

Results: North American Sprint CW — February 2015

The 76th running of the CW Sprint took place on the first Saturday in February. Dave, K1HT, has been a strong supporter of the Sprints for many years, but he has been unable to participate for a few years due to conflicts. It was great to hear him back in the pileups. One interesting observation he made was that he logged five different stations from Montana. The reason for this was very simple. For the past couple of years, a team of Montana stations has been formed, making working Montana more likely than working Washington in the CW Sprint.

This illustrates an important point about activity levels in this contest. The correlation between the number of teams and participants is obvious. It takes little effort to form a team and encourage the members to get on the radio for four hours. If you feel the contest needs more activity, then the best way to help is to sponsor a new team.

At least 221 stations were active during the contest that were worked by at least two different stations. This is exactly the same number as last February, but down from the 290 stations we had in February 2013. A total of 160 logs were received — right in line with the recent events.

High Power

Trey, N5KO, was able to pilot the W6NL mountaintop station to his fifth victory. Second place went to Steve, N2IC. Once again, extra multipliers had a significant impact on the outcome. Trey's margin of victory looks pretty significant, with 900 more points than Steve's score, but N2IC actually managed five more QSOs. Third place went to Pat, N9RV, who kept his rate above 80 for each of the 4 hours. Eric, NO3M, led the East Coast scores for 4th place. Starting with N6TV's 5th place score, a tight cluster of scores from all around the country are represented. Congratulations to K5ZD, W9RE, N2NT, K5GA (at NR5M), and AG9A (at NØNI) on making the Top 10 box.

N2IC has reached a milestone in Top 10 finishes with his 50th showing. Steve's first showing was in the February 1982 CW Sprint, when he placed 6th. Many of the call signs in the Top 10 were also contenders in this event, including two others who made the Top 10 in both.

In the "one radio" category of 12 or fewer band changes, Dan, K1TO, led the pack,

followed closely by Tim, K3LR, and Bob, K6XX. There are many who feel this is how the Sprint should be operated without having 100 odd band changes. It certainly captures how the event was operated for years before computer assistance became widespread.

Low Power

The competition for the Top 10 in the Low Power category is perhaps more intense than it is for the High Power folks. Todd, WDØT, made a big splash, jumping into the Low Power pool and edging out Low Power veteran Steve, N9CK, to take top honors. The difference between their scores was less than one multiplier, or about 6 contacts. Todd also managed to break 300 QSOs, always a great accomplishment barefoot.

Ron, NØAT, was not far behind and came in 3rd place, with Jay, W1UJ, right behind him. The score difference between first and fourth place was about 16 contacts. The rest of the pack was closely grouped, with about 7 QSOs making the difference between 10th and 5th place. Your South Carolina multiplier, W4OC, came in 5th, followed closely by NAØN, K9AA (K9PG), N7CW, K1HT and NØAX.

QRP

A total of eight souls braved the Sprint with only 5 W. Kennan piloted N4RV to an impressive score of more than 10,000 points to take 1st place. Making 243 QSOs barefoot is an amazing accomplishment. It's interesting to see that his rate actually got better after the contest had started. He was probably just not able to win many "jump balls," when all of the big guns were busy working each other.

Second place went to Mike, K8CN, operating from New Hampshire, followed closely by Bill, KØUK from Colorado. Cedrick, WT2P, returned for his second CW Sprint, improving on his previous QRP score making more than five times the number of contacts as he did in September. NN7SS (K6UFO op), WA8HSB, N8XX, and N7RCS finished out the QRP scores.

Team Competition

The top team score once again was put together by the Ad Hoc team. The second place team — once again — was the Northern California Contest Club Team #1,

with scores all from Northern California. The 3rd and 4th place teams from September did swap places, and the Dallas-Fort Worth team came in 3rd, ahead of the NCC/MRRC East team. The NCC/MRRC West team came in 5th place.

Many thanks to those who organized a team and, of course, to the operators who got on to support their teams. You can see how it impacts activity by looking at the scores. Areas like California, where a lot of effort goes into organizing teams, see only a few scores from operators who are not on a team. Clearly, if you are concerned about the activity level in the CW Sprint and would like to see more stations active, the best way to do this is to organize a team or two.

Golden Logs

Due to the high level of scrutiny each log undergoes, it is not easy to end up with a perfect log with no deductions. Congratulations to Steve, N2IC, who had the highest QSO total in the contest *and* had none of them removed. Other stations logging more than 300 contacts without any red ink include N9RV, N2NC, and N6AA. N9CK and N8EA had nearly 300 QSOs and perfect logs, followed by WQ5L and W6SX with more than 200 contacts. Regardless of how competitive your score is, making the Golden Log box is something anyone can aim for. It just takes discipline to make sure all of the data you enter is correct.

Records

Last September, Mike, K8CN, set the QRP record in New Hampshire. Perhaps Mike learned a few tricks or improved his antennas, because he nearly quadrupled his score this time around to set a new New Hampshire QRP record. Another QRP record was set in Alabama by John, WA8HSB. The QRP winning score by KE3X improved upon Ken's record from last February for Virginia and came close to the all-time QRP record held by K7SS. Todd, WDØT, took ownership of the Low Power record in South Dakota to match his High Power one. Perhaps Todd will go for the QRP record next time. Kevin, N5DX, operating at ZF2DX, put many smiles on the faces of the deserving while setting a new Low Power record from the Cayman Islands.

New records are shown in bold in both the score listing and the records themselves.

Next Time

The next CW Sprint will take place on September 13 UTC.

Soapbox

Operating from my father's station, paper log and all hand sent. It was quite a bit more work to keep up and send without significant errors. — AA8YS (N8NA op)

First time over 300 since 2007! — AE6Y
Hard on 40 with FOC, RTTY contests!

Some NA I called ignored my reply! I thought CW would be more fun! Will come back! — F1AKK

Because of conflicts I had been away from the Sprint since September 2011. I was glad to dive back into my favorite contest and hear familiar call signs and many new ones. I never heard several mults that were easy in the past. On the other hand, I was surprised to work *five* stations in MT! I hope my being out of practice didn't produce too many errors. — K1HT

Borrowed YCCC SO2R box and plugged it in with just a minute to spare. First QSO ever using the box was #1 in the Sprint.

Worked great! Thanks, K1XM. — K5ZD

EROS — Greek God of Love — K9GY
High noise on 80 here, and forgot to be on at 0000 — KJ9C

Just couldn't get into the flow tonight. Lots of noise on 40 and 80. Never heard lots of W1s or VE5 this time. Finally grabbed WV for new mult on the last QSO. There's next time, isn't there? — KV8Q

This was lots of fun. The Thursday NS sure helps a part-time contester like me. But did not do well with mults. — KW8N

The first hour turned me into a newt, but I got better. — NØAX

Missed almost an hour chasing K1N/Navassa on 6 meters. — N4PN

My first CW Sprint. Thanks for all the fills! Conditions seemed pretty good; lots of West Coast worked on 80. Thanks to N4WW and Sandi for putting up with me again. — N4WW

Many thanks to N6BT for replacing the insulators on my 26-year-old Hy-Gain 40 meter beam just hours before the contest started! Otherwise I would have been limited to just 600 W or so on 40. — N6TV

A great start, then the CW stuttering started. Sorry if you had to wait while I canceled and resent, or finished by hand. Then the logger lost rig control and didn't log the frequency. I held out for 90 minutes, then time to stop, reboot and restart everything. Still there. Got frustrated enough to finally quit. — NN7SS

Holy smoke! I'm not QRQ enough for this contest! — VE3VSM

Missed at least 30 minutes due to Internet connection problems. Remote from Tokyo. — W1NN

After a very long day, could barely stay awake for this one. Sorry for the dupes, etc. Looking forward to the next Sprint. — W2RQ

Good conditions and good activity make for a great 4 hours. — W9RE

Top 10 Scores

Call Sign	Score	Bnd Chg	Qs Lost	00Z	01Z	02Z	03Z
N5KO	18,000	172	6	106	102	91	76
N2IC	17,100	176	0	118	99	78	85
N9RV	16,470	138	0	105	96	83	82
NO3M	16,200	174	8	109	97	81	73
N6TV	15,400	94	1	113	86	76	75
K5ZD	15,345	64	4	94	94	78	75
W9RE	15,255	133	4	91	83	94	71
N2NT	15,136	62	4	104	87	78	75
NR5M	15,088	80	5	93	83	72	80
NØNI	14,872	84	5	82	79	77	100

Top 10 High Power (Max 12 Band Changes)

Call Sign	Score	Bnd Chg	Qs Lost	00Z	01Z	02Z	03Z
K1TO	14,835	3	1	102	95	81	67
K3LR	14,580	9	4	89	78	75	82
K6XX	13,772	12	7	95	74	67	77
K4BAI	13,596	2	2	93	89	56	71
K9NW	13,545	7	1	82	80	81	72
N6AA	13,545	2	0	98	68	72	77
K1AR	13,376	4	5	89	77	61	77
K5OT	13,072	2	5	88	70	68	78
N8EA	13,068	2	0	84	84	74	55
K6LL	12,857	2	3	92	68	65	74

Top 10 QSOs

N2IC	380
N5KO	375
N9RV	366
NO3M	360
N6TV	350
K1TO	345
N2NT	344
K5ZD	341
W9RE	339
NØNI	338

Top 10

Low Power

WDØT	13,330
N9CK	13,112
NØAT	12,834
W1UJ	12,643
W4OC	11,931
NAØN	11,868
K9AA	11,792
N7CW	11,676
K1HT	11,653
NØAX	11,634

Golden Logs

N2IC	380
N9RV	366
N2NC	333
N6AA	315
N9CK	298
N8EA	297
WQ5L	269
W6SX	216
N5TOO	145
VE5MX	114
K6NA	65
W4AU	28
K8NZ	21

Top 10 Band Changes

N2IC	176
NO3M	174
N5KO	172
N3BB	148
N4AF	142
N9RV	138
W9RE	133
K5WA	132
K4RO	130
N5RZ	129

Top Multiplier

Totals

N5KO	48
W1UJ	47
AE6Y	46
NØAT	46
N6RT	46
NR5M	46

Top 10 QRP

KE3X	10,449
K8CN	4,788
KØUK	4,445
WT2P	3,045
NN7SS	2,442
WA8HSB	931
N8XX	888
N7RCS	288

All-Time CW Sprint Records

Category	Total	Call Sign	Date
Highest multiplier	55	K9AA (K9PG)	Feb 2000
Highest QSO total	428	N6TR/7	Feb 2005
Highest score	21,816	K4AAA (W4AN)	Sep 2003
Highest team score	163,373	SCCC #1	Feb 2002
Highest Low Power	17,050	N6MJ (@W6KP)	Feb 2004
Highest QRP	10,800	K7RI (K7SS)	Feb 2002
Logs received	227		Feb 2004
Number golden logs	18		Feb 2008
Number logs with 300 QSOs	52		Feb 2003

Team Scores

1. Ad Hoc

N2IC	17,100
W9RE	15,255
K4RO	14,715
AA3B	14,535
N3BB	14,319
N4OGW	14,319
WDØT	13,330
N9CK	13,112
N4AF	12,556
W4OC	11,931
Total	141,172

3. DFW #1

NR5M	15,088
N5RZ	14,362
K5OT	13,072
W5KFT	12,980
K5WA	12,978
K5RT	12,218
KZ5D	11,484
WQ5L	11,029
N5DO	10,248
N5QQ	7,942
Total	121,401

2. NCCC #1

N5KO	18,000
N6TV	15,400
W6YX	14,168
AE6Y	14,076
K6XX	13,772
N6RO	13,717
K7GK	12,306
N3ZZ	11,120
AJ6V	10,906
K6SRZ	10,250
Total	133,715

4. NCC/MRRC East

NO3M	16,200
K3LR	14,580
K1AR	13,376
NW2K	11,508
KU8E	10,912
K3UA	10,122
ND8L	8,568
W8WTS	7,254
NP4G	2,910
Total	95,430

5. NCC/MRRC West

6. SSC

7. FRC

8. SCCC #1

9. Outlaws

10. NCCC #2

11. PVRC #1

12. Montana

13. SMC CUPID

14. Oregon Slugs

15. GM Rocky

16. DFW #2

17. GCG #1

KW8N, K9NW, NØAX, K8MM, W1NN, W8CAR, NA8V, N8SS, KL7RA, N8XX	88,121
K4BAI, K8MR, KØEJ, K1GU, NP2X, AA4CF, N4WW, N2NL, W4UX	83,598
N2NT, N2NC, N3DXX, W2RQ, K3MD, WQ2N	66,409
N6RT, N6AA, K6LA, W4EF, K6ZH, K6NA	63,430
K6LL, N6VR, N7CW, KO7AA, W9CF, AA7V	61,355
K9YC, N6ZFO, W6RGG, W6CT, W6SX, KZ2V	58,656
K3TN, N3QE, K7SV, KE3X, K3KU, N4CF	56,940
N9RV, K7BG, KJ9C, KE7X, KØSN	50,797
NØNI, K9AA, WI9WI, K9ZO, WT2P, K9GY	44,162
VA7AAA, W7WHY, K2PO, WS7L, N7VS	42,044
KØEU, KØRF, WØETT, KØUK	39,861
N5NU, KG5U, K5CI, N5XZ	32,252
N4PN, N5TOO	15,450

Guest Ops

AA8YS (N8NA)

K5OT (@K5TR)

K5RT (NM5M)

K7GK (@W6JZH)

K9AA (K9PG)

KE3X (@N4RV)

KZ2V (@NW6P)

N0NI (AG9A)

N2NC (@N2NT)

N4WW (WF3C)

N5KO (@W6NL)

N6RT (@N6WIN)

NN7SS (K6UFO)

NR5M (K5GA)

VA7AAA (N6TR)

W5KFT (K5PI)

W6CT (@K6EU)

W6YX (N7MH)

Single Operator Summary

Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Chg	Team	Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Chg	Team
K5ZD	RANDY	MA	119	125	97	341	45	15,345	64		KE3X	**KEN	VA	88	83	72	243	43	10,449	8	PVRC #1
K1AR	JOHN	NH	116	121	67	304	44	13,376	4	NCC/MRRC East	N4PN	PAUL	GA	79	97	58	234	40	9,360	2	GCG #1
W1UJ	*JAY	MA	106	91	72	269	47	12,643	83		AA4CF	CHAS	GA	57	70	72	199	42	8,358	3	SSC
K1HT	*DAVE	MA	105	103	63	271	43	11,653	3		N4CW	BERT	NC	37	71	71	179	39	6,981	2	
W1WEF	JACK	MA	96	54	3	153	38	5,814	2		N5TOO	*VAN	GA	58	36	51	145	42	6,090	5	GCG #1
K8CN	**MIKE	NH	50	65	18	133	36	4,788	10		N4WW	DOC	FL	41	69	59	169	36	6,084	4	SSC
N2NC	JOHN	NJ	114	119	100	333	44	14,652	86	FRC	N2NL	DAVE	FL	88	25	0	113	37	4,181	1	SSC
NW2K	DEAN	NY	95	100	79	274	42	11,508	28	NCC/MRRC East	W4UX	*JIM	NC	9	42	49	100	34	3,400	6	SSC
W2LC	SCOTT	NY	93	98	73	264	42	11,088	2		N4CF	*MIKE	VA	23	28	48	99	34	3,366	5	PVRC #1
W2RQ	BILL	NJ	64	76	83	223	41	9,143	6	FRC	WA8HSB**JOHN	AL	25	24	0	49	19	931	1		
WQ2N	*PAUL	NJ	64	75	51	190	37	7,030	2	FRC	W4AU	*JOHN	VA	0	14	14	28	21	588	5	
NO3M	TY	PA	119	135	106	360	45	16,200	174	NCC/MRRC East	N4DW	*DAVE	TN	0	0	22	22	17	374	0	
K3LR	TIM	PA	93	123	108	324	45	14,580	9	NCC/MRRC East	N2IC	STEVE	NM	144	138	98	380	45	17,100	176	Ad Hoc
AA3B	BUD	PA	111	123	89	323	45	14,535	118	Ad Hoc	NR5M	GEO	TX	117	115	96	328	46	15,088	80	DFW #1
K3TN	JOHN	MD	91	93	100	284	42	11,928	2	PVRC #1	N5RZ	GATOR	TX	108	124	102	334	43	14,362	129	DFW #1
N3QE	TIM	MD	90	104	96	290	41	11,890	6	PVRC #1	N3BB	JIM	TX	126	118	89	333	43	14,319	148	Ad Hoc
N3DXX	ART	DE	85	106	86	277	42	11,634	8	FRC	N4OGW	TOR	MS	96	134	103	333	43	14,319	109	Ad Hoc
K3UA	*PHIL	PA	78	88	75	241	42	10,122	2	NCC/MRRC East	K5OT	LARRY	TX	107	107	90	304	43	13,072	2	DFW #1
K3MD	JOHN	PA	71	81	74	226	39	8,814	2	FRC	W5KFT	ROB	TX	107	117	71	295	44	12,980	96	DFW #1
K3KU	*ART	MD	66	85	52	203	43	8,729	12	PVRC #1	K5WA	BOB	TX	107	115	87	309	42	12,978	132	DFW #1
NS3T	*TED	MD	22	4	0	26	14	364	6		N5NU	JAY	TX	110	99	92	301	42	12,642	2	DFW #2
N2NT	ANDY	FL	123	130	91	344	44	15,136	62	FRC	K5RT	PAUL	TX	106	104	88	298	41	12,218	2	DFW #1
K1TO	DAN	FL	125	124	96	345	43	14,835	3		KZ5D	ART	LA	87	96	78	261	44	11,484	40	DFW #1
K4RO	KIRK	TN	93	131	103	327	45	14,715	130	Ad Hoc	WQ5L	*RAY	MS	93	106	70	269	41	11,029	2	DFW #1
K4BAI	JOHN	GA	113	114	82	309	44	13,596	2	SSC	N5DO	*DAVE	TX	92	98	54	244	42	10,248	11	DFW #1
K8MR	JIM	FL	114	116	71	301	45	13,545	14	SSC	KG5U	*DALE	TX	67	83	72	222	39	8,658	3	DFW #2
N4AF	AL	NC	86	110	96	292	43	12,556	142	Ad Hoc	N5QQ	RON	TX	79	81	49	209	38	7,942	5	DFW #1
W4NZ	TED	TN	87	116	80	283	44	12,452	30		K5CI	LEO	TX	79	67	51	197	40	7,880	2	DFW #2
KØEJ	MARK	TN	78	107	103	288	43	12,384	3	SSC	N5TJ	JEFF	TX	69	107	0	176	43	7,568	3	
W4OC	*DON	SC	99	103	89	291	41	11,931	55	Ad Hoc	W5WMU	PAT	LA	70	71	45	186	38	7,068	2	
K1GU	NED	TN	82	88	95	265	42	11,130	2	SSC	AA5B	*BRUCE	NM	86	26	0	112	34	3,808	1	
KU8E	*JEFF	GA	76	100	72	248	44	10,912	82	NCC/MRRC East	N5XZ	ALLEN	TX	49	47	0	96	32	3,072	2	DFW #2
K7SV	*LAR	VA	56	105	97	258	41	10,578	4	PVRC #1	N5KO	TREY	CA	139	143	93	375	48	18,000	172	NCCC #1
											N6TV	BOB	CA	132	135	83	350	44	15,400	94	NCCC #1
											W6YX	MIKE	CA	136	105	81	322	44	14,168	25	NCCC #1
											N6RT	DOUG	CA	125	116	66	307	46	14,122	17	SSCC #1
											AE6Y	ANDY	CA	131	119	56	306	46	14,076	87	NCCC #1
											K6XX	BOB	CA	118	110	85	313	44	13,772	12	NCCC #1
											N6RO	KEN	CA	119	114	86	319	43	13,717	72	NCCC #1
											N6AA	DICK	CA	132	106	77	315	43	13,545	2	SSCC #1

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score
DE	H	Sep 1989	KN5H	98	102	72	272	46	12,512	AZ	Q	Feb 2014	N7CW	69	93	56	218	48	10,464
DE	L	Sep 2008	N8NA	46	135	80	261	47	12,267	ID	H	Feb 2000	W7ZRC	123	107	44	274	45	12,330
DE	Q	Sep 2009	N8NA	21	98	64	183	44	8,052	ID	L	Feb 2001	W7UQ (KL9A)	144	88	44	276	48	13,248
MD	H	Sep 1989	W3LPL	120	110	80	310	47	14,570	ID	Q	Feb 2013	W7ZRC	65	84	38	187	41	7,667
MD	L	Sep 2013	N3QE	73	105	68	246	43	10,578	MT	H	Feb 2014	N9RV	121	146	96	363	52	18,876
MD	Q	Feb 2013	KE3X	52	29	60	141	40	5,640	MT	L	Feb 2013	K7BG	102	119	85	306	45	13,770
PA	H	Feb 2014	AA3B	88	132	108	328	51	16,562	MT	Q	Sep 2009	KB7Q	35	71	56	162	38	6,156
PA	L	Sep 2013	K3UA	75	103	79	257	43	11,051	NV	H	Feb 2000	K7BV	106	141	43	290	50	14,500
PA	Q	Sep 2007	K3MJW	7	27	49	83	27	2,241	NV	L	Feb 2000	KU7Y	88	116	0	204	45	9,180
AL	H	Feb 2004	K4NO	115	98	67	280	48	13,440	NV	Q	Feb 1999	KU7Y	59	69	20	148	40	5,920
AL	L	Sep 2003	K4IQJ	70	89	60	219	44	9,636	OR	H	Feb 2003	N6TR	172	142	79	393	52	20,436
AL	Q	Feb 2015	WA8HSB	25	24	0	49	19	931	OR	L	Feb 2003	K4XU	121	110	46	277	47	13,019
FL	H	Feb 2003	N2NL	151	139	67	357	55	19,635	OR	Q	Sep 2011	W7YAQ	69	50	29	148	40	5,920
FL	L	Sep 2003	KØLUZ	118	132	0	250	47	11,750	UT	H	Sep 1991	K6XO	128	93	42	263	44	11,572
FL	Q	Sep 1999	N4BP	119	51	0	170	34	5,780	UT	L	Sep 1995	AH3C	59	91	65	215	38	8,170
GA	H	Sep 2003	K4AAA (W4AN)	146	170	88	404	54	21,816	UT	Q	Feb 2003	NC7J	101	96	38	235	45	10,575
GA	L	Feb 2003	KU8E	42	124	81	247	48	11,856	WA	H	Feb 2003	W7WA	133	113	54	300	49	14,700
GA	Q	Sep 2009	NA4BW	6	65	55	126	38	4,788	WA	L	Feb 2003	K7RI (K7SS)	149	111	37	297	53	15,741
KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364	WA	Q	Feb 2002	K7RI (K7SS)	109	112	19	240	45	10,800
KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430	WY	H	Sep 1999	K7KU (N2IC)	132	117	63	312	48	14,976
KY	Q	Sep 2011	KU4A	4	0	0	4	3	12	WY	L	Feb 2004	KO7X	57	142	28	227	47	10,669
NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758	WY	Q	Sep 2008	KB7Q	1	78	8	87	29	2,523
NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935	MI	H	Feb 2003	N8EA	197	124	100	331	52	17,212
NC	Q	Feb 2010	AA4XX	28	25	64	117	33	3,861	MI	L	Feb 2014	N8EA	74	90	98	262	46	12,052
SC	H	Sep 2008	W4OC	80	110	97	287	48	13,776	MI	Q	Sep 2009	N8EA	28	68	74	170	43	7,310
SC	L	Sep 2003	W4OC	87	92	116	295	50	14,750	OH	H	Feb 2003	K8MR	72	128	109	309	52	16,068
SC	Q	Feb 2013	KX9X	6	27	5	38	22	836	OH	L	Feb 2014	W1NN	79	100	96	275	48	13,200
TN	H	Sep 2003	W4PA	134	163	96	393	51	20,043	OH	Q	Sep 2004	N8VW	43	86	50	179	42	7,518
TN	L	Sep 2003	K4AMC	77	127	66	270	47	12,690	WV	H	Feb 2002	N4ZR	69	100	117	286	48	13,728
TN	Q	Sep 2013	NA4K	87	71	49	207	43	8,901	WV	L	Sep 1998	K3LR	62	93	64	219	39	8,541
VA	H	Sep 1989	KT3Y	95	122	79	296	48	14,208	WV	Q	Sep 2003	K5IID	49	52	42	143	34	4,862
VA	L	Feb 2003	K7SV	84	101	115	300	52	15,600	IL	H	Sep 2003	AG9A	130	162	73	365	52	18,980
VA	Q	Feb 2015	KE3X	88	83	72	248	44	10,449	IL	L	Sep 2003	K9AA (K9PG)	112	119	59	290	48	13,920
AR	H	Sep 2009	N5DX	61	150	102	313	47	14,711	IL	Q	Feb 1999	WO9S	43	66	32	141	41	5,781
AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396	IN	H	Sep 2003	N9RV	134	168	87	389	53	20,617
AR	Q	Sep 2009	N5ER	14	15	16	45	23	1,035	IN	L	Feb 2003	KJ9C	76	95	91	262	48	12,576
LA	H	Feb 1995	W5WJU (K5GA)	105	115	86	306	48	14,688	IN	Q	Feb 2008	WT9U	38	16	75	129	38	4,902
LA	L	Feb 2004	W5EKF	43	67	18	128	40	5,120	WI	H	Feb 2000	K9AA (K9PG)	94	169	69	302	55	16,610
LA	Q	Sep 2007	KC5R	95	66	17	178	39	6,942	WI	L	Feb 2008	N9CK	70	126	115	311	48	14,928
MS	H	Sep 2008	N4OGW	90	139	110	339	50	16,950	WI	Q	Feb 2012	KA9FOX	66	90	73	229	45	10,305
MS	L	Sep 2012	N4OGW	76	123	105	304	46	13,984	CO	H	Feb 2003	N2IC	154	151	84	389	52	20,228
MS	Q	Feb 2002	WA2NYR	30	16	0	46	26	1,196	CO	L	Feb 2008	KØEU	62	115	99	276	42	11,592
NM	H	Feb 2013	N2IC	133	167	109	409	48	19,632	CO	Q	Feb 2013	K0UK	41	54	41	136	35	4,760
NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928	IA	H	Sep 2008	NØNI (AG9A)	108	134	108	350	47	16,450
NM	Q	Feb 2002	W5YA	121	75	28	224	42	9,408	IA	L	Sep 1998	KØRX	70	84	73	227	43	9,761
OK	H	Sep 2003	K3LR	131	133	88	352	48	16,896	IA	Q	Sep 2006	AKØM	32	26	0	58	22	1,276
OK	L	Sep 1998	K5KA	79	89	62	230	40	9,200	KS	H	Feb 2014	WØBH	74	93	101	268	47	12,596
OK	Q	Sep 2004	K5KA	91	69	52	212	43	9,116	KS	L	Sep 2004	K3LR	95	94	67	256	41	10,496
TX	H	Feb 2000	N5TJ	148	137	96	381	52	19,812	KS	Q								
TX	L	Sep 1998	N5TJ	141	111	80	332	46	15,272	MN	H	Feb 2003	KØSR	98	127	83	308	50	15,400
TX	Q	Feb 2000	KG5U	122	60	22	204	47	9,588	MN	L	Sep 2003	NAØN	112	125	51	288	47	13,536
CA	H	Feb 2003	W6EEN (N6RT)	150	147	81	378	54	20,412	MN	Q	Sep 2009	KEØG	44	75	35	154	34	5,236
CA	L	Feb 2004	N6MJ	106	158	77	341	50	17,050	MO	H	Sep 1996	K4VX (WX3N)	104	133	95	332	46	15,272
CA	Q	Sep 2010	K6UFO	88	90	36	214	39	8,346	MO	L	Feb 2014	NØAX	72	112	89	273	45	12,285
AK	H	Feb 2000	KL9A	139	63	0	202	47	9,494	MO	Q	Sep 2004	NJ4X	61	99	38	198	41	8,118
AK	L	Sep 2007	K6VVA/KL7	68	30	18	116	34	3,944	ND	H	Feb 2002	WBØO	124	106	88	318	47	14,946
AK	Q	Sep 2003	N6TR/KL7	1	0	0	1	1	1	ND	L	Feb 1998	WØHSC (KBØO)	49	96	72	217	36	7,812
AZ	H	Feb 2000	K6LL	178	144	42	364	50	18,200	ND	Q								
AZ	L	Feb 2013	N7CW	61	122	95	278	46	12,788										

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	
NE	H	Sep 2008	WW2Y	57	101	98	256	42	10,752	KP2	H	Feb 2014	NP2X	88	93	100	281	48	13,488	
NE	L	Sep 2006	WW2Y	59	102	61	222	45	9,990	KP2	L									
NE	Q	Feb 2003	W8TM	0	116	0	116	41	4,756	KP2	Q									
SD	H	Feb 2013	WDØT	79	145	124	348	47		KP4	H									
16,356										KP4	L	Feb 2004	NP4Z	49	150	54	253	48	12,144	
SD	L	Feb 2015	WDØT	114	117	79	310	43	13,330	KP4	Q	Feb 2004	K1ZZ/KP4	1	18	3	22	14	308	
SD	Q									PJ6	H	Sep 2011	PJ6/K9VV	23	30	0	53	25	1,325	
VE1	H	Feb 2014	VE9AA	75	81	69	225	42	9,450	PJ6	L									
VE1	L	Sep 2000	VE9DX (K5NZ)	99	56	28	183	40	7,320	PJ6	Q									
VE1	Q									TG	H									
VE2	H	Sep 1988	VE2ZP	75	98	41	214	41	8,774	TG	L	Sep 2001	TG9/N5KO	150	0	0	150	42	6,300	
VE2	L	Feb 2003	VE2AWR	49	77	26	152	39	5,928	TG	Q									
VE2	Q									V4	H	Feb 1996	V4ØZ (AA7VB)	0	21	33	54	23	1,242	
VE3	H	Feb 2014	VE3JM	90	117	87	294	50	14,700	V4	L									
VE3	L	Sep 2010	VE3DZ	78	98	93	269	44	11,836	V4	Q									
VE3	Q									VP2E	H	Feb 2009	VP2E (N5AU)	58	90	71	219	40	8,760	
VE4	H	Sep 2003	VE4/WBØO	136	130	0	266	45	11,970	VP2E	L									
VE4	L	Sep 2006	VE4XT	22	92	16	130	42	5,460	VP2E	Q									
VE4	Q									VP9	H	Feb 1985	W6OAT/VP9	43	93	66	202	31	6,262	
VE5	H	Sep 2000	VE5DX	122	92	50	264	43	11,352	VP9	L	Sep 2009	KM3T/VP9	84	83	60	227	42	9,534	
VE5	L	Feb 2003	VE5SF	106	119	12	237	49	11,613	VP9	Q									
VE5	Q									XE	H	Sep 1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335	
VE6	H	Feb 2013	VE6EX	77	91	61	229	46	10,534	XE	L	Sep 2003	XF1K (N6AN)	113	85	39	237	47	11,139	
VE6	L	Sep 1999	VE6EX	117	64	14	195	46	8,970	XE	Q	Sep 2013	XE2S	43	37	0	80	32	2,560	
VE6	Q									ZF	H	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299	
VE7	H	Feb 2000	VA7RR	151	128	37	316	48	15,168	ZF	L	Feb 2015	ZF2DX (N5DX)	114	105	56	275	42	11,550	
VE7	L	Feb 2012	VA7ST	85	45	36	166	41	6,806	ZF	Q									
VE7	Q	Feb 2014	VA7JC	5	0	0	5	5	25	9A	H	Sep 2000	9A6XX	29	0	0	29	19	551	
VE8	H	Feb 2000	VY1JA	36	0	0	36	22	792	9V	H	Feb 2012	9V1YC	16	0	0	16	8	128	
VE8	L									A7	H	Sep 2009	A7/MØFGA	7	0	0	7	8	56	
VE8	Q									CT	H	Sep 1998	CT1BOH	122	76	27	225	40	9,000	
4U1	H	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1,610	CX	H	Feb 2014	CX6VM	53	4	0	57	31	1,767	
4U1	L									DL	H	Feb 2006	DJ1YFK	0	30	12	42	21	882	
4U1	Q									EA8	H	Feb 1994	EA1AK/EA8	15	21	0	36	21	756	
8P	H	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634	F	H	Sep 1990	F/N6TR	100	78	18	196	38	7,448	
8P	L									G	H	Feb 2002	G4BUO	45	84	31	160	40	6,400	
8P	Q									HA	H	Sep 2014	HA1AG	10	0	0	10	7	70	
C6	H									HC8	H	Feb 2000	HC8N (N5KO)	142	121	8	271	52	14,092	
C6	L	Feb 1999	C6AKP	15	4	2	21	14	294	I	H	Sep 1998	IKØHBN	64	26	10	100	35	3,500	
C6	Q									JA	H	Feb 1991	7J1AAI	13	0	0	13	9	117	
CO	H									KH2	H	Sep 2010	KH2/N2NL	36	0	0	36	23	828	
CO	L	Feb 2013	CO2CW	8	10	3	21	16	336	KH6	H	Sep 2006	KH6/W6PH	77	52	0	129	40	5,160	
CO	Q									LU	H	Feb 2003	LU1FAM	74	18	0	92	35	3,220	
HH	H	Sep 1996	HH2AW	48	61	30	139	33	4,587	LY	H	Sep 2000	LY4AA	107	56	0	163	38	6,194	
HH	L									LZ	H	Sep 2010	LZ5R (LZ4UU)	4	105	16	125	42	5,250	
HH	Q									OH	H	Sep 1998	OH1NOA	56	0	0	56	22	1,232	
HI	H	Feb 1991	HI8DMX	0	40	0	40	19	2,420	ON	H	Sep 2007	ON5ZO	1	10	0	11	9	99	
HI	L									P4	H	Sep 2007	P4Ø/W2GD	105	82	33	220	41	9,020	
HI	Q									PY	H	Sep 1980	PY8ZPJ	28	1	0	29	14	406	
HP	H	Feb 2000	HP1AC	50	14	0	64	30	1,920	UA9	H	Feb 2000	RUØSN	15	0	0	15	13	195	
HP	L									UN	H	Sep 2000	UP6F	13	0	0	13	10	130	
HP	Q									VK	H	Sep 1994	VK5GN (N6AA)	48	0	0	48	22	1,056	
J7	H	Feb 2007	J79WI (WI9WI)	11	74	2	87	34	2,958	ZD8	H	Sep 1990	ZD8Z (N6TJ)	116	93	19	228	43	9,804	
J7	L									ZS	H	Feb 2000	ZS1ESC (N6AA)	51	0	0	51	18	918	
J7	Q																			