September 2007 North American Sprint CW Results

The 61st CW Sprint took place September 9 UTC. We received 171 logs, and 255 stations were active in the contest. With the "extra" daylight in September, 20 meters was open for both coasts at the start of the contest and hung in there long enough for most East Coast stations to work about a third of their contacts on that band. Forty meters was the money band for most participants, but 80 was in good enough shape for eight stations to break 100, and a couple even topped 110. Multipliers were plentiful. Three stations worked 47 mults, and seven snagged 46.

Many stations opted to use the name "Phil" in memory of Phil Goetz, N6ZZ, who became a Silent Key following the last CW Sprint. At least one station was actually sending "P5IL," but hardly anyone seemed to notice the difference.

QRP Category

One of the most significant challenges in the CW Sprint is to operate it running only 5 W. You end up constantly being beaten out when you find a new station, and sometimes you actually get better results by just finding an empty place on the band and CQing your heart out. Al, KC5R, has operated this contest QRP several times now from Louisiana. He must have figured something out, because he nearly doubled his previous best effort and ended up first among the QRP entries. Second place went to Kyle, WA4PGM, with a very respectable 100 total QSOs. Jon, NØLY, came in third from Missouri, closely followed by Brian, NA4BW, and Dan, KEØG. The QRP station with an attitude (Bob, N6WG) finished sixth, while Dave, KD4HXT, finished off the list of QRP stations operating from California.

Many states/provinces haven't had a QRP entry yet, so if you are looking for a sure way to get your call sign into the record book, this might interest you.

Low Power Category

In the low power category, Scott, KA9FOX, was able to put enough distance between himself and the rest of the pack to pull off a victory. Stan, K5GO, came in second, with Yuri, VE3DZ, and Danny, K7SS, right behind. Pat, NAØN, came in fifth, and Kevin, N5DX, placed sixth. I believe Kevin might have been at the same location as K5GO's operation. Bruce, AA5B, operated at K5TA to capture seventh place, with W5JAW, N7CW and WØETT rounding out the Top 10.

High Power

After only having one victory from California in this contest for about 30 years, we now have a third with Dan, N6MJ, piloting W6YI to a first-place finish. The second-



John, N2NC, at K3LR during the CQ WW SSB Contest. Perhaps those big headphones helped him to get a "Golden Log" in the CW Sprint.

place score came from the Northeast as Randy, K5ZD, found conditions to his liking. Third place went to Steve, N2IC, who seems to be enjoying his New Mexico QTH. Scott, W4PA, came in fourth, and Tree, N6TR, took fifth. The Gator™, N5RZ, hid behind the N5QQ call sign and came in sixth. Andy, N2NT, placed seventh. N4AF came in eighth and K1KI and N6TV tied for ninth. It's always interesting to see an

even distribution of stations from across the nation showing up in the Top 10.

Team Competition

Once again, the Northern California Contest ... Wait! STOP THE PRESSES! The Austin Powers Dashers upset the NCCC — the perennial winner — by slightly more than 2000 points. It's been about 80 years since the NCCC has failed to win the club competition. The Southern California Contest Club came in third followed by the Southern Sprint Coalition.

In all, 20 teams registered. This continues to be the best way to support the activity level in the contest. Why not get a team together for February?

Golden Logs

The log checking software in this contest has absolutely *no* sense of humor. Nearly every QSO is checked for accuracy as well as cross-checked against the other station's log. Nonetheless, 16 stations ended up with golden logs with no score reductions.

Congratulations to Mark, N5OT; John, K4BAI, and John, N2NC (operator at K2TOP) who managed to pull this off and still

Team	s Sc	cor	es

	wers Dashers	Northern		Southern			Southern Sprint Coalition				
N4OGW	14,706	Contest C	JUD # I	Contest C	lub #1	Coannon					
W5KFT	13,662	N6TV	14,715	W6YI	15,928	W4PA	15,456				
K5OT	12,980	N6RO	13,590	K6LA	14,476	K4BAI	14,625				
K5WA	12,915	W6YX	13,365	N6AN	13,583	W4OC	14,306				
KZ5D	12,420	K6XX	13,079	W6EEN	12,915	K4RO	12,599				
WØBH	12,276	N6XI	12,232	K6NA	12,672	N4OX	11,880				
KU1CW	12,169	AE6Y	11,521	N6VR	11,088	KU8E	10,707				
W5WMU	11,655	KF6T	11,137	AC6T	10,922	K1ZZI	7640				
N5DO	11,528	K6RB	10,836	W6SJ	5092	NA4BW	3400				
N9NB	8200	W6RGG	10,560								
		W6EU	9408	Total	96,676	Total	90,613				
Total 122,511											
		Total	120 //3								

5. Sprintin' Ain't Easy #1 (W9RE, N9CK, KA9FOX, W19U, W19WI, KØOU,	
K9MMS, K8GU, KE9I, K9KM)	89,377
6. YCCC #1 (K5ZD, K1KI, N1LI, W1WEF, N2GC, W1EBI, WA1Z, NP3D, W1JQ)	84,082
7. MRRC/NCC (K9NW, K3UA, N8EA, K3LR, N9RV, W1NN, KL7RA, N8SS)	70,123
8. PhilHarmonic — N6ZZ Memorial (N6TR, NØAX, K7SS, K7RL, NG7Z, K7WA).	59,665
9. FRC #1 (N2NT, K3WW, N3AD, WW2Y, K3MJW, WQ2N)	
10. Austin Powers Ditters (K5GO, N5DX, W5JAW, W5ZL, NO5W, AC5AA)	52,062
11. PVRC (N4AF, N4ZR, K7SV, K3STX, AJ1M, K4GMH)	51,197
12. Jackelope (N7FO, KO7AA, KY7M, N7CW, K7WP)	49,899
13. FRC #2 (K2TOP, AA3B, W2RQ, W2GD)	48,835
14. NCCC #2 (W6SX, K9YC, W6CT, K6LRN, N3ZZ, K6OWL, W6NF, N6WG,	
W6RK, K6CSL)	43,942
15. Mountaineers (N2IC, WØETT, KO7X, KØUK)	32,034
16. CCO (VE3DZ, VA3NR, VE3KI, VE3RCN)	22,964
17. Sprintin' Ain't Easy #2 (KJ9C, N9FC, WW9R, K9ZT, KM9M)	13,808
18. MWA (NAØN. NØAT)	13.299
19. NCCC #3 (AD6E, K5RC, KA3DRR, N6EE)	9368
20. SCCC #2 (NE6I, K6EY)	1827

O	_				
Guest	u	per	aι	or	S

aucst opc	iutois				
AC6T	(@W6RFU)	K5XR	(W5ASP)	W5KFT	(K5PI)
K2TOP	(N2NC)	N1LI	(K1DG)	W6CT	(@K6TD)
K3MJW	(K3MD)	N1YC	(9V1YĆ)	W6EEN	(N6RT)
K3UA	(@K3LR)	N5QQ	(N5RZ)	W6YI	(N6MJ)
K5OT	(@K5NA)	N7FO	(KN5H)	W6YX	(N7MH)
K5TA	(AA5B)	NP3D	(EW1ÁR)		,

5 Sprintin' Ain't Eggy #1 (WODE NOCK KAGEOV WITHIN WIOWI KOOL)

put more than 300 QSOs in their logs. Honorable mention goes to N6RT (at W6EEN), K1DG (at N1LI), WØBH, KA9FOX, VE3DZ, NAØN and W6CT, who all had golden logs containing more than 200 QSOs.

N2NT

N4AF

K1KI

15.136

15,030

14,715

14,715

146

91

28

Records

There's lots of new ink in the record book this time around. Doug, K1DG, turned on the amplifier at his new Maine QTH and now holds both the low and high power records. Brian, NA4BW, improved on his QRP record from Georgia with exactly 100 QSOs. Kyle, WA4PGM, posted the first QRP score from Virginia, racking up more than 5000 points! Stan, K5GO, in Arkansas beat the 12-year-old record for low power previously held by N8VV. AI, KC5R, almost doubled his Louisiana QRP record of four years earlier. Eric, K6VVA, operated portable from Alaska and established a new low power record. Bob, WØBH, improved his Kansas record from last year's in the high power category. Finally, John, P4Ø/W2GD, and Zep, ON5ZO, submitted the first-ever scores from their respective countries.

Next Time

In order to eliminate the QRM we've been experiencing from a major RTTY contest, the CW and phone sprints will swap weekends in February. The CW event now will be held first, followed by the SSB event. While this sets up a minor conflict with the FOC contest, this should be less of an issue than the RTTY contest has presented recently. *Mark your calendar:* The next *NCJ* CW Sprint will be February 3 UTC (that's February 2 local time in the US and Canada).

Teams should register via the NCJWeb. www.ncjweb.com. Participants may submit logs via e-mail, cwsprint@kkn.net or by using the log submission form on the NCJWeb site. Remember. Logs are due seven days after the contest!

We typically post final scores within two weeks of the contest, and these are announced on the CQ-Contest reflector.

Check out the Web resources, **n6tr.jzap. com/sprint.html**, as well as the rules, records and previous results on the *NCJ* Web page, **www.ncjweb.com**. The CQ-Contest reflector is also a great place to ask questions about this contest. Visit **lists.contesting.com/mailman/listinfo/CQ-Contest** to learn more about this resource.

Soapbox

AA5B: Many thanks to Scott, K5TA, for letting me operate his station.

ACSAA: Boy, without much CW practice lately, my performance and concentration were really poor. Thanks to all the super ops who gave me fills (and "Phils!") when needed.

KØUK: Prime rib, red wine, baked potato, salad and big piece of double dark chocolate cake. It's amazing how well my CW gets after a half bottle of Napa Valley's

Top 10 So	cores						
Call Sign	Score	Bnd Chgs	QSOs Lost	00Z	01Z	02Z	03Z
W6YI	15,928	84	3	104	89	85	84
K5ZD	15,686	49	2	105	84	78	74
N2IC	15,576	114	3	111	89	72	82
W4PA	15,456	145	9	94	93	79	73
N6TR	15,444	93	6	96	95	79	82
N5QQ	15,224	106	9	94	91	77	85

6

98 93

91

88

84

91

80

80

74

80

74

Top 10 (QSOs	Top 10 L	ow Power	Golden	Logs (QSOs)
W6YI N2IC N6TR N5QQ N2NT N4OGW K5ZD W4PA N4AF W9RE	362 354 351 346 344 342 341 336 334 332	KA9FOX K5GO VE3DZ K7SS NAØN N5DX K5TA W5JAW N7CW WØETT	11,572 11,396 11,385 11,352 10,692 10,496 10,332 9954 9758 9282	N5OT K4BAI K2TOP W6EEN N1LI WØBH KA9FOX VE3DZ NAØN W6CT	326 325 303 287 286 279 263 253 243 211
Top 10 I K6LA KO7AA N6AN K3LR	Mults 47 47 47 46	Top 10 C KC5R WA4PGM NØLY NA4BW	6942 5112 3570 3400	N1YC W8UE K6VVA VE3KI W6RKC ON5ZO	145 122 116 70 12 11
K5ZD KZ5D N7FO W4OC W4PA W5KFT	46 46 46 46 46 46	KEØG N6WG KD4HXT	3267 1988 1242	Top 10 E KU1CW W9RE N2NT W4PA N4OGW N2IC AA3B N5DX N5QQ N6TR	Band Changes 198 158 146 145 131 114 110 107 106 93

best, but it was fun, CU on SSB.

K3MJW: Technical difficulties last hour or would have had 220-230 QSOs.

K4RO: We miss you, OM Phil.

K5ZD: Just back from a busy work week in Europe. The jet lag kicked in during hour 3 and it was all I could do to keep going! At least the thunderstorms that came through New England stayed to the north and west of me.

K6CSL: A really rough exercise with 100 W and "invisible antennas!"

K6VVA: TS-480 @ 100 W LP to a fixed mobile screwdriver and whip with two radials per band from KL7 at this part of the sunspot cycle was an adventure in masochism. Being close to saltwater did help. Way too many unanswered CQs, but P4Ø/W2GD called for a nice surprise!

K7SV: Decided to work the contest with the little antennas/low power from home rather than big antennas/HP from the NR4M QTH. Loads of fun trying to put SO2R to good advantage. Sprint isn't the best contest to get the knack of SO2R under new software! Missed two mults that I heard (VE7 and AL).

K8MM: I was plagued by equipment problems at the beginning and missed a lot of the first hour. See you in the spring.

K9NW: Great performance by the "Phil" harmonic orchestra!

KA3DRR: Four hours vaporized, and I was left in the chair mumbling, "Wow, wow." Stellar fun, and I'm looking forward

to the next one. Operate Sprint style! Yaesu FT-100 running 40 W into a center-fed inverted L doublet.

KA9FOX: Bands were in surprisingly good shape. Can't believe I missed Ohio! Still resisting SO2R in Sprints (one radio seems to keep me plenty busy). Only 2 band changes this time.

KD4HXT: First-ever CW Sprint, and I enter as QRP. Nutty, but fun. This contest is not easy. QRM on 40 was a killer, and I wonder how anybody heard my signal.

KEØG: A great night for a Sprint! I worked Hawaii on 20, Alaska on 40, and Maine on 80, running QRP with wire antennas. Thanks to all who dug out my signal.

KJ9C: THIS IS NO PLACE FOR A DRUNK.

N6AN: Wow! What a Phun, Phitting tribute! Thank you, Phil! RIP, OM. With the W6UE TS-950 acting up, including no output on 20, I decided to install my TS-440 for the contest. After a bit of fiddling I got things all set about three hours before the contest with help from my 11 year old son, Alan. He even had some fun playing with my keyer and paddle. Not knowing if there would be a minute of silence, I hesitated. But as signals exploded I just dove in, too. Twenty was great for the first 15 minutes or so, then started slowing down. One of my slowest first hours with 75 QSOs. And I went to 40 much earlier than usual, which picked the rate up. My second hour was

86 and included a 10-minute revisit to 20 for four mults in 13 Qs. During the third hour I tuned the whole band and found only dupes. Arrgh! I experienced several "deer-in-the-headlights" moments (third hour, 58 Qs) when my rate simply seemed to stop. At 0236 I tried 80, quite early for me, and found nine QSOs in six minutes before diving back to 40. At 0259 I went back to 80 for good. I wish there were twice as many loud ČA stations to help the rate. N2GC, K3UA, W2RQ, VA3NR and N1LI were the only stations I could work on the East Coast. Thanks to K4TD for AL, my only mult on 80. 300 Qs where are you? Not with a 73 last hour. But the mults were very cooperative. I think the "soft" CW filter in the TS-440 may have been helpful in hearing some new mults on either side of me as I finished a QSO. With a VE6 and ZF2 reported there may have been as many as 49 or 50 available. VE2ED was a nice catch, though a tough QSO to complete. Thanks for your patience, Jean. Two copy issues came up for me during the contest. When I worked "K1ZZ" in GA named Ralph I was really puzzled until we worked again and I got the ZZI. Whew! Then KOOU sent me 219 in heavy QRM/N, but then I thought I heard him sending 210 to his next QSO, after which he disappeared. Such a dilemma, which number to put in the log, like changing an answer on a multiple choice test, hi! Well, I left in 219 and will take my lumps. [It was 209, and you lost the QSO - Ed.]. Time to get a better 80 meter antenna. Thank you all for the QSOs and another great Sprint!

N6TV: First NA Sprint using *Win-Test* and also new Force 12 rotary 80 meter dipole. Both worked great!

N6WG: Well, as usual, I gave it my best shot, but, as usual, it wasn't very impressive.

Had fun, though, so it was still worth doing. Got off to a slow start, mostly just CQing to see what I could stir up. Later I got into the proper rhythm of the contest, but didn't really pick up some rate until the last hour on 80. My biggest peeve is identifying a station CQing just as he decides to vacate the frequency and go somewhere else. Missed quite a few that way. Just have to get there faster, I guess. Now looking forward to the SSB Sprint. See you there. 73, Bob, "The Little Station with Attitude"

N6XI: First Sprint with K3. Rig worked well. Grounding glitch on computer degraded SO2R operation. Missed NV, only 20 miles away.

N7EIE: This is one of the most challenging contests out there, The code speed seems faster every time! CU in February.

N8NA: It was harder to transition back and forth between two-radio and one-radio than I'd anticipated. Not every segment of the contest lent itself well to two-radio operation from here this time.

N9RV: Used K7BG's station. Made emergency switch to paper after 53 QSOs. Those skills have deteriorated seriously.

NA4K: Thanks to Jeff, K4BP, for letting me operate from his station. I did not have to worry about TVI/RFI reports.

NG7Z: Best I've done in this contest so far. My goal was 200, but I fell far short. Got beat out a lot of times because of slow fingers on the keyboard and failure to copy call signs fast enough. This is one demanding event. Hearing 250, 349, 256, etc for QSO numbers makes me shake my head in disbelief. How do these guys do it?

NN5K: In honor of Phil Goetz, N6ZZ NO5W: It was one of those woulda, shoulda, coulda sprints but one of my best efforts as I coulda broken through the 200 Q barrier if I woulda put up that 80 meter dipole. Shoulda done it — hopefully next time. The bands were pretty nice here in the Houston area, much quieter than they have been for the Thursday night practice sessions. Thanks to the NCCC for sponsoring those fun events and to W9RE for those slow-speed warm-up sessions. I think that participation in the NS is one reason that I coulda broken 200 if only I woulda done that antenna work. No doubt about it, the CW Sprints are the most fun you can have in radio. 73, Chuck

NP3D: Wow! First time in this game! I know now two things: (a) I don't know CW, and (b) most common name in USA is PHIL. Thanks to all for the QSOs; sorry if I screwed up somebody. 73, Andrei (Andy), EW1AR

W1JQ: Good physical therapy . . . great condx!

W2GD: Well worth the effort to make the station ready. As always *great ops*.

W5KFT: I've only been able to do one Sprint in the last three years and none of the NS events. Boy, was I rusty! I've got to find a way to get the home station going for SO2R to get in the Thursday night action.

W6RK: 45 minutes was enough this time. W6RKC: This is the first time in probably 25 years that I have tried a Sprint. Had the format OK and could copy the CW no problem, but my heart rate doubled with every contact. A great cardio workout!

Wİ9WI: Our golden retriever, Brie, died the Monday before the contest. She was a good radio dog, spending many contests with me at our cabin and coming with me on several mobile forays in the WIQP and MIQP. Hence the unusual name, "Brie."

WW9R: Wow, that was great fun! How can four hours fly by so fast? I heard some great CW out there tonight.

CW Sprint Records through September 2007

QTH CT CT CT	<i>Pwr</i> H L Q	Date Sep 2003 Sep 1999	<i>Call Sign</i> K1KI NT1N	<i>20</i> 153 122	40 132 115	80 84 43	<i>QSO</i> 369 280	Mults 50 49	18,450	<i>QTH</i> AL AL AL	<i>Pwr</i> H L Q	Date Feb 2004 Sep 2003 Feb 1998	<i>Call Sign</i> K4NO K4IQJ KJ3V	20 115 70 0	40 98 89 8	80 67 60 0	QSO 280 219 8	Mults 48 44 7	Score 13,440 9636 56
MA MA MA	H L Q	Feb 2003 Feb 2003 Sep 2003	K5ZD K1HT NB1B	136 72 75	144 106 29	85 114 3	365 292 107	54 50 33	19,710 14,600 3,531	FL FL FL	H L Q	Feb 2003 Sep 2003 Sep 1999	N2NL KØLUZ N4BP	151 118 119	139 132 51	67 0 0	357 250 170	55 47 34	19,635 11,750 5780
ME ME ME	H L Q	Sep 2007 Sep 2006	N1LI (K1DG) N1LI (K1DG)	102 89	115 106	69 49	286 244	45 43		GA GA GA	H L Q	Sep 2003 Feb 2003 Sep 2007	K4AAA (W4AN) KU8E NA4BW	146 42 24	170 124 38	88 81 38	404 247 100		21,816 11,856 3400
NH NH NH	H L Q	Feb 2003 Feb 2002 Feb 2003	K1DG K1BX AB1AV	129 131 2	119 76 0	83 62 0	331 269 2	50 47 2	16,550 12,643 4	KY KY KY	H L Q	Sep 1998 Feb 2002	K4LT K4FXN	82 103	107 98	92 53	281 254		12,364 11,430
RI RI RI	H L Q	Feb 2002 Feb 2004 Sep 2006	KI1G AJ1M KO1H	122 7 10	95 6 8	93 0 0	310 13 18	47 13 9	14,570 169 162	NC NC NC	H L Q	Sep 2003 Feb 1995 Feb 1998	N4AF K7GM W4WS (N4VHK)	98 73 13	129 101 23	115 69 13	342 243 49	49 45 24	16,758 10,935 1176
VT VT VT	H L Q	Feb 2004 Sep 1999 Sep 2004	NT1Y (W4PA) W1EAT WT1L	116 38 18	175 33 2	47 33 18	338 104 38	48 35 21	16,224 3640 798	SC SC SC	H L Q	Sep 2003 Sep 2003	W4OC W4OC	108 87	107 92	83 116	298 295		13,708 14,750
NJ NJ NJ	H L Q	Feb 2003 Feb 1999 Feb 2007	N2NT K2SQ KR2Q	88 94 0	158 101 29	134 85 38	380 280 67	51 46 30		TN TN TN	H L Q	Sep 2003 Sep 2003	W4PA K4AMC	134 77	163 127	96 66	393 270		20,043 12,690
NY NY NY	H L Q	Feb 2002 Sep 2004	K2UA K2KQ	113 80	123 94	85 56	321 230	50 46	16,050 10,580	VA VA VA	H L Q	Sep 1989 Feb 2003 Sep 2007	KT3Y K7SV WA4PGM	95 84 38	122 101 54	79 115 50	296 300 142	48 52 36	14,208 15,600 5112
DE DE DE	H L Q	Sep 1989 Feb 2002 Sep 1999	KN5H N8NA N3DEL	98 107 6	102 79 1	72 76 0	272 262 7	46 45 5	12,512 11,790 35	AR AR AR	H L Q	Feb 2000 Sep 2007	K5GO K5GO	81 99	117 82	80 78	278 259	50 44	13,900 11,396
MD MD MD	H L Q	Sep 1989 Sep 2002 Sep 2002	W3LPL K3MM K3ESE	120 95 19	110 95 35	80 71 0	310 261 54	47 40 17	14,570 10,440 918	LA LA LA	H L Q	Feb 1995 Feb 2004 Sep 2007	W5WMU (K5GA W5EKF KC5R) 105 43 95	115 67 66	86 18 17	306 128 178	48 40 39	14,688 5120 6942
PA PA PA	H L Q	Sep 2004 Sep 2003 Sep 2007	K3NM (N2NC) W1NN K3MJW	131 87 7	116 83 27	91 59 49	338 229 83	49 46 27	16,562 10,534 2241	MS MS MS	H L Q	Feb 2000 Feb 2005 Feb 2002	WQ5L WQ5L WA2NYR	123 95 30	136 101 16	58 57 0	317 253 46	49 40 26	15,533 10,120 1196

<i>QTH Pw</i> NM H	r Date Feb 2003	Call Sign N6ZZ	<i>20</i> 133	<i>40</i> 153	<i>80</i> 65	<i>QSO</i> 351	Mults 52	<i>Score</i> 18,252	QTH VE2	<i>Pwr</i> H	Date Sep 1988	Call Sign VE2ZP	<i>20</i> 75	<i>40</i> 98	<i>80</i> 41	<i>QSO</i> 214	Mults 41	Score 8774
NM L NM Q	Feb 1999 Feb 2002	N6ZZ W5YA	99 121	116 75	44 28	259 224	44 42	11,396 9408	VE2 (L Q H	Feb 2003 Feb 2000	VE2AWR VE3EJ	49 90	77 93	26 87	152 270	39	5928 13,500
OK H OK L OK Q	Sep 2003 Sep 1998 Sep 2004	K3LR K5KA K5KA	131 79 91	133 89 69	88 62 52	352 230 212	40 43	16,896 9200 9116	VE3 (L Q	Sep 2006	VE3DZ	65	111	72	248		11,656
TX H TX L TX Q	Feb 2000 Sep 1998 Feb 2000	N5TJ N5TJ KG5U	148 141 122	137 111 60	96 80 22	381 332 204	52 46 47	19,812 15,272 9588	VE4 I VE4 I VE4 I		Sep 2003 Sep 2006	VE4/WBØO VE4XT	136 22	130 92	0 16	266 130	45 42	11,970 5460
CA H CA L CA Q	Feb 2003 Feb 2004 Feb 2002	W6EEN (N6RT) N6MJ K6III	150 106 122	147 158 27	81 77 4	378 341 153	54 50 48	20,412 17,050 7344	VE5 I	H L Q	Sep 2000 Feb 2003	VE5DX VE5SF	122 106	92 119	50 12	264 237		11,352 11,613
AK H AK L AK Q	Feb 2000 Sep 2007 Sep 2003	KL9A K6VVA/KL7 N6TR/KL7	139 68 1	63 30 0	0 18 0	202 116 1	47 34 1	9494 3944 1	VE6	H L Q	Feb 2000 Sep 1999	VE6EX VE6EX	117	64	14	228 195	43 46	9804 8970
AZ H AZ L AZ Q	Feb 2000 Feb 2002 Feb 2006	K6LL K7UAZ (N4OG\ KB7Q	178	144 87 2	42 23 28	364 236 73	50 45 21	18,200 10,620 1533	VE7 I VE7 I	H L Q	Feb 2000 Sep 2006	VA7RR VA7ST	151 62	128 46	37 49	316 157	48 39	15,168 6123
ID H ID L ID Q	Feb 2000 Feb 2001	W7ZRC W7UQ (KL9A)	123 144	107 88	44 44	274 276	45 48	12,330 13,248	VE8 I	H L Q	Feb 2000	VY1JA	36	0	0	36	22	792
MT H MT L MT Q	Feb 1996 Feb 1998 Sep 2007	AB7BG K7BG KB7Q	50 79 29	100 105 54	88 89 67	238 273 150	40 43 36	9520 11,739 5400	4U1 4U1	H L Q	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1610
NV H NV L NV Q	Feb 2000 Feb 2000 Feb 1999	K7BV KU7Y KU7Y	106 88 59	141 116 69	43 0 20	290 204 148	50 45 40	14,500 9180 5920	8P 8P	H L Q	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634
OR H OR L OR Q	Feb 2003 Feb 2003	N6TR K4XU	172 121	142 110	79 46	393 277		20,436 13,019	C6 I	H L Q	Feb 1999	C6AKP	15	4	2	21	14	294
UT H UT L	Sep 1991 Sep 1995	K6XO AH3C	128 59	93 91	42 65	263 215	38	11,572 8170	HH I	H L	Sep 1996	HH2AW	48	61	30	139	33	4587
WA H WA L	Feb 2003 Feb 2003 Feb 2003	NC7J W7WA K7RI (K7SS)	101 133 149	96 113 111	38 54 37	235 300 297	53	10,575 14,700 15,741	HI I	Q H L Q	Feb 1991	HI8DMX	0	40	0	40	19	2420
WA Q WY H WY L WY Q	Feb 2002 Sep 1999 Feb 2004 Feb 2003	K7RI (K7SS) K7KU (N2IC) KO7X WC7S	109 132 57 26	112 117 142 16	19 63 28 3	240 312 227 45	45 48 47 22	10,800 14,976 10,669 990	HP I	H L Q	Feb 2000	HP1AC	50	14	0	64	30	1920
MI H MI L	Feb 2003 Sep 2004 Sep 2004	N8EA N8EA	197 59 32	124 111 33	100 82 12	331 252 77		17,212 11,088 2079	J7 I J7 I	H L Q	Feb 2007	J79WI (W9WI)	11	74	2	87	34	2958
MI Q OH H OH L OH Q	Feb 2003 Sep 2003 Sep 2004	WA8REI K8MR K8NZ N8VW	72 78 43	128 114 86	109 93 50	309 285 179		16,068 13,110 7518	KP4 I KP4 I	H L Q	Feb 2004 Feb 2004	NP4Z K1ZZ/KP4	49 1	150 18	54 3	253 22	48 14	12,144 308
WV H WV L	Feb 2002 Sep 1998	N4ZR K3LR	69 62	100 93	117 64	286 219	48 39	13,728 8541	TG I	H L	Sep 2001	TG9/N5KO	150	0	0	150	42	6300
WV Q IL H IL L	Sep 2003 Sep 2003 Sep 2003	K5IID AG9A K9AA (K9PG)	49 130 112	52 162 119	42 73 59	143 365 290	34 52 48	4862 18,980 13,920	V4 I V4 I	Q H L	Feb 1996	V4ØZ (AA7VB)	0	21	33	54	23	1242
IL Q IN H IN L	Feb 1999 Sep 2003 Feb 2003	WO9S N9RV KJ9C	43 134 76	66 168 95	32 87 91	141 389 262		5781 20,617 12,576	VP2E I VP2E L	_	Feb 1996	VP2E/KJ4HN	2	66	0	68	30	2040
IN Q WI H WI L	Feb 2000 Feb 1999	K9AA (K9PG) K9AA (K9PG)	94 96	169 109	69 67	302 272	55	16,610 12,784	VP9 I	H L	Feb 1985 Sep 2005	W6OAT/VP9 WA4PGM/VP9	43 77	93 59	66 17	202 153	31 36	6262 5508
WI Q CO H CO L	Feb 2002 Feb 2003 Feb 2002	N9NE N2IC WØETT	69 154 122	66 151 86	21 84 15	156 389 223	40 52 46	6240 20,228 10,258	XE I	Q H L	Sep 1990 Sep 2003	XE2XA (WN4KK XF1K (N6AN)	N)134 113	127 85	44 39	305 237		14,335 11,139
CO Q IA H IA L	Sep 2005 Sep 2000 Sep 1998	NØSXX NØNI (AG9A) KØRX	30 126 70	72 136 84	8 89 73	110 331 227	34 43 43	3740 15,093 9761	ZF I	Q H L	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299
IA Q KS H	Sep 2006 Sep 2007 Sep 2004	akøm Wøbh	32 83 95	84 26 99 94	73 0 97 67	227 58 279 256	22 44	1276 12,276	9A I	Q H H	Sep 2000 Sep 1998	9A6XX CT1BOH	29 122	0 76	0 27	29 225	19 40	551 9000
KS Q MN H	Feb 2003	K3LR KØSR	98	127	83	308	50	10,496 15,400	DL I EA8 I	H H H	Feb 2006 Feb 1994 Sep 1990	DJ1YFK EA1AK/EA8 F/N6TR	0 15 100	30 21 78	12 0 18	42 36 196	21 21 38	882 756 7448
MN L MN Q MO H	Sep 2003 Sep 2002 Sep 1996	naøn Nøur K4VX (WX3N)	112 62 104	125 44 133	51 5 95	288 111 332	32	13,536 3552 15,272	G I HC8 I	H H H	Feb 2002 Feb 2000 Sep 1998	G4BUO HC8N (N5KO) IKØHBN	45 142 64	84 121 26	31 8 10	160 271 100	40 52	6400 14,092 3500
MO L MO Q	Feb 2002 Sep 2004	KAØGGI NJ4X	74 61	83 99	45 38	202 198	41 41	8282 8118	JA I KH6 I	H H H	Feb 1991 Sep 2006 Feb 2003	7J1AAI KH6/W6PH LU1FAM	13 77 74	0 52 18	0	13 129 92	35 9 40 35	117 5160 3220
ND H ND L ND Q	Feb 2002 Feb 1998	WBØO WØHSC (KBØC	124 0) 49	106 96	88 72	318 217	47 36	14,946 7812	LY I OH I	H H H	Sep 2000 Sep 1998 Sep 2007	LY4AA OH1NOA ON5ZO	107 56 1	56 0 10	0	163 56 11	35 38 22 9	6194 1232 99
NE H NE L NE Q	Feb 1991 Sep 2006 Feb 2003	KVØI WW2Y W8TM	82 59 0	62 102 116	60 61 0	204 222 116	34 45 41	6936 9990 4756	P4 I PY I UA9 I	H H H	Sep 2007 Sep 1980 Feb 2000	P4Ø/W2GD PY8ZPJ RUØSN	105 28 15	82 1 0	33 0 0	220 29 15	41 14 13	9020 406 195
SD H SD L SD Q	Feb 2003 Sep 2002	WDØT K7RE	115 51	124 37	108 2	347 90		16,309 2160	VK I ZD8 I	H H H H	Sep 2000 Sep 1994 Sep 1990 Feb 2000	UP6F VK5GN (N6AA) ZD8Z (N6TJ) ZS1ESC (N6AA)	13 48 116 51	0 0 93 0	0 0 19 0	13 48 228 51	10 22 43 18	130 1056 9804 918
VE1 H VE1 L	Feb 2004 Sep 2000 anuary/Fel	VO1AU VE9DX (K5NZ) bruary 2008	36 99 N	79 56 CJ	0 28	115 183	40 40	4600 7320	20 1	•	. 55 2000	_01_00 (NOAA)		J	J	01	10	310

Overall Scores

K5ZD R K1KI TI N1LI P W1WEF JJ N4CW B W1EBI G N1YC *F WA1Z B W1FJ *J W1JQ *N N2NT P K2TOP P W2RQ P N2RQ P NP3D */	Jame RANDY OM PHIL ACK SERT SEO PHIL OB AL MIKE PHIL PHIL PHIL HIL PHIL PHIL PHIL PHIL	QTH MA CT ME CT MA CT NH MA CT NJ NJ NY NY	20 104 118 102 101 73 57 43 61 14 28 112 96 92 72 27 54	40 142 126 115 112 94 861 65 30 39 137 124 107 90 24	80 95 83 69 70 52 53 41 26 36 0 95 83 93 79 18	QSO 1341 327 286 283 219 208 145 152 80 67 344 303 292 241 69 71	Mults 46 45 45 43 42 40 37 36 24 44 45 44 45 30 27	Score 15,686 14,715 12,870 12,169 9198 8736 5800 5624 2880 1608 15,136 13,635 12,848 10,604 2070 1917	Team YCCC #1 FRC #1 FRC #2 FRC #2 YCCC #1 FRC #1 FRC #1 FRC #1	Call Sign W6CT K6LRN AD6E W6SJ N6NF N3ZZ K6OWL N6WG K6TA NE6I KD4HXT KA3DRR K6EY W6RK K6CSL N6EE W6RKC	Name SCOTT PHIL AL *RANDY *TOM TOM MARK **BOB PHIL *DENNIS **DAVE *SCOT *BECKY *RISTO *BERT *RON *RICK	QTH CA CA CA CA CA CA CA CA CA CA CA CA CA	20 95 69 70 42 43 55 15 29 48 49 32 13 9 4	40 90 60 77 58 63 42 50 26 12 0 14 17 0 19 3 7	80 26 25 0 34 0 0 25 16 0 0 11 0 8 4 8	QSO 211 154 147 134 106 97 90 46 41 28 22 24 20 12	Mults 39 42 41 38 34 33 34 28 27 18 18 17 15	Score 8229 6468 6027 5092 3604 3201 3060 1988 1680 1323 1242 738 504 374 360 260 48	Team NCCC #2 NCCC #3 SCCC #1 NCCC #2 NCCC #3 SCCC #2 NCCC #2 NCCC #3 SCCC #2 NCCC #2 NCCC #3
AA3B B K3UA P K3WW C K3LR P N3AD A N8NA ** K3MJW D K3STX P	BUD PHIL CHAS PHIL KARL OOC PAUL KEITH	PA PA PA PA DE PA MD PA	93 58 83 71 55 67 31 40	136 139 115 90 79 105 56 71 60	74 80 85 63 77 57 59 66 38	303 277 283 236 227 217 182 168 138	44 45 42 46 42 38 40 38 36	13,332 12,465 11,886 10,856 9534 8246 7280 6384 4968	FRC #2 MRRC/NCC FRC #1 MRRC/NCC FRC #1 FRC #1 PVRC	N6TR N7FO KO7AA NØAX K7SS KY7M K7RL N7CW W7WHY N9RV	PHIL PHIL BILL PHIL *DAN LEE ED *BUD TOM PAT	OR AZ AZ WA WA AZ WA AZ OR MT	122 95 113 91 75 90 73 83 63 90	142 109 109 127 116 91 106 107 86 114	87 81 55 56 67 67 67 48 58	351 285 277 274 258 248 246 238 207 204	46 47	15,444 13,110 13,019 11,782 11,352 11,160 10,578 9758 8694 8568	PhilHarmonic Jackelope Jackelope PhilHarmonic PhilHarmonic Jackelope PhilHarmonic Jackelope MRRC/NCC
N4AF P K4BAI JU W4OC D NA4K S K4RO P N4OX J KU8E P K2SX D K7SV *1 N4DW D	COTT PHIL OHN OON STEVE PHIL AY PHIL DENNIS LARRY DAVE	TN NC GA SC TN TN FL GA SC VA TN	95 99 113 102 92 62 100 71 75 73 62	120 110 108 116 98 102 103 76 73	93 104 92 99 85 115 72 76 69 77	336 334 325 311 285 293 270 249 247 226 210	46 45 46 45 43 44 43 42 41	15,456 15,030 14,625 14,306 12,825 12,599 11,880 10,707 10,374 9266 8820	SSC PVRC SSC SSC SSC SSC SSC PVRC	W7ZRC NG7Z KL7RA K7WA K6VVA/KL KO7X K7WP W6NF K5RC N6TW N7EIE	*ROD *PAUL RICH *JIM 7*PHIL *AL *JOHN *PHIL TOM PHIL *LEROY	ID WA AK WA AK WY AZ NV NV OR WA	41 58 72 41 68 81 53 18 0 15	83 69 61 68 30 37 26 38 49 24 0	41 24 5 18 18 0 13 25 22 21 14	165 151 138 127 116 118 92 81 71 60 29	38 41 34 34 32 31 32 33 24 19	6270 6191 4692 4318 3944 3776 2852 2592 2343 1440 551	PhilHarmonic MRRC/NCC PhilHarmonic Mountaineers Jackelope NCCC #2 NCCC #3
K1ZZI R K4MX *. N5VI *\ N4GG H WA4PGM ** K4GMH M NA4BW **	ED RALPH JERI VAN IAL *PHIL MIKE *BRIAN PHIL	VA GA VA GA VA VA GA NM TX	50 45 30 40 23 38 28 24	78 88 93 85 68 54 58 38	72 58 63 40 64 50 32 38 77 100	200 191 186 165 155 142 118 100 354 346	41 40 41 38 35 36 37 34 44 44	8200 7640 7626 6270 5425 5112 4366 3400 15,576 15,224	PVRC SSC Mountaineers	KW8N N8EA N4ZR K8BB W1NN K8MR AJ1M K8MM W8UE K8WDN	BOB JOE PETE DON *HAL JIM JAY *IAN *TED *JOHN	OH MI WV MI OH OH WV MI MI OH	70 58 56 55 37 52 13 6 17	101 115 102 98 80 65 69 69 77 51	90 95 77 76 70 62 67 71 28 0	261 268 235 229 187 179 149 146 122 51	45 42 44 42 42 39 39 39 40 25	11,745 11,256 10,340 9618 7854 6981 5811 5694 4880 1275	MRRC/NCC PVRC MRRC/NCC PVRC
N4OGW TH N5OT P W5KFT P K5NZ M K5OT P K5WA B K25D A K5KA P W5WMU P K5GO *5 N5DX * W5ZL * K5XR JU N5DX * K5XR JU N5C * K5XR JU N55K * K5XR NO5W * C	OR PHIL PHIL PHIL BIRE BIRT PHIL BIRT STAN KEVIN PHIL JIM GARY OE PHIL CHUCK	MSK TXX TX LAK LTX ARM TXX TXM TX ARM TXX TXM TX	104 113 117 117 114 116 101 86 103	132 146 121 123 109 111 110 120 101 110 82 113 101 85 98 82 97 96	92 92 57 75 60 59 65 58 78 68 59 62 27 30 37	342 342 326 297 305 295 287 271 259 262 259 256 252 237 205 203 192	43 46 43 44 45 46 45 45	13,224 14,706 14,018 13,612 13,115 12,980 12,915 12,915 12,195 11,655 11,525 11,525 11,396 10,496 10,392 9954 9020 8526 8064 7308	Dashers Dashers Dashers Dashers Dashers Dashers Dashers Ditters Ditters Ditters Ditters Ditters	Wass Ware Kanw Nack Kaafox Wtau Wigwi Kjac Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nafo Kagu Nago Nago Nago Nago Nago Nago Nago Nago	*EARL *JIM MIKE MIKE STEVE *SCOTT JIM BRIE *MEL *GARY *BOB JOHN *JERRY *PAT *BUD *HOWIE ZIG	MI NIN WIN WIN ILLIN IN WIN IN WIN IN WIN ILLIN IN WIN ILLIN IN WIN W	15 0 101 93 80 77 69 67 53 63 24 9 29 61 14 0	17 17 126 127 116 104	0 0 105 100	332 320 320 320 3255 241 222 196 162 90 94 50 39 24 4	21 13 44 43 44	14,608 13,760 13,244 11,572 10,710 10,604 880 8428 6642 3060 3008 1150 702 456 16	Ain't Easy #1 MRRC/NCC Ain't Easy #1 Ain't Easy #2 Ain't Easy #1 Ain't Easy #2 Ain't Easy #2 Ain't Easy #2 Ain't Easy #2
KC5R *** K5UV ** AC5AA *I N5ER ** W6YI P N6TV P K6LA K N6RO P N6AN P W6YX M	*AL MIKE DUANE JOHN PHIL EN PHIL PHIL	LA OK TX AR CA CA CA CA CA CA	95 60 60 24 134 125 116 125 85 113	66 66 34 32 137 123 127 105 125 113	17 23 14 23 91 79 65 72 79 71	178 149 108 79 362 327 308 302 289 297	39 35 36 27 44 45 47 45 47	6942 5215 3888 2133 15,928 14,715 14,476 13,590 13,583 13,365	Ditters SCCC #1 NCCC #1 SCCC #1 NCCC #1 NCCC #1 NCCC #1	WØBH KU1CW NAØN KØOU WØETT WW2Y NØLY KØUK KEØG NØAT K4IU	BOB ALEX *PAT STEVE *KEN *PETER **JON *BILL **DAN *RON FRED	KS MO MN MO CO NE MO CO MN MN	83 85 77 58 70 65 43 34 33 12 32	99 132 105 117 117 80 63 45 46 34 25	97 66 61 60 34 75 13 21 20 33 17	279 283 243 235 221 220 119 100 99 79 74	44 43 44	12,276 12,169 10,692 10,105 9282 7700 3570 3400 3267 2607 1924	Dashers Dashers MWA Ain't Easy #1 Mountaineers FRC #1 Mountaineers MWA
W6EEN P K6NA P N6XI R AE6Y A KF6T JJ N6VR R AC6T S K6RB R W6RGG B W6EU JJ W6SX H	PHIL PHIL PHIL PHIL RICK NDY ACK RAY STEVE ROB SOB SIM HANK IM	CA CA CA CA CA CA CA CA CA CA	123 101 113 96 111 89 99 100 96 99 54 51 86	116 129 97 117 117 102 102 97 92 98 107 102 79	80 57 78 65 53 68 51 57 70 67 63 69 49	319 287 288 278 281 259 252 254 258 264 224 222 214	41 45 44 41 43 44 43 42 40 42 42 39	13,079 12,915 12,672 12,232 11,521 11,137 11,088 10,922 10,836 10,560 9408 9324 8346	NCCC #1 SCCC #1 NCCC #1 NCCC #1 NCCC #1 NCCC #1 SCCC #1 SCCC #1 NCCC #1 NCCC #1 NCCC #1 NCCC #1 NCCC #2	VE3DZ VA7ST VA3NR VA3ATT VE3KI VE3RCN P4Ø/W2GE ON5ZO *Low powe	*YURI BUD CHRIS *JACK *RICH *KEVIN) JOHN ZEP	VE3 VE7 VE3 VE3 VE3 VE3 VE3 ON	50 64 44 24 15 4 105	124 116 111 69 25 14 82	79 48 68 0 30 3 3 33 0	253 228 223 93 70 21 220		11,385 10,032 9143 2976 2100 336 9020 99	CCO CCO CCO CCO FRC #2
										**QRP									NCJ