ	91	116	108	315	44	13860	PVRC/FRC#1	N6EM	*JACK	CA	24	23	9	56	20	1120	NCCC#3
K2UA	RUS	NY	58	103	85	246	44	10824	NCC	NE6I	*DENNIS	CA	47	0	0	47	21	987	SCCC#1
N2GC	MIKE	NY	54	97	75	226	42	9492	YCCC#1	KZ5OM	JAY	CA	30	0	0	30	17	510	
K2SX	DENNIS	NY	0	26	4	30	17	510	YCCC#2	KE6QR	*GARY	CA	0	3	18	21	11	231	
N2ZN	*KEN	NY	0	7	0	7	5	35		W6ZZZ	MARK	CA	6	1	0	7	3	21	NCCC#3
AA3B	BUD	PA	93	137	77	307	46	14122	PVRC/FRC#1	N6TR	TREE	OR	131	147	91	369	47	17343	
K3WW	CHAS	PA	99	116	80	295	46	13570	PVRC/FRC#1	K7NV	KURT	NV	95	114	63	272	48	13056	NCCC#1
K3CR	ALEX	PA	104	106	76	286	44	12584	NCC	KM7W	*DAN	WA	95	123	56	274	46	12604	Corner
N3AD	ALAN	PA	64	95	76	235	44	10340	PVRC/FRC#1	K4XU	DICK	OR	83	106	76	265	45	11925	Corner
K3MD	*JOHN	PA	58	62	61	181	43	7783	PVRC/FRC#2	K07X	AL	WY	75	120	83	278	39	10842	
K3STX	*PAUL	MD	48	60	53	161	37	5957	PVRC/FRC#2	W7RN	TOM	NV	55	87	56	198	46	9108	NCCC#2
N4AF	AL	NC	121	123	94	338	47	15886	PVRC/FRC#1	NN7ZZ	DON	UT	53	93	55	201	39	7839	
W4PA	SCOTT	TN	105	156	91	352	44	15488	SSC	N7VM	*BILL	UT	60	71	54	185	37	6845	
K4RO	KIRK	TN	74	126	108	308	43	13244	SSC	K7BG	*MATT	MT	12	114	38	164	39	6396	
K4BAI	JOHN	GA	68	135	80	283	45	12735	SSC	N7WA	*DINK	WA	58	69	52	179	35	6265	
N4ZZ	DON	TN	88	110	82	280	44	12320		KY7M	LEE	AZ	66	48	0	114	35	3990	Azenmokers
NA4K	STEVE	TN	58	122	99	279	44	12276		KI7Y	*JIM	OR	36	56	38	130	29	3770	Corner
K7SV	*LARRY	VA	86	94	86	266	46	12236	PVRC/FRC#1	K7WA	*JIM	WA	49	35	29	113	30	3390	Corner
W4NZ	TED	TN	85	105	80	270	43	11610	SSC	W7YS	*BILL	AZ	35	38	14	87	34	2958	Azenmokers
W4OC	*DON	SC	84	95	69	248	43	10664	SSC	N7ZG	*GUY	WA	28	36	26	90	27	2430	
KU8E	*JEFF	GA	46	122	59	227	43	9761	SSC	W3CP	*JIM	OR	18	25	10	53	23	1219	
W3YY	BOB	VA	58	87	69	214	41	8774	PVRC/FRC#2	KL7WV	TIM	AK	28	0	0	28	6	168	NCC
AD4EB	JIM	TN	58	72	66	196	41	8036		AL1G	KIM	AK	0	0	0	0	0	0	Corner
AA4GA	*LEE	GA	37	92	50	179	42	7518	SSC	N4ZR	*PETE	WV	77	93	47	217	39	8463	PVRC/FRC#2
W4AU	JOHN	VA	49	73	72	194	38	7372	PVRC/FRC#1	N8EA	*JOE	MI	54	77	53	184	40	7360	
N4DW	DAVE	TN	17	102	49	168	42	7056		W8KW	*TED	MI	72	41	55	168	38	6384	
K4MX	*JERI	VA	10	78	73	161	40	6440		W8WTS	*JIM	OH	24	42	28	94	36	3384	
N5VI	*VAN	GA	39	83	31	153	40	6120		K8NZ	*RON	OH	34	36	19	89	35	3115	NCC
K1TO	*DAN	FL	88	76	0	164	36	5904		K8BB	DON	MI	38	33	0	71	29	2059	
K4IQJ	*DICK	AL	50	66	31	147	40	5880		N8SR	STEVE	MI	80	0	0	80	24	1920	
N4GI	*BLAKE	FL	49	85	18	152	34	5168	SSC	K8MR	*JIM	OH	1	22	0	23	15	345	
AA4LR	BILL	GA	45	60	24	129	35	4515	SSC	N9RV	PAT	IN	106	147	91	344	44	15136	SMC#1
NA4BW	**BRIAN	GA	15	28	20	63	28	1764		W9RE	MIKE	IN	88	142	93	323	43	13889	SMC#1
N4GG	HAL	GA	0	30	25	55	27	1485		K9NW	MIKE	IN	81	116	112	309	44	13596	SMC#1
K4LW	*BOB	GA	2	48	6	56	24	1344		K9BGL	KARL	IL	64	109	93	266	46	12236	
N4LF	LEX	FL	19	33	1	53	25	1325		KJ9C	*MEL	IN	41	97	98	236	48	11328	SMC#2
W4QO	**JIM	GA	0	49	0	49	24	1176		WT9U	JIM	IN	52	100	105	257	42	10794	SMC#1
K1GU	*NED	TN	0	0	51	51	23	1173		N9CK	*STEVE	WI	57	111	75	243	41	9963	SMC#1
K5GN	DAVE	TX	123	149	87	359	49	17591		K9MMS	*GARY	IL	43	115	49	207	42	8694	SMC#1
K5TR	GEO	TX	126	150	94	370	47	17390		W19WI	JIM	WI	79	91	56	226	38	8588	SMC#1
N2IC	STEVE	NM	122	139	89	350	49	17150	Azenmokers	KA9FOX	*SCOTT	WI	50	121	21	192	43	8256	SMC#2
N3BB	JIM	TX	116	152	65	333	47	15651	Austin	N9JF	*POGO	IL	42	87	62	191	42	8022	
K5GA	BILL	TX	109	147	76	332	47	15604		K8GU	*ETHAN	IL	25	95	59	179	43	7697	SMC#2
N6ZZ	PHIL	NM	108	147	62	317	49	15533	Azenmokers	K9KM	*HOWIE	IL	20	68	42	130	34	4420	SMC#2
N5OT	MARK	OK	96	140	97	333	45	14985	Azenmokers	WW9R	*PAT	WI	3	22	15	40	19	760	SMC#2
N4OGW	TOR	MS	100	125	87	312	43	13416	Austin	NA9U	*JOHN	IN	0	0	0	0	0	0	
K5KA	KEN	OK	85	116	91	292	44	12848	Azenmokers	K0OU	STEVE	MO	58	139	75	272	42	11424	SMC#1
K5YAA	JERRY	OK	79	130	83	292	44	12848	Azenmokers	K0AD	AL	MN	73	100	51	224	42	9408	MWA
K5OT	LARRY	TX	90	123	79	292	43	12556	Austin	WW2Y	*PETER	NE	42	120	67	229	41	9389	PVRC/FRC#2
KZ5D	ART	LA	71	104	60	235	43	10105	Austin	N0AT	*RON	MN	55	106	54	215	41	8815	MWA
AA5B	*BRUCE	NM	82	106	56	244	41	10004		W0ETT	*KEN	CO	60	86	51	197	43	8471	
K5WA	BOB	TX	97	106	33	236	42	9912	Austin	NA0N	*PAT	MN	49	110	49	208	39	8112	MWA
K5XR	JOE	TX	81	79	39	199	43	8557		KM0O	*TONY	MN	57	97	32	186	39	7254	MWA
AC5AA	*DUANE	TX	57	76	31	164	39	6396	Austin	KT0R	DAVE	MN	45	83	46	174	37	6438	MWA
KG5U	**DALE	TX	70	60	26	156	39	6084	Austin	K6XT	*ART	CO	48	90	21	159	35	5565	SCCC#1
K0CIE	*KARL	OK	16	55	3	74	31	2294	Azenmokers	N0SXX	**GARY	CO	30	72	8	110	34		