

# Results: North American QSO Party, CW — January 2018

Every start of the NAQP CW is the same, no matter where you are on the continent. We are wondering which band is the best to start on, and for the past few years, if 10 meters will open. Typically the first hour or two is the peak of any major 10 or 15 meter opening, and stations are heard testing the waters ahead of time. For the January running of the NAQP, only a handful of 10 meter QSOs were made across all 1,099 logs. Most of those were with locals "for the mult," as the saying goes. Not much sporadic E showed up, so we were all stuck to the five lower bands, very similar to last year.

Luckily the other bands showed up ready to play in a big way. Stations in the west enjoyed a stronger 15 meter opening that kept hanging on. Many in the east are envious of the west coast advantage on the high bands in this contest, and rightly so, much of the time. This year saw outstanding 20 meter conditions across the country, which contributed to keeping the activity level up. The low bands of 40, 80, and 160 were absolutely spectacular in many parts of the country.

Activity on just five bands was good enough for the top two entrants to break the previous all-time QSO record. Start practicing now, though, so you will be able to handle the high rates when 10 meters comes back from vacation.

We have now seen a few more contests with operators pushing the limit using the 2BSIQ (two-band synchronized interleaved QSOs) technique. A quick analysis shows that the technique is absolutely not required to place high in the NAQP, nor is it appropriate for the entire 10 hours of operating time. It is fast becoming just one more tool in the box available to operators who want push themselves and their hardware. Not everyone is trying to live on the edge, and the majority of log submissions are from stations that get on to have fun or maybe help their local club team. A notable entry was WB5AAA, who said he has been a ham for more than 50 years; this was his first CW contest. Comments like this highlight the positive impact a set of simple contest rules can have.

The Top 10 boxes in these results have an added column showing error rate percentage after log checking. Error rate percentages are another metric we can use to improve ourselves, and many times logging errors cause a shuffling of the top scores or can even make the difference between winners and runners up.

## Single-Op, Low Power

The top two stations this year are the same as last year with Steve, N2IC, beating out Pat, N9RV, for the win. These two guys are hypercompetitive and leave nothing on

the table. Steve's 2BSIQ dominant strategy paid off again with 12 more QSOs and 14 more multipliers than Pat. Both stations broke the previous all-time QSO record with only five bands to play with. It is a huge testament to their operating abilities to be able to capitalize on the high activity levels in only 10 hours. To top it off, they both came in with error rates lower than 1%. Speaking of error rate, Steve, N9CK, has the best error rate in the Top 10 — a very impressive 0.10%. Steve copied 1,240 exchanges correctly and only had one Not In Log. As usual, the Top 10 is divided between stations all over the country. The southwest may have won this time.

In the "Less than 10 band changes" arena, things were very close. Mitch, K7RL, edged out Bob, K8IA, to take the informal top honors. The scores were very close across the Top 10, and the competition is arguably more intense with the single-radio ops. I assume that everyone with fewer than 30 band changes is using one radio, but that may not always be the case. Mitch had 23 more QSOs to make up for Bob's four extra multipliers. One strategy error with off time or a band change could have meant a different winner. The Top 5 in this category were separated by only 78 QSOs. K0SN and VE5MX came in just behind Mitch and Bob to take 3rd and 4th place. What a race!

## Single Op Top 10 Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	
N2IC	418,872	1689	248	146/45	269/51	485/57	525/57	264/38	0/0	Arizona Outlaws - Chollas
N9RV	392,418	1677	234	210/46	253/48	441/51	440/50	333/39	0/0	Big Sky Contesters #1
K7JR (KL9A)	364,320	1584	230	101/34	306/50	336/54	525/56	316/36	0/0	Big Sky Contesters #2
K6NA (KI6RRN)	318,886	1411	226	109/35	250/49	367/52	431/51	252/38	2/1	SCCC #1
N5ZO	303,580	1412	215	58/27	217/44	431/53	518/55	186/35	2/1	SCCC #2
K0EU	299,922	1351	222	102/42	306/52	297/48	512/52	133/27	1/1	AdHoc
AA3B	289,820	1348	215	205/44	404/51	402/51	270/44	64/22	3/3	FRC Team Dude
NR5M (K5GA)	276,864	1236	224	131/38	215/46	395/57	386/52	108/30	1/1	DFWCG SLATE
WJ9B	253,344	1218	208	83/30	205/49	310/48	417/49	203/32	0/0	PVRC GUNNERS
N9CK	249,240	1240	201	246/46	459/53	252/43	206/43	76/15	1/1	SMC K3LP Memorial Team
#1										

## Single Op QRP Top Five Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	
K0AV	93,469	619	151	0/0	104/38	214/43	177/44	124/26	0/0	GM Silver
N7IR	73,843	539	137	12/8	29/13	265/49	145/43	88/24	0/0	Arizona Outlaws - Ocotillos
W6JTI	72,988	514	142	25/10	40/11	160/45	175/47	114/29	0/0	NCCC Team #2
N5EE	62,496	434	144	105/34	80/33	111/36	97/28	41/13	0/0	Deep Dixie CC Team 6
N5OE	35,588	287	124	33/21	62/31	65/28	64/24	63/20	0/0	DFWCG BASALT

## Multi-Two Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
W2FU	615,168	2304	267	385/53	757/61	624/61	372/58	165/33	1/1
K5RM	589,815	2313	255	373/54	745/59	602/60	493/60	100/22	0/0
W5CT	530,448	2056	258	210/49	426/52	606/59	634/55	180/43	0/0

## Single-Operator QRP

Alan, KØAV, reported that the bands were decent enough for him to hold a run frequency with 5 W, and his hard work put him on the top of the pile. Alan won the 2015 January NAQP CW in this category. Just a few QSOs and multipliers separated 2nd and 3rd place. N7IR comes away with 2nd place edging out W6JTI. These two are in the hunt for the win every year, and the battle is great to see. The QRP category typically sees a resurgence in activity as the high bands comes to life, but the low bands were good enough this year to keep things fun for these hard-core QRPs.

## Multi-Two

Three multioperator entrants turned in more than 2,000 QSOs each. After the log-

checking dust settled, the crew at W2FU proved once again that they are the station to beat. Their very impressive error rate of 1% helped to secure their spot at the top with more than 2,300 QSOs. The crew at K5RM came in a very close 2nd while also breaking the 2,300 QSO mark. W5CT, N6RO, and NX5M rounded out the Top 5 in this very competitive category.

This marked another record for logs submitted — 1,099. The clubs organizing friendly competitions and creating teams are a big part of this participation increase that goes on to give all of us more QSOs. The Arizona Outlaws Contest Club has done a great job of rallying the troops to get on and support the NAQPs. The AOCC Chollas had the highest team score, with an impressive showing from all five team members.

Part of the fun is creating a unique team name to set yourselves apart. Some clubs create teams that honor a recent SK, and this time PVRC members and others created quite a showing to commemorate their good friend David, K3LP, who died tragically shortly before the contest. Many operators this year used the name "Dude," in honor of long-time good guy Bob, W4MYA. Even though the big W4MYA operations are a thing of the past, Bob continues to operate regularly and respond to his friends with a familiar, "Hey, dude!" on the air.

This results article will appear just ahead of the August running of the NAQP CW. If you have any suggestions or a story you would like to include in the results, email them to me. Pictures are always welcome and are encouraged.

## Team Scores

1. Arizona Outlaws - Chollas	2. AdHoc
N2IC 418,872	K0EU 299,922
K8IA 246,870	W9RE 248,236
KY7M 221,235	N4ZZ 238,368
K6LL 217,464	KZ5D 204,216
N5FO 169,764	K3TN 170,040
Total 1,274,205	Total 1,160,782

Team Operators	Total
4. PVRC GUNNERS WJ9B, N4AF, N4YDU, K7SV, N9NB .....	1,084,181
5. FRC Team Dude AA3B, N2NT, K3WW, K3MD, W3KB .....	939,735
6. Deep Dixie CC Team 1 N4OGW, N4BP, K5KU, K5KG, NP2X .....	926,770
7. CCO #1 VE3DZ, VE3JM, VE3EJ, VE3VN, VE3RZ .....	894,938
8. SMC K3LP Memorial Team #1 N9CK, WE9V, WT9U, K9NR, K3WA .....	855,078
9. NCCC Team #1 NF1R, N3ZZ, N6ZFO, K9YC, W1RH .....	806,379
10. DFWCG GRANITE NM5M, N5RZ, K5AX, WQ5L, KG5U .....	796,560
11. SCCC #2 N5ZO, K6NR, AC6T, W6TK, N6MJ .....	769,102
12. Big Sky Contesters #2 K7JR, K0SN, K7QA, KJ9C .....	759,473
13. SCCC #1 K6NA, K6LA, N6WIN, WN6K .....	737,513
14. Deep Dixie CC Team 2 AB0S, W5TM, K0WA, N8BJQ, NO5W .....	735,188
15. MWA Northern Hawk Owls NA0N, K0AD, NE9U, AC0W, N0AT .....	722,482
16. NCC/MRRC Team 1 NABV, W1NN, K3UA, K8RYU .....	593,996
17. PVRC NORTHWEST/DISTRICT OF COLUMBIA N8II, N3QE, K3AJ, K3KU, K4FTO .....	592,482
18. YCCC Abiders K1TR, K1ZZ, W1UJ, K1EBY, W1WEF .....	580,789
19. Big Sky Contesters #1 N9RV, N7IP, W7EE .....	563,481
20. Bahma Regulars #1 N4OX, N4KH, KR4F, WA1FCN, K3IE .....	545,576
21. YCCC Gronk's Minions WA1Z, K1BX, W1KM, K5ZD, K1U .....	542,093
22. Deep Dixie CC Team 3 N4WW, AB5OR, N4KS, K3DMG, K4AFE .....	511,927
23. NCCC Team #2 K6SRZ, AJ6V, KA6BIM, W6JTI, K7XC .....	496,255
24. TDXS N5XZ, K5TU, K0NM, AJ4F, WG5H .....	457,583
25. SECC#1 K4BAI, KU8E, N4IQ, NN4K .....	455,818
26. Arizona Outlaws - Ocotillos W7WW, W7ZR, N7IR, N9NA, W7CT .....	454,393
27. KCCC NW0M, K0VBU, K1O1, K0OU .....	413,782
28. CCO #2 VE3KI, VE3NNT, VA3EC, VE3TW, VE3VY .....	401,665
29. Northwest Corner Pocket N7WA, WC7Q, N7ZG .....	371,281
30. KCG FT K4FXN, KE4KY, K4FT, W5MX, ND4Y .....	364,133
31. Deep Dixie CC Team 5 N4TB, NN7CW, W0TG, K4EJ, KM4HI .....	354,069
32. TCG Team DUDE K0EJ, K1GU, K4TCG .....	347,595
33. NCCC Team #3 K6DGW, K9JM, W6OAT, W6EU, K6MM .....	342,125
34. GM Silver W0ETT, K0UK, K0AV .....	334,002
35. SMC K3LP Memorial Team #9 KG9X, N7US, K9CW, K9KM .....	310,425
36. Order of Boiled Owls #1 K2LE, K2QMF, N2GA, KA2D, AH2O .....	294,957
37. Bahma Regulars #2 K4NO, KY4F, W4NBS, NF4J, AB4B .....	289,200
38. SMC K3LP Memorial Team #3 .....	288,733
39. SMC K3LP Memorial Team #2 .....	287,817
40. TCG Team BOB W04O, N4IR, W4UT, KS4X, AB4GG .....	256,896
41. Arizona Outlaws - Organ Pipes WA7LNW, W9CF, K6WSC .....	254,278
42. Deep Dixie CC Team 4 KE8G, NN5O, K8FU, AD5TT, K1DW .....	252,176
43. MCC TEAM #1 VE9AA, VE9HF, VE1DT .....	250,204
44. SECC#2 AD8J, K4HR, K2SX, N4TOL .....	213,650
45. DFWCG BASALT K5CI, K0ZU, N5OE, AD0K, N3BB .....	198,402
46. DFWCG SHALE K5BG, N5XE, K5SS .....	194,848

47. SMC K3LP Memorial Team #5 WT2P, WD9CIR, W9QL, NJ9R, N4TZ .....	190,480
48. PVRC RAPPAHANNOCK KG3V, K4GMH, K4FJ .....	188,704
49. Niagara Frontier Radiosport N2CU, K2QB, AG2AA, K2ZR/4, K2QO .....	181,360
50. PVRC BLUE RIDGE N3UA, KE4S, NC4S .....	168,936
51. MWA Great Gray Owls AE0EE, K0PK, N0KK, K0VG .....	164,536
52. The Braille Team VE5SDH, K5XU, KB8TYJ, W3IUU, KW3A .....	161,025
53. NCC/MRRC Team 3 K8MR, NF8M, K8BL, W8RU .....	157,698
54. Metro DXers W9ILY, WA9LEY, W9OA/9, NV9X .....	151,155
55. SMC K3LP Memorial Team #8 K9CS, KC9UJS, WB8RFB, KB9OWD .....	149,818
56. MWA Boreal Owls W6NF, N0IJ, KA8HDE, KOKX .....	148,065
57. Cornwall 1 K3MSB, N3CU, KA3D, N3RM, K19S .....	147,720
58. TCG Team MYA N4ZI, NA4K, K4DXV, W4BCG .....	145,918
59. TDXS#2 W5FMH, WB5TUF, W5GCX, WB5TKI .....	142,627
60. DFWCG MARBLE W8FN, WB5K, K5ME .....	130,341
61. NCC/MRRC Team 4 KW8N, N8XX, W8KNO .....	130,131
62. NCC/MRRC Team 2 WB8WKQ, N8FYL, K8AJS .....	122,324
63. YCCC Titan Slackers N2AN, W1JQ, W1EBI, W1NK, WC2L .....	121,752
64. FRC Team David NY3B, WA2FZB, N2RJ, N9GG .....	115,165
65. Arizona Outlaws - Prickly Pears NG7Z, AA7V, KC7V, WA8WZG .....	113,468
66. Bristol Yagis W4TTM, AA4DD, N8FF .....	105,784
67. PVRC SWVA1 N3CW, KK4XX, W4WWQ, K4YCR, NN4RB .....	102,188
68. Deep Dixie CC Team 6 N5EE, AF4RK, K5AUP .....	98,340
69. SMC K3LP Memorial Team #4 ND9G, W19WI, K9LA, KW9U .....	97,069
70. SMC K3LP Memorial Team #6 WD8DSB, N9LJX, A19T .....	96,424
71. PVRC K3LP Memorial Team #3 W2CDQ, W4VIC, WR3R, N1SZ .....	92,378
72. PVRC COLONIAL CAPITAL K4MI, KK4R, W3TB, WA3RWP, NR4C .....	91,647
73. DELARA Contest Team K8MP, WD8KNC .....	88,128
74. NCCC Team #5 N3RC, KZ2V, K6GHA, W9KKN .....	87,735
75. DFWCG COAL N1XS, W5JK, WA5LXS .....	84,959
76. Swamp Fox Contest Group WN4AFP, K7OM, NI7R, NE4EA, NJ4F .....	84,856
77. KCG PT KM4FO, K4WW, K4AVX, W4PF .....	74,513
78. NEMARC/AVRA W3YR, K2PLF, KN3A, W3WC, W7IGC .....	68,878
79. SMC K3LP Memorial Team #11 K7JOE, K9PG, K9FO, KA9FOX .....	64,853
80. SMC K3LP Memorial Team #7 W9NXM, N9TF, W9YS, AF9J .....	60,923
81. Flying Iguanas AI2N, NG9M, N9LF .....	59,460
82. CCO #3 VE3PJ, VE3CX, VE3SST, VA3RKM .....	59,257
83. NCCC Team #4 WB6JJ, K6XN, W6FB .....	56,486
84. YCCC Sporadic F AB1J, W1DYJ, AB1XW .....	55,062
85. MCC TEAM #2 VA1MM, VE1OP, VE9CB .....	53,488
86. SCCC #3 N6AA, N6OO, N6AN .....	53,424
87. SHENANDOAH VALLEY WIRELESS K4PZC, W4PJW, K2HYD, AD4TJ .....	50,974
88. MWA Snowy Owls N0BUI, W6GMT .....	47,692
89. NCCC Team #6 W7TR, KE6QR, AF6SA, K6CSL, W6TCP .....	45,815
90. PVRC SWVA2 K4CD, N8AID, N2QT .....	45,392
91. GM Gold KF0UR, K0AE .....	36,016
92. PVRC K3LP Memorial Team #1 NY3A .....	34,608
93. PVRC K3LP Memorial Team #2 WA3AER, N4ZR, NE3K .....	33,319
94. DFWCG TUFF WA8ZBT .....	32,373
95. NCCC Team #7 K6MR, KF6NCX, WK6I .....	32,320
96. TCG Team ML WB4GHZ, W6UB, KA4OTB, AC6ZM .....	29,266
97. SMC K3LP Memorial Team #10 KT9L, AA9A .....	28,469
98. Bristol Dipoles K4EDI, K4BGFV .....	27,545
99. PVRC ANNAPOLIS/LAUREL K4HQK, AH7U .....	26,113
100. PVRC K3LP Memorial Team #4 K8GU .....	16,320
101. Order of Boiled Owls #2 KS2G .....	11,088

## Single Operator Scores

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
K1TR	201,212	1076	187	NH	K2MEN	1,947	59	33	NJ	N4ZZ	238,368	1146	208	TN
WA1Z	180,621	987	183	NH	N2RJ	1,400	50	28	NJ	N4AF	224,028	1143	196	NC
K1ZZ	134,248	776	173	CT	K4RUM	1,344	48	28	NY	N4YDU	222,354	1123	198	NC
K1BX	118,252	799	148	NH	W2DXE	940	47	20	NY	KØEJ	219,291	1091	201	TN
W1KM	114,120	634	180	MA	WC2L	888	37	24	NY	K7SV	214,656	1032	208	VA
K2LE	111,315	615	181	VT	WA2CHV	480	24	20	NY	N4BP	199,182	1119	178	FL
W1UJ	104,747	703	149	MA	*W2KYM	442	26	17	NY	N9NB	169,799	889	191	VA
N2AN (WC4E)	85,556	586	146	MA	AB2DE	408	24	17	NJ	K5KG	163,296	864	189	FL
W1QK	83,655	585	143	CT	K1NY	336	24	14	NY	N4PN	161,568	792	204	GA
NA3D/1	82,485	585	141	ME	NG2D	308	22	14	NY	K4BAI	161,348	836	193	GA
K1EBY	80,282	586	137	CT	*WB2HLM	200	20	10	NY	N4TB	147,423	939	157	FL
W1EQ	78,535	565	139	CT	*WA2NYY	169	13	13	NY	WO4O	147,261	771	191	FL
K1VUT	75,852	588	129	MA	KC2TVJ	44	11	4	NY	KU8E	142,232	773	184	GA
K5ZD	68,100	454	150	MA	AC2IK	0	0	0	NY	N4OX	138,384	744	186	FL
K1U	61,000	488	125	CT						K4NO	135,632	784	173	AL
W1WEF	60,300	450	134	CT	AA3B	289,820	1348	215	PA	N4WW (WF3C)	132,997	743	179	FL
AB1J	50,895	435	117	MA	K3WW	209,520	1080	194	PA	N4UA	131,600	752	175	VA
N1DC	40,926	359	114	MA	K3TN	170,040	872	195	MD	NN7CW	127,143	831	153	FL
W1FJ	35,047	347	101	MA	N3QE	157,644	906	174	MD	N4KH	119,642	734	163	AL
AB1XX	34,668	324	107	NH	K3AJ	144,981	801	181	MD	K4XL	118,503	693	171	VA
K1MD	34,578	306	113	RI	K3UA	138,768	784	177	PA	K4FXN	113,652	693	164	KY
WW1ME	31,244	292	107	ME	K3RA	128,138	811	158	MD	N4IQ	109,668	703	156	SC
NJ1T	24,253	307	79	MA	K3MD	119,071	713	167	PA	K8MR	108,836	644	169	FL
WO1N	24,130	254	95	MA	K3UL	103,312	587	176	PA	N4KS	108,337	827	131	FL
K1RM	23,698	289	82	CT	WW3S	101,996	593	172	PA	N4ZI	106,371	669	159	TN
W1JQ	22,785	245	93	CT	N3HEE	94,050	627	150	MD	KY4F	99,134	679	146	AL
NB1N	20,382	237	86	MA	K3MSB	89,250	525	170	PA	KR4F	98,784	672	147	AL
K1SM	16,898	238	71	MA	W3KB	82,748	548	151	PA	WA1FCN	97,026	618	157	AL
K1ESE	14,878	173	86	ME	NY3B	77,880	472	165	PA	KG3V	93,378	591	158	VA
W1ARY	13,650	195	70	CT	W2CDO	68,445	507	135	MD	K3IE	91,740	556	165	TN
*K1SX	12,558	161	78	MA	KB3AAY	56,192	439	128	MD	AD8J	90,280	610	148	NC
N1VH	8,768	137	64	MA	K3KU	49,335	429	115	MD	K4GMH	87,514	658	133	VA
KK1W	7,560	120	63	MA	N8NA	42,896	383	112	DE	N3UA	83,352	552	151	VA
W1EBI	6,916	182	38	MA	NY3A	34,608	412	84	PA	N6AR	82,192	467	176	FL
WA1DRQ	6,903	117	59	MA	KB3LIX	33,335	295	113	PA	K1GU	80,784	561	144	TN
WZ1R (N1RR)	6,440	140	46	MA	W3DQ (NN3W)	31,720	305	104	DC	KE4KY	79,332	601	132	KY
W1NK	5,607	89	63	CT	N3CU	26,857	251	107	PA	W4YE	79,092	507	156	VA
K1IB	5,180	140	37	VT	WA3LAB	25,245	255	99	PA	N4CW	74,796	542	138	NC
*KU1N	4,731	83	57	MA	W3YR	23,716	242	98	MD	N3CW	72,590	595	122	VA
K1JB	4,257	99	43	ME	N3XF	21,567	273	79	PA	K4ORD	69,920	460	152	VA
W1DYJ	3,264	68	48	ME	K2PLF	20,793	239	87	MD	KE4S	68,484	439	156	VA
N1RR	3,069	99	31	MA	NA3V	19,688	214	92	PA	W2OR	64,672	688	94	FL
K1NZ	1,584	48	33	MA	WA3AER	19,671	249	79	MD	K4FT	60,768	422	144	KY
W1PY	1,484	53	28	MA	KN3A	19,488	203	96	PA	K4AFE	59,361	421	141	TN
K7RB/1	1,378	53	26	ME	AB3AI	17,574	202	87	PA	W5MX	59,280	494	120	KY
N1AW	925	37	25	MA	N3AM	17,574	202	87	MD	ND4Y	51,101	373	137	KY
AB1XW	903	43	21	MA	KA3D	16,810	205	82	PA	K4HR	49,536	384	129	SC
KC1CRS	520	26	20	MA	K8GU	16,320	204	80	MD	W1AJT (VE3UTT)	49,140	420	117	NC
*N1JI	420	28	15	NH	WA2WDT	15,272	184	83	MD	W4TTM	48,970	415	118	TN
*K1PDY	242	22	11	NH	N4ZR	13,632	192	71	MD	WD5F	48,216	392	123	FL
N1NN	187	17	11	MA	N3RM	12,528	174	72	PA	K4TCG (K4RO)	47,520	352	135	TN
					W3IUU	10,047	197	51	MD	K2SX	46,498	347	134	SC
N2NT (N2NC)	238,576	1147	208	NJ	K3RMB	9,702	147	66	PA	N4IR	46,072	443	104	TN
AB3CX	127,276	677	188	NY	W3RGA	9,362	151	62	PA	N4OO	45,600	400	114	GA
K2QMF	102,750	685	150	NY	NC3Y	6,448	124	52	MD	KC4D	44,220	402	110	VA
W2EG	83,261	599	139	NY	N3WMC	5,886	109	54	PA	NR4M	43,432	488	89	VA
N2CU	60,190	463	130	NY	N3TE	4,312	88	49	MD	NN4K	42,570	387	110	GA
AI2N	52,480	410	128	NY	ND3N	4,116	98	42	MD	K4MI	40,698	357	114	VA
KE2D	50,625	405	125	NJ	W3WTD	4,066	107	38	MD	KM4FO	39,284	322	122	KY
K2QB	44,368	376	118	NY	W3WC	4,056	78	52	PA	AA4DD	38,115	315	121	TN
AG2AA	42,189	343	123	NY	WS3C	3,816	106	36	PA	N4UC	37,510	310	121	AL
N2GA	35,020	340	103	NY	AB3U	3,772	82	46	MD	K4OAQ	35,748	331	108	TN
WA2FZB	34,845	345	101	NJ	K4EET	2,508	66	38	MD	WB4YDY	35,462	298	119	TN
*K2YG	28,600	260	110	NJ	KW3A	2,494	58	43	PA	WZ4M	35,400	295	120	NC
KA2D	28,500	285	100	NY	W3MR	2,146	58	37	MD	NA4K	35,203	329	107	TN
N2UU	28,500	300	95	NJ	WR3R	2,088	58	36	MD	W4NBS	32,550	310	105	AL
W2LE	26,108	244	107	NJ	KA3QLF	2,079	63	33	PA	K4FTO	32,208	264	122	VA
*K2YGM	19,383	213	91	NY	W2DLT	2,067	53	39	PA	K2WK	29,298	257	114	VA
NO2C	18,400	200	92	NY	K2LNS	1,440	60	24	PA	K2ZR/4	28,518	294	97	FL
WB2NFL	17,640	196	90	NY	N9GG	1,040	40	26	PA	KK4R	28,227	291	97	VA
N2CJ	17,114	199	86	NJ	W7IGC	825	33	25	MD	N4TOL	27,336	268	102	GA
KA2FHN	11,289	159	71	NY	WC3O	663	39	17	PA	AF4RK	27,040	338	80	FL
KS2G	11,088	168	66	NY	*K3HX	464	29	16	PA	K4EJ	26,563	263	101	FL
KR2AA	9,845	179	55	NY	KF3G	144	16	9	PA	K4EDI	26,269	241	109	TN
K2CYE	9,519	167	57	NY	WA4TAS	130	13	10	DE	K4HQK	26,104	251	104	VA
*K2NV	6,771	111	61	NY	W3FA	80	10	8	MD	K4WW	25,048	248	101	KY
*K2QO	6,095	115	53	NY	W4WW	48	8	6	PA	K4BX	24,849	251	99	TN
W2VM	4,876	106	46	NY	N3JNX	20	5	4	PA	KM4HI	23,540	220	107	FL
WB2NVR	1,980	66	30	NY	NE3K	16	4	4	MD	W4UT	23,435	215	109	TN
					N1SZ	1	1	1	MD					

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
WN4AFP	23,130	257	90	SC	W4GDG	825	33	25	VA	K5MV	14,454	219	66	TX
K3SEN	23,040	240	96	FL	N8AID	660	33	20	VA	NQ5M	13,013	169	77	OK
KJ4IWZ	21,854	223	98	TN	*W8DXU/4	580	29	20	SC	ADØK	11,704	154	76	TX
W4VIC	21,844	254	86	VA	N3CKI	527	31	17	NC	W8OV	11,592	168	69	TX
W4SNF (VE3AYR)	21,483	231	93	FL	N2QT	512	32	16	VA	W3DQN	9,450	150	63	TX
KS4L	21,318	209	102	AL	K8RGI	456	24	19	FL	K5SS	8,122	131	62	TX
KK4XX	21,312	222	96	VA	W2ARP	408	24	17	FL	N5QQ	7,392	168	44	TX
KS4X	21,008	208	101	TN	KM4CH	280	20	14	KY	*W5LA	7,296	128	57	LA
K7OM	20,181	217	93	SC	NØSMX	272	17	16	FL	NA5J	7,139	121	59	TX
WN7S	20,038	233	86	VA	N4MU	264	24	11	FL	WB7PVL	7,000	125	56	TX
W4AU	19,749	227	87	VA	W6IHG	234	18	13	VA	WB5K	6,565	101	65	TX
K4PZC	19,380	228	85	VA	NQ4K	208	16	13	VA	WG5H	6,201	117	53	TX
AB4GG	19,120	239	80	TN	AI4WW	190	19	10	FL	*KF5VRD	5,432	97	56	OK
N8FF	18,699	271	69	TN	*WD5DAX	176	16	11	TN	N5NAA	5,192	118	44	TX
W4PJW	18,170	230	79	VA	K54YX	99	11	9	SC	W5GN	5,141	97	53	TX
WA8OJR	17,347	209	83	SC	NR4C	99	11	9	VA	W5MJ	4,896	102	48	TX
K2MK	17,143	217	79	FL	W7FKI	88	11	8	TN	N9NM	4,224	88	48	TX
NC4S	17,100	190	90	NC	N9EP/4	88	11	8	TN	N5PD	4,150	83	50	MS
W4TM	16,965	195	87	GA	N2IVY	30	6	5	SC	KK5JY	3,030	101	30	OK
NF4J	16,684	194	86	AL	WT9Q/4	9	3	3	FL	WA5LXS	2,812	76	37	TX
NI7R	16,212	193	84	SC						K7ZYV	2,556	71	36	MS
KU4V	14,896	196	76	NC	N2IC	418,872	1689	248	NM	K5ME	2,430	81	30	TX
*WB4GHZ	14,028	167	84	TN	NR5M (K5GA)	276,864	1236	224	TX	KC5DCT	2,205	63	35	TX
K2PS	13,455	207	65	FL	K5TR (K5OT)	245,427	1209	203	TX	N5VR	1,566	58	27	TX
W3TB	13,124	193	68	VA	K5PI	235,228	1084	217	TX	AF5CC	1,363	47	29	OK
NE4EA	12,996	171	76	SC	NM5M	221,885	1115	199	TX	K5IX	1,320	44	30	TX
KB9DKR	12,802	173	74	TN	N4OGW	215,321	1093	197	MS	*KD5QAQ	1,274	49	26	TX
NJ4F	12,337	169	73	SC	WØUO	209,715	1023	205	TX	WB5AAA	969	51	19	LA
*W4ER	11,658	201	58	AL	K5CM (W5CW)	206,600	1033	200	OK	*W5TTE	954	53	18	NM
W4OEP	11,070	135	82	FL	K2ZD	204,216	1016	201	LA	AA5VU	660	30	22	TX
K2PI	10,800	180	60	VA	N5XZ	203,975	1025	199	TX	WA5LFD	640	32	20	TX
W4SPR	10,176	212	48	FL	K5KU	198,790	1030	193	LA	KD5JHE	390	26	15	MS
WA3RWP	9,499	161	59	VA	K5RT	183,512	904	203	TX	*KB5JO	374	22	17	TX
K2HYD	8,892	156	57	VA	N5RZ	182,787	957	191	TX	N3BB	132	12	11	TX
K4AVX	8,804	142	62	KY	K5TU	177,450	1014	175	TX	*WA5RR	128	16	8	TX
K5AUP	8,804	142	62	FL	N5FO	169,764	903	188	NM	AB5XM	42	7	6	TX
KSØCW	8,732	118	74	VA	W5TM	162,158	911	178	OK	KI5EE	25	5	5	LA
AA4CF	8,436	114	74	GA	AC4CA	141,155	763	185	TX					
W6UB	8,118	123	66	TN	K5AX	141,069	797	177	TX	K6NA (KI6RRN)	318,886	1411	226	CA
WØQQG	8,100	135	60	VA	WQ5L	135,424	736	184	MS	N5ZO	303,580	1412	215	CA
NS4X	7,920	132	60	TN	AB5OR	131,712	784	168	MS	NF1R	192,035	965	199	CA
K4FJ	7,812	124	63	VA	AE5GT	129,285	765	169	TX	K6LA	185,444	1036	179	CA
N4UEZ	7,535	137	55	NC	W8FN	121,346	731	166	TX	N3ZZ	171,616	992	173	CA
N4QWF	7,482	129	58	VA	KG5U	115,395	735	157	TX	N6ZFO	170,317	839	203	CA
K2AV	6,624	138	48	NC	K5BG	114,810	645	178	TX	N6WIN	153,170	901	170	CA
KV4AC	6,554	113	58	AL	K5NZ	114,580	674	170	TX	K6SRZ	143,021	799	179	CA
KM4JA	6,384	114	56	AL	N5UM	110,802	626	177	OK	K9YC	140,576	764	184	CA
N3KN	5,952	96	62	VA	NO5W	104,355	773	135	LA	K6NR	137,085	741	185	CA
W4WWQ	5,670	135	42	VA	K5CI	101,910	645	158	TX	W1RH	131,835	705	187	CA
K4MIL	5,488	98	56	VA	K5TA	100,806	634	159	NM	AJ6V	131,196	841	156	CA
AB4B	5,200	100	52	AL	N5DO	79,407	519	153	TX	W1SRD	130,088	707	184	CA
K9UQN	5,175	115	45	TN	NN5O	76,432	562	136	MS	AC6T (@W6RFU)	126,651	777	163	CA
AD4TJ	4,532	103	44	VA	N5XE	71,916	461	156	OK	W6TK	123,970	805	154	CA
KA4OTB	4,128	96	43	TN	W5FMH (WP3C)	69,559	523	133	TX	N6IE	102,168	594	172	CA
K8LF	4,100	82	50	VA	K9OZ	64,904	488	133	AR	K9JM	86,840	520	167	CA
N4KW	3,627	93	39	NC	*N5EE	62,496	434	144	AR	W6OAT	82,350	610	135	CA
KG5HVO	3,552	111	32	AL	N1XS	61,180	460	133	TX	WN6K	80,013	537	149	CA
KA3MTT	3,320	83	40	KY	WA5SOG	59,630	445	134	AR	N6MJ	77,816	568	137	CA
NR3N	3,080	77	40	VA	KØNM	53,845	445	121	TX	*W6JTI	72,988	514	142	CA
KO4OL	3,066	73	42	KY	K5XU	52,116	404	129	MS	K6IJ	59,568	408	146	CA
AC6ZM	2,992	88	34	TN	WØVX	51,100	350	146	TX	N6PN	56,304	368	153	CA
K4DXV	2,680	67	40	TN	KØZU	49,068	423	116	TX	KG6N	49,920	416	120	CA
ND4G	2,400	60	40	FL	K8LS	45,339	357	127	TX	N3RC	48,800	488	100	CA
AA4NP	2,295	85	27	FL	WB5TUF	41,310	255	162	TX	N6MU	48,150	321	150	CA
KA4BVG	2,100	70	30	TN	K8FU	40,900	409	100	OK	N6AA	42,112	376	112	CA
K4KZ	2,050	50	41	NC	N5JJ	36,064	392	92	TX	AH6KO	35,712	384	93	KH6
AI4QQ	2,040	60	34	VA	*N5OE	35,588	287	124	TX	W6FA	35,072	274	128	CA
N3EA	1,824	57	32	FL	AD5TT	35,350	350	101	TX	WB6JJJ	34,020	270	126	CA
*K4YCR	1,736	56	31	VA	WA8ZBT	32,373	297	109	TX	W6EU	32,239	313	103	CA
K4JC	1,711	59	29	FL	WØTG	29,400	294	100	TX	K6MR	32,058	274	117	CA
W4BCG	1,664	52	32	TN	KD5J	21,321	207	103	AR	AA6PW	31,577	347	91	CA
K2LML	1,540	55	28	FL	W5JK	20,967	241	87	TX	KH6CJJ	31,200	312	100	KH6
W4PF	1,377	51	27	KY	K5JX	20,726	241	86	TX	WU6X	26,598	286	93	CA
N4NTO	1,364	44	31	NC	NQ5K (W5ASP)	19,516	287	68	TX	W7TR (KH2TJ)	26,182	247	106	CA
K4BGV	1,276	44	29	TN	K1DW	19,304	254	76	LA	KA3DRR (@W6SL)	25,824	269	96	CA
AJ4AY	1,248	39	32	AL	KD2KW	19,292	212	91	TX	KZ2V	22,477	247	91	CA
KI4CBN	1,189	41	29	NC	*AE5X	18,291	201	91	TX	N2NS	21,900	219	100	CA
N4ARO	1,152	48	24	TN	AA5AU	17,848	194	92	LA	N6WM	21,338	227	94	CA
WX4W	1,081	47	23	KY	W5GCX	16,482	201	82	TX	W6RC	19,620	218	90	CA
NN4RB	880	40	22	VA	AJ4F	16,112	212	76	TX	W6ZL	19,500	250	78	CA
*W4ZGR	860	43	20	FL	WB5TKI	15,276	201	76	TX	K6XN	18,832	214	88	CA

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
K6MM	16,264	214	76	CA	K7GS	36,462	354	103	WA	NS8O	13,530	165	82	OH
K6RIM	15,438	166	93	CA	K7SS	34,632	296	117	WA	AF8A	12,338	199	62	OH
*K6GHA	13,728	176	78	CA	KL2R (N1TX)	23,920	299	80	KL7	AB8OU	11,242	154	73	OH
WH7W	13,552	176	77	KH6	W7CT	21,682	293	74	UT	K8CMO	10,887	191	57	OH
AE6JV	13,529	163	83	CA	W7VXS	20,615	217	95	WA	NX8G	10,064	148	68	OH
KE6QR	9,453	137	69	CA	KB7N	17,595	207	85	WA	KG8I	9,720	135	72	MI
WA6URY	8,127	129	63	CA	W7POE	17,394	223	78	WA	*N8XX	9,581	143	67	MI
N6OO	7,930	122	65	CA	N7HHS	17,390	185	94	WY	N8VV	8,437	143	59	OH
NN6DX (W1PR)	7,560	120	63	CA	AD7XG	17,280	192	90	WA	WN8P	7,434	126	59	MI
AF6SA	7,437	111	67	CA	W7GF	17,199	189	91	OR	W8KNO	5,800	116	50	OH
N6VH	6,944	124	56	CA	N7VPN	16,808	191	88	WA	AE8TF	4,914	91	54	MI
W6SFI	6,104	109	56	CA	W7UDH	16,716	199	84	WA	WA8KAN	4,144	112	37	WV
KI6X	4,947	97	51	CA	K7ULS	15,089	191	79	UT	N8XE	3,572	76	47	OH
WB6BET	4,845	95	51	CA	KJ9C	13,790	197	70	MT	KD8VMM	3,344	88	38	OH
K6JF	4,554	99	46	CA	KC7V	12,844	169	76	AZ	W1PDI	2,337	57	41	OH
KM6HB	4,400	88	50	CA	K7WA	11,050	170	65	WA	KE8Y	2,184	56	39	OH
KI6OY	4,263	87	49	CA	W7WHY	9,672	156	62	OR	W8RU	2,067	53	39	MI
AA2IL	4,214	86	49	CA	KB7AZ	9,198	126	73	AZ	NE8J	1,742	67	26	MI
KM6I	3,680	92	40	CA	K7AZT	8,496	144	59	AZ	W8PN	1,650	50	33	OH
W6FB	3,634	79	46	CA	WA8WZG	7,490	107	70	AZ	WV8TIM	1,260	45	28	WV
N6AN	3,382	89	38	CA	K7RAT (N6TR)	7,250	125	58	OR	W8EH	1,127	49	23	OH
KØDTJ	2,886	78	37	CA	*W7XT	6,900	115	60	MT	WD8KNC	1,071	51	21	OH
W9KKN	2,730	78	35	CA	AL1G	6,258	149	42	KL7	N4DLR	828	36	23	OH
K6CSL	2,688	64	42	CA	AF7NX	5,712	102	56	OR	KØACP	726	33	22	MI
*W6MZ	2,680	67	40	CA	K7ZG	4,559	97	47	WA	N3JUT	551	29	19	OH
K6XV	2,580	60	43	CA	AC7JW	4,092	93	44	UT	N8DAH	322	23	14	MI
N6TQ	2,520	60	42	CA	AB7MP	3,956	92	43	WA	NQ8O	252	18	14	OH
NA2CC	2,478	59	42	CA	KB7Q	3,456	108	32	MT	W8AKS	247	19	13	WV
W6JBR	1,584	48	33	CA	N7EIE	3,285	73	45	WA	N8TCP	230	23	10	OH
K6PB	1,530	51	30	CA	WU9B	2,624	82	32	AZ	WJ8SON	210	21	10	MI
*AA6OC	1,530	51	30	CA	W7OQ	2,560	64	40	OR	W8CUB (K2CUB)	160	20	8	MI
KK6TV	1,302	42	31	CA	WA7NWL	2,508	76	33	AZ	WA8TM	88	11	8	MI
K6DGQ	1,232	44	28	CA	KZ1O	2,006	59	34	AZ	WB8SDA	72	9	8	OH
W4EF	1,222	47	26	CA	*KK7A	1,922	62	31	ID	AC8PL	60	10	6	MI
W6RKC	1,215	45	27	CA	W8TK	1,914	58	33	AZ					
NC6Q	1,173	51	23	CA	K6KAL	1,664	52	32	AZ	N9CK	249,240	1240	201	WI
W6RGG	1,170	45	26	CA	KN7T	1,620	54	30	WA	W9RE	248,236	1084	229	IN
N6GP	578	34	17	CA	W8NOR	1,421	49	29	AZ	WE9V	193,420	1018	190	WI
N6IP (K6XX)	360	24	15	CA	KF7DX	1,271	41	31	WA	WT9U	176,046	962	183	IN
KC6KGL	336	21	16	CA	*N6HI	1,188	44	27	AZ	K9MA	171,423	907	189	WI
KF6NCX	190	19	10	CA	W7TAO	1,015	35	29	WA	K9NR	162,056	862	188	IL
WK6I	72	9	8	CA	W7RX	925	37	25	OR	N9CO	156,267	873	179	IL
W6TCP	55	11	5	CA	KR6D	912	38	24	NV	KG9X	147,525	843	175	IL
K6MI	30	6	5	CA	NL7V	900	45	20	KL7	K9NW	129,646	781	166	IN
*AH7U	9	3	3	KH6	N7TMS	792	44	18	ID	K9ZO	121,180	730	166	IL
KH6TU (AD6E)	1	1	1	KH6	WR7Q	558	31	18	UT	K9BGL	119,716	692	173	IL
*NN7SS (K6UFO)														
N9RV	392,418	1677	234	MT	KA6JLT	216	18	12	NV	NE9U	113,448	696	163	WI
K7JR (KL9A)	364,320	1584	230	OR	W0BF	196	14	14	AZ	W9IU	110,313	721	153	IN
WJ9B	253,344	1218	208	ID	W7TX	120	12	10	ID	N7US	93,536	592	158	IL
K7RL	246,951	1193	207	WA	WA7BME	36	6	6	UT	W9ILY	89,487	549	163	IL
K8IA	246,870	1170	211	AZ	NC7H	16	4	4	ID	WD8DSB	80,203	577	139	IN
KØSN	238,989	1189	201	MT	NA7EE	12	4	3	OR	K9CS	75,544	497	152	IL
KY7M (@NA7TB)	221,235	1029	215	AZ	K7DBN	10	5	2	UT	K3WA	74,316	563	132	IL
K6LL	217,464	1066	204	AZ	W7YAQ	1	1	1	OR	WB9HFK	66,303	477	139	IL
W7WW (W6RW)	163,371	923	177	AZ						WS9V	64,134	509	126	IL
NG7M	157,435	851	185	UT	N8II	208,314	978	213	WV	K9MMS	63,349	443	143	IL
N7WA	144,418	886	163	WA	NA8V	195,020	995	196	MI	WW9R	61,924	452	137	WI
K7QA	142,374	778	183	MT	W1NN	165,168	888	186	OH	N5RP	59,163	481	123	IL
K7RI (K7ZQ)	140,515	895	157	WA	N8BJQ	140,070	805	174	OH	KEØL	57,710	398	145	IL
W7ZR	126,635	817	155	AZ	KW8N	114,750	675	170	OH	KI9A	56,992	416	137	IL
K6DGW	124,432	707	176	NV	K8RYU	95,040	540	176	OH	NØIJ	56,342	394	143	WI
WC7Q	119,295	723	165	WA	WB8WKQ	88,008	579	152	MI	WT2P	55,499	437	127	IL
N7IP	117,688	626	188	MT	K8MP	87,057	569	153	OH	WD9CIR	52,008	394	132	IL
WA7LNW	117,500	625	188	UT	W8TM	80,958	618	131	OH	KC9UJS	48,910	365	134	IL
N7ZG	107,568	648	166	WA	KE8G	80,190	729	110	OH	ND9G	45,924	356	129	IL
K4XU	104,104	728	143	OR	K3DMG	79,520	497	160	OH	K9CW	43,099	329	131	IL
W7GKF	91,015	545	167	WA	KI8R	79,515	513	155	OH	K9GS	41,880	349	120	WI
KA6BIM	80,370	470	171	OR	W8WU	57,951	423	137	WV	W9QL	41,624	344	121	IL
W9CF	76,035	555	137	AZ	KB8TYJ	34,026	318	107	MI	K9OR	41,040	360	114	IL
*N7IR	73,843	539	137	AZ	K3JT	31,680	352	90	WV	NJ9R	38,520	321	120	IL
N9NA	68,862	499	138	AZ	N8TFD	31,007	307	101	OH	WA9LEY	37,145	323	115	IL
K5ZM	68,783	481	143	OR	W8ASA	26,565	253	105	OH	K7JOE	36,366	418	87	IN
K7XC	68,680	505	136	NV	NF8M	23,835	227	105	MI	W9NXM	36,138	317	114	IL
W7PU (N7EPD)	67,196	428	157	WA	K8BL	22,960	410	56	OH	WI9WI	35,956	356	101	WI
K7GA	66,297	539	123	AZ	AA8OY	21,576	232	93	OH	AC9KW	34,528	332	104	IL
K6WSC	60,743	437	139	AZ	KB8KMH	21,513	213	101	WV	K9DUR	33,354	306	109	IN
W7EE	53,375	427	125	MT	N8FYL	19,278	238	81	MI	N1RU	31,672	296	107	IN
NG7Z	51,546	426	121	AZ	*K8ZT	18,236	194	94	OH	K9KM	26,265	309	85	IL
KI7Y	49,476	399	124	OR	K8AJS	15,038	206	73	OH	WB8RFB	25,334	239	106	IL
AA7V	41,588	281	148	AZ	W8MET	14,337	177	81	OH	W9OA/9	23,782	253	94	WI

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
KT9L	23,217	213	109	IN	AEØEE	86,940	540	161	MN	VA3EC	70,905	489	145	ON
K9PG	20,874	213	98	IL	NEØU	84,700	550	154	MN	VE3KP	67,680	470	144	ON
K9SE	17,114	199	86	IN	NØAT	84,334	566	149	MN	VE5SDH	62,342	427	146	SK
AC9S	17,052	203	84	IL	N7WY	78,736	532	148	MO	VE3AQ	60,168	436	138	ON
N9TF	15,928	181	88	IL	KØPK	69,309	459	151	MN	VE2FK	58,424	536	109	QC
WB8BZK	15,092	196	77	IL	W6NF	67,932	459	148	MN	VE3GFN	49,250	394	125	ON
N9LJX	14,800	200	74	IN	WØBH	67,024	472	142	KS	VA2CZ	47,988	372	129	QC
W9SMC (K9GY)	13,845	195	71	IL	KØPC	55,272	392	141	MN	VE3TW	47,520	360	132	ON
K9XE	11,524	172	67	IL	AD1C	55,080	510	108	CO	VE3VY	42,126	354	119	ON
KW9E	11,476	151	76	WI	NØAX	53,734	401	134	MO	VE3KZ	38,908	284	137	ON
K9NO	10,800	150	72	IL	AAØAI	50,512	328	154	IA	VA1MM	33,300	333	100	NS
WQ9T	10,512	146	72	IL	NØBUI	43,870	410	107	MN	VE3PJ	27,089	263	103	ON
W9XT	9,880	130	76	WI	KØTC	38,250	306	125	MN	*VE3HG	26,622	261	102	ON
W9TC	9,600	150	64	IN	NØUY	36,920	284	130	MN	VE2ZT	22,098	254	87	QC
K9LA	9,375	125	75	IN	*KEØTT	34,335	315	109	MN	VE5GC	20,740	244	85	SK
KYØQ	8,970	138	65	IL	KFØUR	31,968	333	96	CO	VE3CX	19,224	216	89	ON
KØTQ	7,503	123	61	IN	KØOU	28,080	260	108	MO	VE1DT	18,744	213	88	NS
W9YS	6,780	113	60	IL	KIØJ	26,966	278	97	CO	VE7CA	18,676	203	92	BC
*W9ILF	6,728	116	58	IN	KDØZV	24,115	265	91	IA	VE2IR	17,024	224	76	QC
K9FO	6,466	106	61	IL	WBØN	23,652	219	108	MN	VE1OP	16,756	236	71	NS
KC9K	6,050	121	50	IL	WØUY	23,205	221	105	KS	VE3RCN	16,353	207	79	ON
K9CC	5,890	95	62	IL	ADØRW	22,620	260	87	IA	VE7IO	15,189	183	83	BC
KW9U	5,814	102	57	IL	KØVC	20,148	219	92	MO	VA7MM	14,608	166	88	BC
NG9M	5,280	96	55	IN	NØKJI	16,728	204	82	CO	VA2WA	14,442	174	83	QC
AA9A	5,252	101	52	WI	*NØLY	15,833	223	71	MO	VE3TM	13,455	195	69	ON
K9IJ	4,606	98	47	IL	WØOVM	13,932	172	81	CO	VE3FJ	13,124	193	68	ON
K9KE	4,080	80	51	IL	WØGUY	13,608	168	81	KS	VE5VG	11,786	166	71	SK
ND9Z	3,528	98	36	WI	KA8HDE	13,182	169	78	MN	VE6QO	9,982	161	62	AB
N4TZ	2,829	69	41	IN	KØHNC	11,765	181	65	KS	VA3FN	9,240	140	66	ON
N9JF	2,343	71	33	IL	NØGOS	10,877	149	73	CO	VE3NZ	9,152	176	52	ON
*KI9S	2,275	65	35	IN	KØKX	10,609	103	103	MN	VE3MM	7,252	148	49	ON
N9GUN	2,205	63	35	IL	WØGXA	7,992	148	54	IA	VE3SST	7,224	129	56	ON
KØPG	2,178	66	33	IL	KØMPH	7,752	136	57	MN	VE9OA	6,783	119	57	NB
*AF9J	2,077	67	31	WI	WØKIT	6,496	116	56	CO	*VE3DQN	6,300	105	60	ON
N9LF	1,700	50	34	IN	NØHDE	6,426	126	51	IA	VE1RSM	6,144	128	48	NS
W9OSI	1,666	49	34	IL	WØHBH	5,880	120	49	MO	*VE6NS	5,841	99	59	AB
KC9QQ	1,624	58	28	IN	KØJV	5,151	101	51	SD	VA3RKM	5,720	110	52	ON
AI9K	1,540	55	28	IL	NØKK	4,929	93	53	MN	*VE3XT	5,115	93	55	ON
AI9T	1,421	49	29	IL	KØTG	4,860	135	36	MN	VE9VIC	4,860	81	60	NB
KA9CAR	1,188	54	22	IL	WAØLJM	4,275	95	45	MN	VE9CB	3,432	78	44	NB
W9FY	1,176	42	28	IL	ACØE	4,272	89	48	KS	VE3LVW	1,827	63	29	ON
KA9FOX	1,147	37	31	WI	KØAE	4,048	92	44	CO	VE7BGP	1,645	47	35	BC
KD9MS	1,134	42	27	IL	WBØU	3,872	88	44	MN	VA3IK	1,595	55	29	ON
*NV9X	741	39	19	IL	W6GMT	3,822	98	39	MN	VE9ML	1,392	48	29	NB
*N9XAU	640	32	20	IN	ADØHJ	3,381	69	49	MN	VE4MR	1,144	52	22	MB
W9KG	480	24	20	IN	KØVG	3,358	73	46	MN	VA3TIC	952	34	28	ON
N9LEO	432	24	18	IN	NUØW	3,034	74	41	MN	VE3SCN	406	29	14	ON
WAØJTL	432	27	16	IN	NZØT	2,987	103	29	MO	*VE3WZ	384	32	12	ON
K9IR	336	21	16	IL	KØKPH	2,442	66	37	NE	VE7KY	200	20	10	BC
KB9S	300	20	15	WI	*WB9QAF	2,380	68	35	NE	VE2QV	160	16	10	QC
N9VPV	204	17	12	IL	KØWRY	2,304	72	32	KS	VE3QN	154	14	11	ON
KB9OWD	30	6	5	WI	WAØLIF	1,976	52	38	MN	VE6EX	100	10	10	AB
K9QQ	25	5	5	IL	KØMD	1,802	53	34	MN					
N8HWV	12	4	3	WI	KNØV	1,457	47	31	MN	NP2X (KVV)	150,181	839	179	KP2
WB9TFH	3	3	1	WI	KØUA	1,216	38	32	MO	XE2S	10,716	188	57	XE
KC9BZL	0	0	0	IN	*ADØBI	612	34	18	MO	HI8A	6,102	113	54	HI
KØEU	299,922	1351	222	CO	AE5S	486	27	18	NE	CM8NMN	660	30	22	CM
NAØN	228,512	1184	193	MN	WA2JQZ	286	26	11	CO	XE2AU	589	31	19	XE
KØAD	196,377	977	201	MN	KJØP	25	5	5	MN					
ABØS	180,375	975	185	KS						AH2O	17,372	202	86	DX
NØNI	174,768	993	176	IA	VE3DZ	244,530	1170	209	ON	PY2NY	15,824	184	86	DX
KØWA	148,230	810	183	KS	VE5MX	236,880	1128	210	SK	UR5MM	697	41	17	DX
NWØM	138,890	817	170	MO	VE3JM	211,437	1107	191	ON	F6JOE	510	30	17	DX
WØETT	129,294	653	198	CO	VE3EJ	172,156	892	193	ON	JO7KMB	390	26	15	DX
KØVBU	127,908	748	171	KS	VE3KI	146,890	794	185	ON	G4RMV	240	16	15	DX
KØFX	123,471	807	153	CO	VE3VN	141,340	764	185	ON	JA1YNE (JR1NKN)	162	18	9	DX
KIØI	118,904	668	178	MO	VE3MGY	129,440	809	160	ON	JK1HIY	30	6	5	DX
NSØR	116,028	879	132	KS	VE3RZ	125,475	717	175	ON	JA5QJX/Ø	4	2	2	DX
KØUK	111,239	643	173	CO	VE9AA	121,924	748	163	NB	DL6RAI	4	2	2	DX
WØCO	101,386	622	163	CO	VA7ST	120,520	655	184	BC	PU2UJG	1	1	1	DX
K2DSW	99,864	684	146	IA	VE9HF	109,536	672	163	NB	JE3ECD	0	0	0	DX
ACØW	99,811	661	151	MN	VE5SF	106,546	638	167	SK	JF2FIU	0	0	0	DX
*KØAV	93,469	619	151	CO	VE3NNT	94,224	624	151	ON	*QRP				
NØUR	93,444	599	156	MN	VE3YT	85,136	626	136	ON					
					VE2BWL	82,688	544	152	QC					

## Single Operator Scores

### Multi-Two Scores

Call Sign	Score	QSOs	Mults	QTH	Operators
W2FU	615,168	2304	267	NY	K0SM, K2TJ, N2ZN, W2GN
K5RM	589,815	2313	255	AR	K5GO, K5LG, K5RM, N5DX,
W7RY					
W5CT	530,448	2056	258	TX	K5WA, N5AW
N6RO	471,960	1752	270	CA	K3EST, N6RO, NA6O, WA6O
NX5M	403,500	1614	250	TX	KU5B, N5XJ, NW7DX, NX5M
NC4KW	402,000	1675	240	NC	N1LN, N3ND, N4GU, W4FS
NX6T	325,822	1369	238	CA	K6AM, N6CY, N6KI, N6NC,
WQ6X					
KE3X	252,400	1262	200	DC	KD4D, KE3X
K2RD	210,312	1025	207	NV	K2RD, KM9R
N7NM	151,255	845	179	WA	N7NM
K3CCR	145,112	748	194	MD	N3UM, W3GB
K3AU	135,876	804	169	MD	K2YWE
WA3EKL	132,126	728	183	MD	K0OO, K3LU, KB3VQC, N3DPB, NG3K, W3UL, WA3EKL
W9PA	130,764	641	204	IN	W9PA
KE8M	130,732	667	196	OH	KE8M
W3LL	124,214	718	173	MD	ND3D
W9AV	117,180	630	186	WI	W9AV
W4MYA	114,823	577	199	VA	W4MYA
N4DW	109,200	600	182	TN	N4DW
K9DR	104,625	675	155	WY	K9DR
W4AAW	92,378	646	143	VA	KU1CW, W4AAW
N5KWN	89,232	572	156	TX	N5KWN
N4CF	77,104	488	158	VA	N4CF
ND8L	73,914	381	194	OH	ND8L
N2BJ	61,236	378	162	IL	N2BJ
AA3S	61,053	433	141	MD	AA3S
AB9YC	59,840	352	170	IL	AB9YC
W4JAM	54,831	373	147	VA	W4JAM
K5UV	53,900	385	140	OK	K5UV
K3WI	50,619	359	141	DE	K3WI
AA0AW	47,790	354	135	MN	AA0AW
N3SD	39,330	345	114	PA	N3SD
WA2MCR	38,940	295	132	NY	WA2MCR
N6GQ	37,673	373	101	CA	K6XX, N6GQ
K7SEL	37,128	364	102	WA	N7RCS, WQ7K
K0JPL	36,424	314	116	MO	K0JPL
K0RC	35,980	257	140	MN	K0RC
W4EE	34,986	294	119	FL	W4EE
WB0SND	33,538	409	82	MO	WB0SND
K6NV	31,866	282	113	CA	K6NV
W1RM	30,622	251	122	CT	W1RM
K4LPQ	28,800	300	96	TN	K4LPQ
AD9I	26,162	254	103	IL	AD9I
N6AJS	24,056	248	97	CA	A16YN, N6AJS
NN3RP	22,654	241	94	DC	NN3RP
4U1WB	22,018	218	101	DC	AJ3M
WA1BXY	21,331	257	83	RI	WA1BXY
VE3NR	20,398	217	94	ON	VE3NR
NJ1F	20,140	190	106	NY	KD2MYR, NJ1F
K5VIP	19,176	204	94	VA	K5VIP
NO0L	19,046	214	89	MO	NO0L
N4DXS	17,381	191	91	VA	N4DXS
VE3JAQ	17,028	198	86	ON	VE3JAQ
N6GEO	16,065	189	85	CA	N6GEO
WC7S	15,876	189	84	WY	WC7S
W6SFM	15,680	196	80	CA	W6SFM
KK9V	15,480	180	86	IN	KD9BVD, KK9V
AA8TA	15,352	202	76	OH	AA8TA
K3NDM	15,334	187	82	MD	K3NDM
K4IU	15,048	198	76	MN	K4IU
WA3AAN	14,596	178	82	PA	WA3AAN
K0GUZ	14,112	196	72	CO	K0GUZ

Call Sign	Score	QSOs	Mults	QTH	Operators
WX4HP	13,984	152	92	AL	WX4HP
K6JS	13,674	159	86	CA	K6JS
K3MAW	12,838	131	98	MD	K3MAW
K3OQ	12,628	164	77	MD	K3OQ
K1TN	11,356	167	68	FL	K1TN
K2RB	11,147	157	71	NY	K2RB
W3UL	9,792	136	72	MD	W3UL
W3DAD	9,420	157	60	MD	W3DAD
KU1CW	9,333	153	61	VA	KU1CW
N4EEV	8,909	151	59	GA	N4EEV
WD0GTY	8,636	127	68	OK	JEFF, WD0GTY
W0YJT	8,052	132	61	KS	W0YJT
AK7O	7,860	131	60	UT	AK7O
KC8R	7,038	102	69	MI	KC8R
NOMA	6,900	115	60	IA	W7II
K2AL	6,656	104	64	NJ	K2AL
KA2FIR	6,208	97	64	NJ	KA2FIR
KG9N	6,084	117	52	IL	KG9N
W1IE	5,936	106	56	VA	W1IE
K9PY	5,830	110	53	IL	K9PY
KF6I	5,253	103	51	CA	KF6I
K1GG	5,244	92	57	VA	K1GG
NA9RB	5,194	98	53	IL	NA9RB
N2MUN	4,743	93	51	NY	N2MUN
N1KWF	4,455	135	33	NH	N1KWF
W3GVX	3,663	99	37	MD	W3GVX
VE7AHT	3,240	81	40	BC	VE7AHT
K1TH	3,182	74	43	MA	K1TH
KB9O	3,075	75	41	IL	KB9O
WF5E	2,747	67	41	TX	N5ZT, WF5E
KE8EAS	2,583	63	41	OH	KE8EAS
NJ6G	2,565	57	45	CA	NJ6G
VE3JSQ	1,764	63	28	ON	VE3JSQ
K7JNA	1,092	42	26	WA	K7JNA
WA7AXT	1,073	37	29	WA	WA7AXT
W6SR	1,000	40	25	CA	W6SR
W3CL	968	44	22	NC	W3CL
K5TMT	850	34	25	TX	K5TMT
K6CTA	816	34	24	CA	K6CTA
WC4J	780	39	20	VA	WC4J
KV3T	770	35	22	IL	KV3T
KM9M	735	35	21	IL	KM9M
VE4JBB	620	31	20	MB	VE4JBB
AA9L	540	30	18	WI	AA9L
W4HVH	416	26	16	LA	W4HVH
WM5F	408	24	17	ID	WM5F
SV2DSJ	392	28	14	DX	SV2DSJ
N7MB	374	22	17	NY	N7MB
NT5I	360	20	18	LA	NT5I
LU4HK	348	29	12	DX	LU4HK
K0KB	165	15	11	IA	K0KB
KB5RF	144	12	12	TX	KB5RF
AD4YQ	84	14	6	FL	AD4YQ
YV5COR	72	9	8	DX	YV5COR
JN1THL	60	10	6	DX	JN1THL
K2SI	56	8	7	NY	K2SI
AG6JA	28	7	4	CA	AG6JA
JG3WDN	16	4	4	DX	JG3WDN
NJ4Q	9	3	3	VA	NJ4Q

### Check Logs:

AC5TU, AK2S, CE2MVF, EA1AF, JA2XYO, K0LIR, K6AR, K8BZ,  
 K9AAN, K9GX, K9WX, KD8TNF, KE0EK, KI5LR, KN4FIM, KT0A,  
 KT4XN, LU4EG, N0TA, N4CU, N5SJ, N6XI, NG11, NR5Q, NZ8J,  
 OK1DUB, SM9A, VA3PM, VE7ACN, W5GZ, W6SX, W6VMW,  
 W7EEE, W8KTQ, W8PI, WA1ZYX, WA4JUK, WA7NB, WI4T, WS1L,  
 YV4ABR