Results: North American September CW Sprint

The 77th running of the CW Sprint took place on the first Saturday in September 2015. The most significant take-away from this event was poor activity. Only 12 teams registered before the event, and in the final results, only four stations finished with at least 300 QSOs.

Due to the later-than-normal weekend in September, the contest conflicted with September VHF Contest and the WAE SSB, a qualifying event for WRTC 2018. These factors, coupled with a slow decline in activity, likely combined to make a fairly significant drop in participation in his event.

The SSB Sprint, no longer sponsored by *NCJ*, has been adopted by a group of volunteers, who generated a lot of publicity and have rejuvenated the contest. The activity levels are off the charts compared to the prior history of that contest. It is pretty obvious that the CW Sprint would benefit from a similar shot in the arm.

Are we sprinted out? Is there just too much dilution? Is the idea tired and lost its appeal? Or was this just a bad month, and we need to get to work. The Boring Amateur Radio Club believe this is the case and is prepared to help orchestrate the work necessary to bring back the participation levels this contest once enjoyed.

About 15 years ago, there was a program to send post cards to targeted stations to encourage them to participate in the CW Sprint. This program did result in increased activity and enabled many of the record-breaking efforts seen from the early 2000s. This program is going to be dusted off, and those interested in helping with it are encouraged to contact BARC, cwsprintmgr@ncjweb.com.

The awards program has been pretty much nonexistent for years. Most of us have a pile of CW Sprint certificates signed by W6OAT in our collection, but many "newcomers" (ie, those who have operated only during the past 25 years) have none. A new awards program will be put into place, similar to the DXCC program. You will receive a certificate for making 100 QSOs in the CW Sprint and then earn endorsements as you make higher totals. These awards will start in 2016.

There has been a long-standing debate about whether the "two radio" entries in the CW Sprint are a good thing or not. Perhaps the contest would benefit from putting

Single Operator Scores											
Call Sign K5ZD K1IMI K1AR W1WBB	Name RANDY *BERT JOHN **BILL	QTH MA ME NH RI	20 94 57 21 38	40 91 80 79 46	80 42 50 60 28	QSO 227 187 160 112	Mlt 41 40 41 34	Score 9,307 7,480 6,560 3,808	Bnd Chg 47 2 2 11	Team Ad Hoc NCC + MRRC EAST	
N2NT N2NC NW2K W2RQ WA2JQK	ANDY JOHN DEAN BILL *BOB	NJ NJ NY NJ NY	90 84 69 33 14	116 109 99 78 16	91 71 74 89 14	297 264 242 200 44	44 43 42 40 22	13,068 11,352 10,164 8,000 968	113 6 42 6 2	NCC + MRRC EAST NCC + MRRC EAST NCC + MRRC EAST DFW Contest Group	
NO3M K3LR N3QE K3UA W3KB	TY TIM TIM *PHIL *KEITH	PA PA MD PA PA	94 80 86 51 49	118 97 100 78 89	96 93 75 83 55	308 270 261 212 193	42 45 41 39 41	12,936 12,150 10,701 8,268 7,913	137 11 22 4 6	Ad Hoc NCC + MRRC EAST Southeast Sprint Coa NCC + MRRC EAST	
N4AF K4RO W4OC K4BAI KU8E K7SV W4NZ N4DW N9NB N4OX NF4A K1GU AD4EB K4FXN WA8HSB WN4AFP	AL KIRK *DON JOHN JEFF *LAR TED DAVE *TED *JAY *CHAS *NED JIM DAN **JOHN **DON	NC TN SC GA VA TN VA FL TN KY AL SC	97 77 86 89 67 66 68 53 66 68 49 13 36 28 18	115 121 102 107 89 93 87 85 90 75 96 54 69 82 38 15	94 93 88 89 79 72 76 80 66 63 26 62 0 0	306 291 276 285 235 231 218 222 206 171 129 105 110 63	44 40	13,464 12,513 12,144 11,400 10,340 9,702 9,240 9,156 8,880 7,182 4,515 3,780 1,764 135	135 137 65 2 44 12 42 5 6 7 3 2 19 4	Ad Hoc Ad Hoc Ad Hoc Ad Hoc Ad Hoc NCC + MRRC EAST Southeast Sprint Coa Austin Aces Southeast Sprint Coa Southeast Sprint Coa	
N3BB N5RZ NR5M KZ5D KU5B K5TR NM5M WQ5L N5DO K5RT K5CI AC4CA KØNM N9NM	JIM GATOR GEO ART *BOB GEO *ERIC *RAY *DAVE PAUL LEO JUZAR *BARB	TX TX TX LA TX	99 90 92 74 84 82 68 50 72 73 55 0 38 24	118 119 111 113 97 103 95 93 98 91 79 68 65 17	90 87 88 75 78 79 73 61 43 69 64 1	307 296 291 262 259 263 242 216 231 207 203 132 104 53	42 42 43	13,201 12,432 12,222 11,266 10,878 10,783 9,922 9,072 9,009 8,487 8,323 4,620 3,848 1,166	114 112 79 93 12 34 2 4 16 22 8 1 8	Austin Aces DFW Contest Group DFW Contest Group Austin Aces Austin Aces DFW Contest Group DFW Contest Group Austin Aces	
N5KO N6TV W6YX AE6Y N6RO K7GK N6RT W6SX K9YC N6AN	TREY BOB MIKE ANDY KEN DEN DOUG HANK JIM ALAN STEVE	CA CA CA CA CA CA CA	98 94 90 81 86 86 75 77 74 73	125 118 110 99 106 102 113 92 100 102	89 81 85 85 67 75 87 69 68	312 293 281 265 277 255 263 256 243 243	42 44 41 43 41 39 41 41	14,664 12,599 11,802 11,660 11,357 10,965 10,783 9,984 9,963 9,963	110 77 58 55 58 9 18 8 18	NCCC #1 NCCC #1 NCCC #1 NCCC #1 NCCC #1 NCCC #1 AOCC/SCCC Southwest NCCC #2 NCCC #1	
AC6T AJ6V W4EF K6SRZ KZ2V N3ZZ W6CT K6ZH N6ER WA6URY KA3DRR	STEVE ED MIKE *ALAN NICK TOM SCOTT JIM KEVIN DAN *SCOT	CA CA CA CA CA CA CA CA	82 84 70 69 71 66 76 55 48 37 40	97 85 92 88 82 89 73 85 82 53 46	53 56 79 74 51 73 44 37 44 44 13	232 225 241 231 204 228 193 177 174 134 99	41 41 38 39 40 35 39 40 33 33 30	9,512 9,225 9,158 9,009 8,160 7,980 7,527 7,080 5,742 4,422 2,970	5 2 8 4 2 8 2 2 2 2 2 4	NCCC #1 AOCC/SCCC Southwest NCCC #2 NCCC #2 NCCC #1 NCCC #2 AOCC/SCCC Southwest	
K6XX K6CSL K6VVA W1AW	BOB *BERT *RICK *HIRAM	CA CA CA	12 14 10 8	20 13 0 0	18 10 7 0	50 37 17 8	23 17 13 6	1,150 629 221 48	2 2 1 0	NCCC #2 AOCC/SCCC Southwest	

some limit on the number of band changes? One idea is set a band change limit of 50. This would enable those who feel the need to use the two-radio technique during some parts of the contest to still do it, but not to encourage total dependence on using two radios. We would like your input on this issue. Feel free to use your soapbox comments folloowing the February event to let us know what you think.

High Power

Trey Garlough, N5KO, was able to pilot the W6NL mountaintop station to his sixth High Power victory. By combining the highest QSO total with the highest multiplier total, Trey pulled away with a winning margin of more than 1000 points. This rest of the Top 10 represent scores from most areas of the country except the far Northeast. Pat, N9RV, posted the 2nd place score from Montana, just ahead of Howie (aka "Al"), N4AF, from North Carolina. Jim, N3BB, came in 4th place with the highest score from Texas, just less than a contact ahead of Mike, W9RE, in Indiana. N2NT and NO3M represented the W2 and W3 call areas, and N6TV, K4RO, and N5RZ filled out the Top 10. Only one Top 10 entry had fewer than 100 bands changes. Nobody in the single-radio category was able to break into the Top 10. Missing from the Top 10 was Steve, N2IC, who found himself shipped out to Washington to help with communication for the fire department fighting wildfires.

Low Power

The competition in the Low Power category is just as competitive as the High Power category. Don, W4OC, who always seems to be near the top of the Low Power scores, edged out Todd, WDØT, for the top spot. Colin, KU5B, who is one of the rare Sprint entrants under the age of 30 came in third, just ahead of Low Power veteran N9CK. W1NN operated from home this time, but he did work WA6URY on two bands, who was remoting from Japan. N8EA, NM5M, K7SV, K7BG, and NAØN finished out the Top 10. It is interesting that most of the Top 10 Low Power scores came from the middle of the country.

QRP

By far the tightest race for the top spot was in the QRP category. Congratulations to Mark, K6UFO, who piloted NN7SS to 1st place, just edging out Bill, W1WBB, who operated from rare Rhode Island. The difference between the scores was just one QSO. Third place went to WA8HSB in Alabama. John's consecutive characters comprised entirely of dits proved to be challenging for many to copy, but nobody busted his call sign. Fourth place went to

N9RV AA7V WJ9B K7BG N6VR KM7W W7WHY WS7L W9CF KI7Y N6TR K4XU NG7Z NN7SS AA4Q AL9A KU7Y	PAT STEVE WILL *MATT RAY CHRIS TOM CARL *KEVIN JIM *AL *DICK *PAUL **BURT *BILL *GARY **RON	MT AZ ID MT AZ OR OR OR OR AZ WA AZ AK NV	88 61 73 76 67 68 66 64 44 43 41 16 32 37 7 13	119 92 96 87 93 93 82 76 91 95 76 80 66 58 71 0	89 86 72 66 68 82 59 56 52 32 64 65 24 25 0	296 239 241 229 228 243 207 196 187 170 181 161 122 120 78 13 4	46 41 40 42 42 39 40 40 38 38 33 36 37 32 33 10 4	13,616 9,799 9,640 9,618 9,576 9,477 8,280 7,840 7,106 6,460 5,973 5,796 4,514 3,840 2,574 130	110 6 42 10 2 4 13 4 8 2 2 7 2 4 1 1 0 0 0	Big Sky Contesters AOCC/SCCC Southwest Big Sky Contesters AOCC/SCCC Southwest Big Sky Contesters Oregon Sprinters Oregon Sprinters AOCC/SCCC Southwest Oregon Sprinters Oregon Sprinters AOCC/SCCC Southwest AOCC/SCCC Southwest AOCC/SCCC Southwest
KW8N K8MR W1NN N8EA N8VW ND8L K8JQ W5OV N8BJQ N8XX AC8AP	BOB JIM *HAL *JOE *PAT *RAY STEVE BOB STEVE **SUMMEF **ALAN	OH OH OH MI OH OH OH OH OH OH	74 68 72 51 49 54 26 61 48 0	105 100 89 95 83 60 76 57 65 26	86 76 87 83 58 63 79 25 0 18	265 244 248 229 190 177 181 143 113 44	41 43 41 44 38 37 33 35 24 9	10,865 10,492 10,168 10,076 7,220 6,726 6,697 4,719 3,955 1,056 117	29 12 67 18 2 6 17 4 7 1	NCC + MRRC EAST NCC + MRRC WEST NCC + MRRC EAST NCC + MRRC WEST NCC + MRRC WEST
W9RE N9CK WI9WI W9PA WT2P KJ9C K9GDF	MIKE *STEVE JIM *DAVE *CJ MEL RICH	IN WI WI IN IL IN	82 54 61 39 2 24 5	118 107 85 73 79 46 0	93 90 71 0 5 0	293 251 217 112 86 70 5	45 42 38 33 30 30 30	13,185 10,542 8,246 3,696 2,580 2,100 15	125 84 2 1 6 1	Ad Hoc Ad Hoc NCC + MRRC WEST Big Sky Contesters
KØEU WDØT NAØN KØAD KØOU ABØS WØETT WØBH WGØM NØAC N9HDE	KEN *TODD *PAT *AL *STEVE TIIM *KEN BOB *MIKE *BILL *SCOTT	CO SD MN MN MO KS CO KS MN CO IA	68 72 60 62 41 48 37 0 31 20 0	115 102 92 96 98 84 90 50 38 46 23	92 90 81 74 61 78 59 51 13 6	275 264 233 232 200 210 186 101 82 72 23	45 41 39 38 35 39 31 33 29	12,375 11,880 9,553 9,048 7,600 7,350 7,254 3,131 2,706 2,088 368	75 73 52 44 8 4 1 11 5	Ad Hoc Ad Hoc Rocky Mountain guys
VE3JM VE3KI VE3EJ VE3RCN	VLAD RICH JOHN *KEVIN	ON ON ON ON	91 69 47 19	109 95 51 9	68 77 0 4	268 241 98 32	41 42 31 13	10,988 10,122 3,038 416	60 2 3 6	
XE2S	*MARCO	XE	0	43	0	43	21	903	0	

Bolded scores are new records

^{**} QRP

Top 10 Sc	ores						
Call Sign	Score	Bnd Chg	Qs Lost	00Z	01Z	02Z	03Z
N5KO	14,664	110	6	112	65	77	58
N9RV	13,616	110	2	96	71	65	64
N4AF	13,464	135	2	109	72	74	51
N3BB	13,201	114	3	102	82	75	48
W9RE	13,185	125	6	89	74	74	56
N2NT	13,068	113	2	106	68	74	49
NO3M	12,936	137	6	118	67	79	44
N6TV	12,599	77	2	108	66	68	51
K4RO	12,513	137	2	88	74	84	45
N5RZ	12,432	112	3	95	75	76	50

Top 10 High Power (Max 12 Band Changes)

Call Sign	Score	Bna Cng	Qs Lost	002	012	02Z	032
K3LR	12,150	11	3	88	69	68	45
K4BAI	11,400	2	7	88	79	51	67
N2NC	11,352	6	0	80	77	63	44
K7GK	10,965	9	5	79	70	56	50
K8MR	10,492	12	2	80	61	60	43
VE3KI	10,122	2	1	64	64	57	56
W6SX	9,984	8	2	70	74	65	47
N6AN	9,963	6	2	70	60	42	71
AA7V	9,799	6	0	53	62	69	55
N6VR	9,576	2	16	54	62	44	68

^{*} Low Power

N8XX. WN4AFP, AC8AP, and KU7Y were the remaining entries brave enough to operate the Sprint armed with just 5 W.

Team Competition

The Ad Hoc team of Sprint regulars cruised to another victory. Second place went to the NCCC Team #1 and 3rd to NCC + MRRC EAST. Fourth place was the DFW Contest Group. The team competition is a great way to encourage more operators to participate. It would be great to see more local teams, such as the ones from Montana and Oregon, to boost activity.

Golden Logs

Fifteen operators ended up with no score deductions during the rigorous log checking process. Congratulations to all of them, especially the 10 stations that managed to do this will logging more than 200 contacts.

Records

The only two score records set were in the QRP category. Bill, W1WBB, set a new QRP record for Rhode Island. John, WA8HSB, pushed up his QRP record from last February nearly two times in Alabama. The new records are shown in bold in both the score listing and in the records.

Next Time

Mark your calendars for the next CW Sprint, which takes place February 7, starting at 0000 UTC. You may operate for the 240 minutes from 0000 to 0359 inclusive. If you start a QSO just before the clock ticks over to 0400, feel free to finish it and log it at 0359Z.

For team registration, use the NCJ web page, www.ncjweb.com. Logs can be submitted via e-mail to cwsprint@kkn. net, or use the log submission form on the NCJ website. Logs are due 7 days after the contest. Final scores are typically posted within 2 weeks of the contest and will be posted on the NCJ website and announced on the CQ-contest reflector.

Check out the web resources at www. kkn.net/n6tr/sprint.html and rules, records and previous results at the NCJ website, www.ncjweb.com. The CW-contest mail reflector is also a great place to ask questions. The contesting Wiki also has useful information, http://wiki.contesting.com/index.php/Operating_the_sprints. S

Soapbox

My first NA Sprint was fun. A challenge and did not do too well, but I will be back again. — AC8AP

QSO numbers 108-114 not issued, due to a computer failure. Logged after 107 on paper and had to guess the next serial #.

— K4BAI

Activity was way down. Where was

Top 10 Low	Power	(Max	12 Band	I Changes)
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Call Sign	Score	Bnd Chg	Qs Lost	00Z	01Z	02Z	03Z
KU5B	10,878	1Ž	1	72	67	64	56
NM5M	9,922	2	4	66	68	44	64
K7SV	9,702	12	10	85	54	60	32
K7BG	9,618	10	6	69	57	46	57
WQ5L	9,072	4	0	57	54	40	65
K6SRZ	9,009	4	6	66	71	50	44
N9NB	8,880	6	6	55	62	57	48
N4OX	8,446	7	0	58	56	53	39
K3UA	8,268	4	5	63	47	56	46
W3KB	7,913	6	4	59	59	47	28

Top 10 QSO Totals N5KO 312 NO3M 308 N3BB 307 N4AF 306 N2NT 297 N5RZ 296 N9RV 296 N6TV 293 W9RE 293 K4RO 291 NR5M 291	Top 10 Low Power W4OC 12,144 WDØT 11,880 KU5B 10,878 N9CK 10,542 W1NN 10,168 N8EA 10,076 NM5M 9,922 K7SV 9,702 K7BG 9,618 NAØN 9,553	Golden Logs W4OC 276 N2NC 264 N9CK 251 KM7W 243 NW2K 242 W4EF 241 AA7V 239 NAØN 233 WQ5L 216 N4OX 206 W9CF 187
Top 10 Multipliers N5KO 47 N9RV 46 KØEU 45 K3LR 45 W9RE 45 WDØT 45 AE6Y 44 KU8E 44 N2NT 44 N4AF 44 N8EA 44 W4OC 44 Many 43	Top QRP NN7SS 3,840 W1WBB 3,808 WA8HSB 1,764 N8XX 1,056 WN4AFP 135 AC8AP 117 KU7Y 16	K1AR 160 VE3EJ 98 K6XX 50 W1AW 8 Top 10 Band Changes K4RO 137 NO3M 137 N4AF 135 W9RE 125 N3BB 114 N2NT 113 N5RZ 112 N5KO 110 N9RV 110 KZ5D 93

everyone? Got so frustrated that I took some time off to watch football. Only New England QSO was K1AR. I missed my own state for a mult! — *K5ZD*

I think this might be a new record for NA Sprint CW for my station — K6CSL

I had not planned to operate, even though this is my favorite contest. The thought of getting beat up again with 100 W from here on the Left Coast was not appealing. Where the heck were all the players? As I read post-event comments about participation being a bit down, from my observation, it was wayyyyyyyyyyyyyyyyydown. — K6VVA

Antenna is rain gutter and downspouts.

— K9GDF

Not much time available, it's festival time in Indiana... that means lots of beer — *KJ9C*

Things really dried up at the end. — KW8N

Missed several mults reported on: IA, ND, NE, XE, etc. Maybe more. Also AR. *Grrr.* — *N3BB*

Remembering Alan Brubaker, KO7X. Thanks for the QSOs. Twenty was pretty tough out here. Thanks to Dave Bell for the station loan. — N6AN

Lots of fun – it has been awhile. Great operators all around. — N6ER

First CW Sprint from my new location. I look forward to putting in a full effort in February. — N6TR

Tough conditions and very little activity due to a conflict with WRTC qualifier, WAE

Phone, perhaps? First time in a long time that I could not break 300. — N6TV

Six meters was dead, so decided to sprint. — N8VW

Strange conditions. Could hardly get an answer to a CQ. Choice of "Summer" was in honor of VE5SH who is learning code very rapidly. Perhaps in the near future we'll have another regular from Saskatchewan on the CW Sprint! — N8XX

This one was a real challenge. Operator was OK this year, but the propagation wasn't. — *N9RV*

Was switching back and forth to the WAE SSB contest near the end of the contest to work some of the EU stns on 80 meters.... Great turnout for the Sprint! — NF4A

I had a good start on 20 despite high A index. Around 0230, 40 became really noisy. Tough slogging. I carried on, because I dreaded going to 80 while QRP. Last hour I sucked it up and went to 80 QRP. As long as I only tuned for the strong signals I had a chance. — NN7SS (K6UFO op)

Once again paper logs and an 80 meter dipole. Heard, but missed WA, ND, and XE. And, sadly, KO7X/WY, is no longer with us. Nice to hear N9NB in this one, and VO2AC was a very nice surprise near the end. — W2RQ

The fastest 4 hours in contesting that I would not miss for anything! — W9RE

Operated remote from Tokyo, Japan. — WA6URY

Team S	cores				
1. Ad Hoc		3. NCC + MRRC EAS	T 5. AOCC/SCCC Southwest	N6RT, AA7V, N6VR, W4EF, W9CF, K6ZH, K4XU, NG7Z, W1AV	V 63,860
N4AF	13,464	N2NT 13,068	6. Austin Aces	N3BB, KZ5D, K5TR, N5DO, N9NB, AC4CA, N9NM	58,925
W9RE	13,185	K3LR 12,150	7. NCCC #2	W6SX, K6SRZ, KZ2V, W6CT, K6CSL, KU7Y	35,325
NO3M	12,936	N2NC 11,352	8. Big Sky Contesters	N9RV, K7BG, KM7W, KJ9C	34,811
K4RO	12,513	KW8N 10,865	9. Oregon Sprinters	W7WHY, WS7L, KI7Y, N6TR	28,553
KØEU	12,375	KU8E 10,340	10. Southeast Sprint Coa	N3QE, N4DW, N4OX, WN4AFP	28,438
W4OC	12,144	W1NN 10,168	11. NCC + MRRC WEST	K8MR, ND8L, W9PA, N8XX	21,970
WDØT	11,880	NW2K 10,164	12. Rocky Mountain Guys	WØETT	7,254
K4BAI	11,400	K3UA 8,268	,		- ,
N9CK	10,542	K1AR 6,560	Guest Ops		
K5ZD	9,307	Total 92,935	AC6T (@W6RFU)		
Total	119,746		K5TR (K5OT)		
	,	DFW Contest Grou	KA3DŘR (@W6SL)		
2. NCCC i	#1	N5RZ 12,432	KM7W (KL9A)		
N5KO	14,664	NR5M 12,222	KZ2V (@NW6P)		
N6TV	12,599	NM5M 9,922	N6AN (@W6AQ)		
W6YX	11,802	WQ5L 9,072	N6RT (@N6WIŃ)		
AE6Y	11,660	K5RT 8,487	NN7SŠ (K6UFO)		
N6RO	11,357	K5CI 8,323	NR5M (KSGA)		
K7GK	10,965	W2RQ 8,000	W1AW (N6AA)		
K9YC	9,963	KØNM 3,848	W5OV (@ K8ÁZ)		
AJ6V	9,225	Total 72,306	W6CT (@K6EU)		
N3ZZ	7,980		W6YX (N7MH)		
Total	100,215				

CW Sprint Records through September 2015																		
QTH Pwr CT H CT L CT Q	Date Sep 2003 Sep 1999 Feb 2013	Call Sign K1KI NT1N NN1N	153	40 132 115 70	80 84 43 56	QSO 369 280 188	Mult 50 49 46	Score 18,450 13,720 8,648	<i>QTH</i> GA GA GA	Pwr H L Q	Date Sep 2003 Feb 2003 Sep 2009	Call Sign K4AAA (W4AN) KU8E NA4BW			80 88 81 55	QSO 404 247 126	Mult 54 48 38	Score 21,816 11,856 4,788
MA H	Feb 2003	K5ZD		144	85	365	54	19,710	KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364
MA L	Feb 2003	K1HT		106	114	292	50	14,600	KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430
MA Q	Sep 2003	NB1B		29	3	107	33	3,531	KY	Q	Sep 2011	KU4A	4	0	0	4	3	12
ME H	Sep 2008	N1LI (K1DG)		122	84	294	47	13,818	NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758
ME L	Sep 2006	N1LI (K1DG)		106	49	244	43	10,492	NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935
ME Q	Sep 2010	N1LI (K1DG)		72	50	213	40	8,520	NC	Q	Feb 2010	AA4XX	28	25	64	117	33	3,861
NH H	Feb 2003	K1DG	129	119	83	331	50	16,550	SC	H	Sep 2008	W4OC	80	110	97	287	48	13,776
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 2015	K8CN	50	65	18	133	36	4,788	SC	Q	Feb 2013	KX9X	6	27	5	38	22	836
RI H	Feb 2002	KI1G	122	95	93	310	47	14,570	TN	H	Sep 2003	W4PA		163	96	393	51	20,043
RI L	Sep 2011	W1WBB	55	54	47	156	37	5,772	TN	L	Sep 2003	K4AMC		127	66	270	47	12,690
RI Q	Sep 2015	W1WBB	38	46	28	112	34	3,808	TN	Q	Sep 2013	NA4K		71	49	207	43	8,901
VT H	Feb 2004	NT1Y (W4PA)	116	175	47	338	48	16,224	VA	H	Sep 1989	KT3Y	95	122		296	48	14,208
VT L	Sep 2009	K8MR/1	0	43	71	114	40	4,560	VA	L	Feb 2003	K7SV	84	101		300	52	15,600
VT Q	Sep 2004	WT1L	18	2	18	38	21	798	VA	Q	Feb 2015	KE3X	88	83		248	44	10,449
NJ H	Feb 2003	N2NT		158	134	380	51	19,380	AR	H	Sep 2009	N5DX	61	150	102	313	47	14,711
NJ L	Feb 1999	K2SQ		101	85	280	46	12,880	AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396
NJ Q	Sep 2010	KR2Q		59	31	148	41	6,068	AR	Q	Sep 2009	N5ER	14	15	16	45	23	1,035
NY H	Feb 2002	K2UA		123	85	321	50	16,050	LA	H	Feb 1995	W5WMU (K5G:	A)105	5115	86	306	48	14,688
NY L	Feb 2013	W2FU		105	103	283	47	13,301	LA	L	Feb 2004	W5EKF	43	67	18	128	40	5,120
NY Q	Sep 2010	N2ZN		75	56	167	43	7,181	LA	Q	Sep 2007	KC5R	95	66	17	178	39	6,942
DE H DE L DE Q	Sep 1989 Sep 2008 Sep 2009	KN5H N8NA N8NA		102 135 98	72 80 64	272 261 183	46 47 44	12,512 12,267 8,052	MS MS MS	H L Q	Sep 2008 Sep 2012 Feb 2002	N4OGW N4OGW WA2NYR		139 123 16		339 304 46	50 46 26	16,950 13,984 1,196
MD H	Sep 1989	W3LPL		110	80	310	47	14,570	NM	H	Feb 2013	N2IC	133	167	109	409	48	19,632
MD L	Sep 2013	N3QE		105	68	246	43	10,578	NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928
MD Q	Feb 2013	KE3X		29	60	141	40	5,640	NM	Q	Feb 2002	W5YA	121	75	28	224	42	9,408
PA H	Feb 2014	AA3B		132	108	328	51	16,562	OK	H	Sep 2003	K3LR	131	133	88	352	48	16,896
PA L	Sep 2013	K3UA		103	79	257	43	11,051	OK	L	Sep 1998	K5KA	79	89	62	230	40	9,200
PA Q	Sep 2007	K3MJW		27	49	83	27	2,241	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		137	96	381	52	19,812
AL L	Sep 2003	K4IQJ	70	89	60	219	44	9,636	TX	L	Sep 1998	N5TJ		111	80	332	46	15,272
AL Q	Sep 2015	WA8HSB	18	38	7	63	28	1,764	TX	Q	Feb 2000	KG5U		60	22	204	47	9,588
FL H FL L FL Q	Feb 2003 Sep 2003 Sep 1999	N2NL KØLUZ N4BP		139 132 51	67 0 0	357 250 170	55 47 34	19,635 11,750 5,780	CA CA CA	H L Q	Feb 2003 Feb 2004 Sep 2010	W6EEN (N6RT N6MJ K6UFO		147 158 90	81 77 36	378 341 214	54 50 39	20,412 17,050 8,346

<i>QTH P</i> AK H AK L AK Q	Sep 2007	Call Sign KL9A K6VVA/KL7 N6TR/KL7	20 139 68 1	40 63 30 0	80 0 18 0	QSO 202 116 1	Mult 47 34 1	Score 9,494 3,944 1	QT NE NE NE	H F	_	Date Sep 2008 Sep 2006 Feb 2003	Call Sign WW2Y WW2Y W8TM	59	40 101 102 116	80 98 61 0	QSO 256 222 116	Mult 42 45 41	Score 10,752 9,990 4,756
AZ H AZ L AZ Q	Feb 2013	K6LL N7CW N7CW		144 122 93	42 95 56	364 278 218	50 46 48	18,200 12,788 10,464	SD SD SD	L	_	Feb 2013 Feb 2015	WDØT WD0T		145 117		348 310	47 43	16,356 13,330
ID H ID L ID Q	Feb 2001	W7ZRC W7UQ (KL9A) W7ZRC		107 88 84	44 44 38	274 276 187	45 48 41	12,330 13,248 7,667	VE	1 F	_	Feb 2014 Sep 2000	VE9AA VE9DX (K5NZ)	75 99	81 56	69 28	225 183	42 40	9,450 7,320
MT H MT L MT Q	Feb 2013	N9RV K7BG KB7Q		146 119 71	96 85 56	363 306 162	52 45 38	18,876 13,770 6,156		2 F 2 L 2 C	_	Sep 1988 Feb 2003	VE2ZP VE2AWR	75 49	98 77	41 26	214 152	41 39	8,774 5,928
NV H NV L NV Q	Feb 2000	K7BV KU7Y KU7Y		141 116 69	43 0 20	290 204 148	50 45 40	14,500 9,180 5,920	VE:	3 L 3 C	_	Feb 2014 Sep 2010	VE3JM VE3DZ	90 78	117 98	87 93	294 269		14,700 11,836
OR H OR L OR Q	Feb 2003	N6TR K4XU W7YAQ		142 110 50	79 46 29	393 277 148	52 47 40	20,436 13,019 5,920	VE	1 F 1 L 1 C	_	Sep 2003 Sep 2006	VE4/WBØO VE4XT	136 22	130 92	0 16	266 130	45 42	11,970 5,460
UT H UT L UT Q	Sep 1995	K6XO AH3C NC7J	128 59 101	93 91 96	42 65 38	263 215 235	44 38 45	11,572 8,170 10,575	VE:	5 L	_	Sep 2000 Feb 2003	VE5DX VE5SF	122 106	92 119	50 12	264 237		11,352 11,613
WA H WA L WA Q	Feb 2003	W7WA K7RI (K7SS) K7RI (K7SS)	149	113 111 112	54 37 19	300 297 240	49 53 45	14,700 15,741 10,800	VE	6 L	_	Feb 2013 Sep 1999	VE6EX VE6EX	77 117	91 64	61 14	229 195	46 46	10,534 8,970
WY H WY L WY Q	Feb 2004	K7KU (N2IC) KO7X KB7Q		117 142 78	63 28 8	312 227 87	48 47 29	14,976 10,669 2,523	VE:	7 F 7 L 7 C	_	Feb 2000 Feb 2012 Feb 2014	VA7RR VA7ST VA7JC	151 85 5	128 45 0	37 36 0	316 166 5	48 41 5	15,168 6,806 25
MI H MI L MI Q	Feb 2014	N8EA N8EA N8EA	197 74 28	124 90 68	100 98 74	331 262 170	52 46 43	17,212 12,052 7,310	VE	3 L	_	Feb 2000	VY1JA	36	0	0	36	22	792
OH H OH L OH Q	Feb 2014	K8MR W1NN N8VW		128 100 86	109 96 50	309 275 179	52 48 42	16,068 13,200 7,518	4U	l L	_	Feb 1985	4U1UN (W2TO) 3	52	15	70	23	1,610
WV H WV L WV Q	Sep 1998	N4ZR K3LR K5IID	69 62 49	100 93 52	117 64 42	286 219 143	48 39 34	13,728 8,541 4,862	8P 8P 8P	L	_	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634
IL H IL L IL Q	Sep 2003	AG9A K9AA (K9PG) WO9S		162 119 66	73 59 32	365 290 141	52 48 41	18,980 13,920 5,781	C6 C6 C6	L	_	Feb 1999	C6AKP	15	4	2	21	14	294
IN H IN L IN Q	Feb 2003	N9RV KJ9C WT9U	134 76 38	168 95 16	87 91 75	389 262 129	53 48 38	20,617 12,576 4,902	CO CO	L	_	Feb 2013	CO2CW	8	10	3	21	16	336
WI H WI L WI Q	Feb 2008	K9AA (K9PG) N9CK KA9FOX		169 126 90	69 115 73	302 311 229	55 48 45	16,610 14,928 10.305	HH HH HH	L	_	Sep 1996	HH2AW	48	61	30	139	33	4,587
CO H	Feb 2008	N2IC KØEU KOUK		151 115 54	84 99 41	389 276 136	52 42 35	20,228 11,592 4,760	HI HI	L	_	Feb 1991	HI8DMX	0	40	0	40	19	2,420
IA H IA L IA Q	Sep 1998	NØNI (AG9A) KØRX AKØM	108 70 32	134 84 26	108 73 0	350 227 58	47 43 22	16,450 9,761 1,276	HP HP HP	L	_	Feb 2000	HP1AC	50	14	0	64	30	1,920
KS H KS L KS Q	Sep 2004	WØBH K3LR	74 95		101 67	268 256		12,596 10,496	J7 J7 J7	L	_	Feb 2007	J79WI (WI9WI)	11	74	2	87	34	2,958
MN H MN L MN Q	Sep 2003	KØSR NAØN KEØG		127 125 75	83 51 35	308 288 154	50 47 34	15,400 13,536 5,236		2 F 2 L 2 C	_	Feb 2014	NP2X	88	93	100	281	48	13,488
MO H MO L MO Q	Feb 2014	K4VX (WX3N) NØAX NJ4X		133 112 99	95 89 38	332 273 198	46 45 41	15,272 12,285 8,118	KP4	4 H 4 L 4 C	_	Feb 2004 Feb 2004	NP4Z K1ZZ/KP4	49 1	150 18	54 3	253 22	48 14	12,144 308
ND H ND L ND Q	Feb 1998	WBØO WØHSC (KBØO		106 96	88 72	318 217	47 36	14,946 7,812	PJ6	i L	_	Sep 2011	PJ6/K9VV	23	30	0	53	25	1,325

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QTH P	vr	Date	Call Sign	20	40	80	QSO	Mult	Score
TG H TG L TG Q		Sep 2001	TG9/N5KO	150	0	0	150	42	6,300
V4 H V4 L V4 Q		Feb 1996	V4ØZ (AA7VB)	0	21	33	54	23	1,242
VP2E H VP2E L VP2E Q		Feb 2009	VP2E (N5AU)	58	90	71	219	40	8,760
VP9 H VP9 L VP9 Q		Feb 1985 Sep 2009	W6OAT/VP9 KM3T/VP9	43 84	93 83	66 60	202 227	31 42	6,262 9,534
XE H XE L XE Q		Sep 1990 Sep 2003 Sep 2013	XE2XA (WN4KI XF1K (N6AN) XE2S	KN)1: 113 43	34127 85 37	44 39 0	305 237 80	47 47 32	14,335 11,139 2,560
ZF H ZF L ZF Q		Sep 1992 Feb 2015	ZF2KI (K1KI) ZF2DX (N5DX)	154 114	90 105	7 56	251 275	49 42	12,299 11,550
9A H 9V H A7 H CT H CX H DL H EA8 H F H G H HA8 H HC8 H I H KH6 H LU H LY H LY H ON H P4 H P4 H PY H UA9 H UN H VK H ZD8 H ZS H		Sep 2000 Feb 2012 Sep 2009 Sep 1998 Feb 2014 Feb 2006 Feb 1994 Sep 1990 Feb 2002 Sep 2014 Feb 2000 Sep 1998 Feb 2010 Sep 2010 Sep 2010 Sep 2000 Sep 2000 Sep 1998 Sep 2007 Sep 2007 Sep 2007 Sep 2007 Sep 2007 Sep 1998 Sep 2007 Sep 1990 Feb 2000 Sep 1990 Feb 2000 Sep 1990 Feb 2000	9A6XX 9V1YC A7/M0FGA CT1BOH CX6VM DJ1YFK EA1AK/EA8 F/N6TR G4BUO HA1AG HC8N (N5KO) IKØHBN 7J1AAI KH2/N2NL KH6/W6PH LU1FAM LY4AA LZ5R (LZ4UU) OH1NOA ON5ZO P4Ø/W2GD PY8ZPJ RUØSN UP6F VK5GN (N6AA) ZD8Z (N6TJ) ZS1ESC (N6AA	116	0 0 0 76 4 30 21 78 84 0 121 26 0 0 52 18 56 105 0 0 82 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 12 0 18 31 0 0 0 0 0 16 0 0 0 0 0 0 19 0 0	29 166 7 2255 577 42 36 196 1100 271 100 13 36 129 92 163 125 56 11 220 29 15 13 48 228 51	19 8 8 40 31 21 38 40 7 52 35 9 23 40 35 38 42 22 9 41 14 13 10 22 43 18	551 128 56 9,000 1,767 882 756 7,448 6,400 117 828 5,160 3,220 6,194 5,250 1,232 99 9,020 406 130 1,056 9,804 918
Category Highest Highest Highest Highest Highest Logs red Number	y muli QS0 scor tear Low QRI ceive	O total re m score r Power P	Total 55 428 21,816 163,373 17,050 10,800 227 18	K N K S N	all Sig 9AA (I 6TR/7 4AAA CCC ∓ 6MJ (K	K9P (W4 #1 @W	IAN) 6KP)	Date Feb 20	005 003 002 004 002 004 008