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# Results: North American QSO Party, CW — January 2022

## An Historic Contest

This was the first running of the NAQP to include the assisted categories. Opponents of the new categories predicted bedlam, while those in favor were excited to have a choice of operating categories, as they do in other contests.

The results are in, and the sky did not fall and the contest was a resounding success by any metric. Without question there was an impact in every category. There were many reports of more intense pileups when you were fresh meat on a band or were calling a rare multiplier. With the addition of assistance, many big contest clubs recruited a record number of operators for their teams. Clubs are the lifeblood of ham radio, and getting more activity and excitement on the bands from members is definitely a good thing for the sport. These extra recruiting efforts saw longer average operating times, which added to the overall contact count. The NAQP was not broken but evolving, and adapting to today's participants was inevitable. We received 1,263 logs this time, with 443, or 30%, for the Single-Operator Assisted category.

## Single-Operator Low Power

The 2,000-QSO mark has been a long-time goal of many serious NAQP participants. Much like Chuck Yeager breaking the sound barrier in 1947, Steve, N2IC, smashed through the 2,000-QSO barrier at full speed, with a final contact count of 2,247 from New Mexico. Hot on his heels was N9RV, finishing with 2,020 QSOs from Montana. These two operators piloted their stations masterfully to show what is possible with a 10-meter band that came alive and a little extra push from the contest clubs. The rest of the Top 10 was incredibly

## Single-Operator Top 10 Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
N2IC	611,184	2247	272	102/36	329/54	533/54	698/59	527/49	58/20
N9RV	555,500	2020	275	64/33	326/51	503/57	454/53	479/47	194/34
K5GN	393,148	1478	266	78/32	268/48	305/50	459/50	256/48	112/38
NP4Z	382,980	1473	260	50/23	148/41	393/56	397/56	340/50	145/34
KØEU	370,431	1563	237	88/33	331/52	362/53	508/54	261/36	13/9
N4OGW	364,878	1398	261	147/39	238/47	469/54	324/52	164/50	56/19
K4RO	356,070	1430	249	202/39	404/53	401/55	294/57	104/34	25/11
K5PI	338,256	1392	243	66/27	118/36	375/50	453/53	265/47	115/30
N6TR	334,000	1336	250	29/15	165/44	371/54	332/53	258/48	181/36
W9RE	321,531	1281	251	195/40	361/51	222/48	323/56	149/42	31/14

## Single-Operator QRP Top Five Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
VE9AA	133,056	693	192	61/26	139/35	190/46	133/36	151/38	19/11
NØNI	126,085	755	167	91/33	154/41	136/36	334/43	37/12	3/2
KØAV	109,548	612	179	10/6	89/43	187/44	128/41	181/33	17/12
W6JTI	78,490	470	167	11/4	32/11	138/46	132/46	112/38	45/22
K7SS	59,388	404	147	2/2	36/11	94/41	160/44	49/24	63/25

## Single-Operator Youth (25 years old or younger) Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
WØAAE	127,699	893	143	2/2	243/44	344/53	287/37	17/7	0/0
VE3OMV	19,588	236	83	0/0	68/21	111/29	28/16	17/9	12/8
KG5HVO	10,633	217	49	0/0	0/0	0/0	217/49	0/0	0/0
K7NAR	4	2	2	0/0	2/2	0/0	0/0	0/0	0/0
K9BFF	1	1	1	0/0	0/0	0/0	1/1	0/0	0/0

## Single-Operator Assisted Top 10 Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
AA3B	451,385	1595	283	246/45	371/56	348/58	396/57	181/45	53/22
N5ZO	401,500	1460	275	54/20	154/57	431/59	412/60	355/58	54/21
K3WW	365,552	1364	268	144/40	319/55	432/62	321/60	109/34	39/17
NP2X (K9VV)	350,808	1244	282	54/26	141/51	310/59	320/58	226/45	193/43
KY7M (@NA7TB)	340,746	1159	294	149/51	141/57	238/61	315/59	293/53	23/13
N3RD	330,210	1223	270	127/41	271/52	379/60	323/58	99/44	24/15
N4ZZ	328,189	1277	257	144/37	338/54	381/63	270/58	123/36	21/9
AD4EB	326,914	1229	266	197/46	320/54	314/59	278/59	108/41	12/7
N7XU	312,417	1197	261	21/10	127/52	250/57	449/60	207/49	143/33
K3PA	304,389	1091	279	65/41	192/61	458/64	324/64	47/44	5/5

## Single-Operator Assisted QRP Top Five Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
N5RZ	168,661	743	227	17/14	68/41	184/51	267/52	181/53	26/16
W4ER	65,620	386	170	5/4	77/36	113/42	91/43	82/35	18/10
N4TOL	20,094	197	102	11/8	63/29	44/23	39/20	30/16	10/6
KB9RPG	4,984	89	56	26/16	0/0	37/22	20/13	5/4	1/1
KB4KBS	4,408	76	58	0/0	30/24	2/2	22/18	20/12	2/2

## Multi-Two Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
ND7K (@N6WIN)	921,984	2744	336	157/48	469/61	788/65	691/64	515/63	124/35
ZF5T	856,004	2474	346	136/52	386/58	604/66	549/64	635/61	164/45
WP3C	712,620	2228	321	76/37	235/54	600/63	598/60	549/61	162/46

## Team Scores

### 1. AOCC Bandits

N2IC	611,184
KY7M	340,746
N4ZZ	328,189
K8IA	293,760
K6LL	265,650
<b>Total</b>	<b>1,839,529</b>

### 3. PVRC SO2R

WJ9B	307,572
N4YDU	304,384
K7SV	270,678
N4AF	268,620
K3MM	267,330
<b>Total</b>	<b>1,418,584</b>

### 2. FRC Team Cyan

AA3B	451,385
K3WW	365,552
N3RD	330,210
W2GD	213,776
K3WJV	187,148
<b>Total</b>	<b>1,548,071</b>

close, with stations spread across the continent. Dave, K5GN, came in with a fabulous 3rd place finish from Texas. Just five contacts and six multipliers behind him was Felipe, NP4Z, operating from his well-appointed shack in Puerto Rico.

## Single-Operator QRP

Mike, VE9AA, soundly topped the QRP category with an outstanding effort from New Brunswick. He did a fantastic job of being heard an extra hop away from most of the continent. He was able to work more multipliers than anyone else in the QRP category, and his hard work paid off big. Second and third were taken by QRP stalwarts NØNI and KØAV, respectively.

## Single-Operator Assisted Low Power

Bud, AA3B, set the new all-time record in this category with a big score from Pennsylvania. Hot on his heels was Marko, N5ZO, operating from California. Make no mistake, this new category is just as competitive as the traditional unassisted category.

## Single-Operator Assisted QRP

Gator, N5RZ, set the new all-time record in the Single-Op Assisted QRP category from Texas. His huge multiplier total of 227 was a great way to start the record books for this category. John, W4ER, came through with a great 2nd place finish from Alabama. As the high bands heat up, we expect QRP scores to improve over the next few years.

## Team

4. SMC Biathalon
5. TCG - Team Jerry
6. CCO #1
7. K4LQ MEMORIAL - 1
8. SCCC #1
9. GM Fort Laramie
10. Deep Dixie CC Team Steamboat
11. SECC#1
12. Austin Soccer
13. YCCC MOJO 1
14. Big Sky Contesters - Alpine
15. FRC Team Red
16. DFWCG Brazos
17. NCCC Team #1
18. KCCC Dits
19. MRRRC/NCC Team 1
20. TDXS
21. MWA One
22. FRC Team Orange
23. Bama Regulars # 1
24. SECC#2
25. SMC Bobsledding
26. The Sporadics
27. K4LQ MEMORIAL - 2
28. CCO #2
29. K1USN RADIO CLUB
30. SFCG Codebreakers
31. PVRC NC 1
32. Corntinuous Wave
33. Big Sky Contesters - Nordic
34. K4LQ MEMORIAL - 3
35. PVRC MD Metro 1
36. PVRC Rappahannock 1
37. SCCC #2
38. YCCC MOJO 2
39. K4LQ MEMORIAL - 4
40. FRC Team Yellow
41. Northwest Corner Pocket
42. NCCC Team #2
43. GM Fort Uncompaghgre
44. KCG N4AR
45. CCO #3
46. MRRRC/NCC Team 3
47. FRC Team Green
48. KCCC Dahs
49. Deep Dixie CC Team Mimosa
50. NCCC Team #3
51. NCCC Team #4
52. SECC#3
53. MRRRC/NCC Team 2
54. AOCC Coyotes
55. MWA Two
56. Boiled Owls - East & South
57. RadioSport MB 1
58. TCG - Team George
59. SMC Curling
60. SECC#4
61. Boiled Owls - West & North
62. K4LQ MEMORIAL - 5
63. SMC Luge
64. The Contest Dudes
65. SMC Ice Hockey
66. PVRC Rappahannock 2
67. CCO #4
68. GM Fort Le Duc
69. DFWCG Nueces
70. Yes, DC is a Multiplier
71. The MCC Boys #2
72. NCCC Team #5
73. K4LQ MEMORIAL - 7
74. YCCC W1 MOJO
75. Northeast Maryland ARC Troop1
76. Metro Key Champs
77. TCG - Team Elaine
78. GM Fort Meeker
79. FRC Team Blue
80. The Braille Team
81. YCCC MOJO 3
82. KWARC
83. DFW Trinity

## Operators

W9RE, K9CT, N9CK, WT9U, K9NR	1,351,770
K4RO, AD4EB, KØEJ, W9SN, K1GU	1,323,291
VE3EJ, VE3MGY, VE3DZ, VE3JM, VE3VN	1,258,130
NP2X, NN7CW, N4EEB, WO4O, KQ4R	1,182,189
N5ZO, N6TR, K6LA, K6ZH, W6ZL	1,174,641
KØEU, KTØA, WØUA, WY7M, KØUK	1,087,488
N4OGW, N5EE, W5TM, KØWA	975,533
KZ5D, K2SX, K4BAI, W8FN, AA5JF	945,796
K5PI, K5WA, N5RZ, N3BB, K5OT	941,541
K1TR, W1KM, K1XM, K1RX, W1WEF	898,561
N9RV, K7QA, KM7W, KD7HU	881,060
NY3A, N3AD, K2TW, NW3Y, K3PP	855,896
WØUO, WQ5L, K5RT, WØVX, W2RQ	851,920
AE6Y, K9YC, N3ZZ, AJ6V, WØYK	839,994
K3PA, KØVBU, KØAP, KIØI, AAØFO	838,254
NA8V, K8MR, N8AA, WW3S, W1NN	786,779
K5GN, K5TU, KØNM, NM5G, AF5J	740,667
NØAT, KØAD, WØAAE, KØMPH	679,022
W3MA, W3KB, K3UL, K3TS, WA2CP	667,833
K4AB, N4KH, K4PV, WA1FCN, KR4F	650,409
WW4XX, N3HEE, KU8E, K4EA, K4HR	636,382
K9WX, N9LQ, W8LVN, AB9YX, WD9CIR	599,244
NØAX, K9BGL, KKØU, WZØW	560,271
N4KS, NE8P, KØLUZ, K4NMR, NN4NN	552,235
VE3KI, VE3RZ, VE3NNT, VE3MA, VE3OI	550,682
K1VUT, K1EBY, N1DC, K1DJ, K1RV	528,826
N4XL, N4IQ, K4FT, KY4ID, WN4AFP	507,032
NA4J, K4QPL, N4CWZ, N4NTO, K3PI	498,872
WDØT, K7BG, KVØI, KØKX, WØEJ	487,626
KØSN, KJ9C, W7XT	478,795
N4TB, N4AO, NK4O, AA8R, K8VA	463,347
N3QE, W2CDO, NN3SI, K3KU	455,252
N2YO, K4QS, KG3V, WS6X, N4CF	454,534
AC6T, W6TK, N6WT, AI6DO, WQ6X	451,878
KA1IS, K5ZD, K1RO, W1FJ, NJ1F	438,713
K5KG, N4FP, W4WF, K4EJ, W4LT	420,989
N2NT, NR3Z, W3WHK, AA3R, NY3B	417,319
N7WA, N7QT, WC7Q, W7UDH	411,946
K6SRZ, K6DGV, KA6BIM, W6JTI	410,300
AD1C, WØETT, NØTA, KH6CJJ, N4VI	388,806
KC4WQ, N4TY, KM4FO, K4FN	381,633
VE3EY, VE3MV, VA3EC, VE3PJ, VE3VY	370,360
K3UA, KW8N, K8BB, N3SD, NF8M	351,701
W2MKM, W3FIZ, N2RC, K3QP	351,579
AI6O, N7WY, NWØM, NØEG	347,644
ABØTX, K4OQA, KE8G, K4AFE	343,274
W1SRD, K6EI, N6ZFO, K6XX	329,927
K9JM, N6XI, K6KM, K6MM, W6FB	324,755
AD8J, NN4K, NJ8J, AE4Y	321,517
K8BL, K8RYU, N8FY, K8GT, N8SBE	311,594
W9CF, K6WSC, KC7V, NA2U	297,235
KØHB, K9DU, NØAV, NØBUI	290,197
N2GC, K2QMF, WB2NFL, N2GA, W2JV	284,805
VE4EA, VE5UO, VA4HZ, VE4DL, VE4SF	284,714
AF4T, K4AMC, KEØL, W4UT, K3IE	283,460
K9WO, K9PW, W19WI, K9DUR, K9GY	276,311
AA4CF, AA4LR, KT4XN, ND4K, WU4B	273,736
K2LE, KO8SCA, AH2O, KS2G	260,732
N4BP, KM4HI, NX4N, KW1K	256,658
WB8BZK, KR9U, ND9G, W9QL, W9YK	254,916
W4MYA, KG4W, WU4G, WX3M	250,522
KK9V, KB9S, KD9MS, KC9K	248,158
K2KW, WA4JUK, KA4RRU	238,487
VE3AQ, VA3WB, VE3UZ, VE3HG, VE3KTB	236,937
KØAV, WØZA, NØKQ, NNØG	233,180
WØTG, WA8ZBT, K5YZW, NM5M	219,637
K2ACX, AC5XK, NN3RP, W3DQ, WN3F	200,831
VE9AA, VE9VIC, VE9OA, VA1RST	196,398
K6RIM, N6TTV, K7GK, WU6W, KA6W	190,101
N4UU, W4CU	179,844
W1UU, W1JQ, W1TO, W1DYJ, W1VKE	176,515
N3FZ, AK3B, WA1HEW, WT8WV, KC3RPO	174,277
W9ILY, W9PDS, K9PY	174,262
WF7T, K4KO, W3TB, N9TF, WØAG	167,097
KFØUR, K7TD, KØGUZ, KØAE, KJØI	155,820
WA3AAN, N2EY, W3PNM, AB2E, K3SW	146,690
K5XU, KB8TYJ, N9BSO, KW3A	144,549
KA1IØR, W1UE, NN1SS	142,926
VE3YT, VA3TMV, VE3JZT, VA3IJK	142,685
WBØTEV, N5WNG, N5OE, WA5LXS, WB5K	141,079

84. SECC#5	N4IJ, K4OGG, KB3FW, KY4GS	126,302
85. Deep Dixie CC Team GRITS	WV4P, NN5O, AA5W, WW4LL, AL2F	119,488
86. SMC Skiing	KT9L, WT2P, KC9YL, KC9EOQ, W9SZ	114,467
87. MWA Three	KØPK, WØZF, KØARF	111,491
88. MRRC/NCC Team 4	NJ3K, AB8OU, N8ET, AF8A, W8RU	102,052
89. FRC Team Indigo	K2RET, NF3R, W2AAB, K3HW, K3MTT	94,193
90. FRC Team Violet	N2HMM, WR2G, KD3TB, WN3K	90,008
91. The MCC Boys #1	VE9XD, VO2AC, VY2LI, VE9HF	88,321
92. NFR Rapids	NS2N, W2VM, K2ZR/4, KD2KEH	85,408
93. MAR x 3 + BILL	KA1YQC, KI2N, W5DT, K1SM	84,079
94. TDXS2	K5GQ, N5DTT	74,179
95. AOCC Mavericks	KK7RR, N9NA, KJ5T, AA7V	68,593
96. Flying Iguanas	AJ9C, K9NW, AI2N	65,283
97. TCG - Team Kramer	AB4GG, W4CMG, K3FH	63,722
98. NFR Waterfalls	N2MF, WB2AIV, K2QB, KA2WIK	63,299
99. Cornwall	KA3D, N3CU, KN3A, N3RM, AF3Z	61,461
100. KCG KC4DWT	N4JRG, K4TZ, K4WW, K4AVX, K2UPD	61,105
101. Austin Futbol	AC5AA, N9NM, ADØK	59,265
102. NCCC Team Mix	K6NV, W6XU, K6GHA, NN7SS	56,912
103. Northeast Maryland ARC Troop2	KE3GK, NT3U, K2EJ, N3AML	51,613
104. Shenandoah Valley Wireless	W4PJW, AD4TJ, K2HYD, N4RCE	44,168
105. NCCC Team #6	W6RKC, K8TR, K6OK, KF6NCX	41,931
106. K4LQ MEMORIAL - 6	WA1S, AAØO, W2VS	39,218
107. SMC Skating	K9LA, KC9EE, K9CC, AF9J	38,380
108. Bristol Dipoles	K4DR, KT4O, AA4DD	32,568
109. Bama Regulars # 2	W4NBS, K4WI	30,340
110. We Might Get On, Or Not	K5NZ, K5KJ	28,588
111. Metro Key Klix	WA9LEY, K9GA, N9TK	25,974
112. SFCG Palmetto Pulsars	K7OM, KG4IGC	22,973
113. MWA Four	W6GMT, WQØN, WB9YLZ	20,896
114. NFR Daredevils	NN2NN, W2DXE	7,913
115. SCCC #3	NE6I	3,280

ist regarding off-time strategies, and all are valuable, depending on your location. The winners have one thing in common with their off times, and that is flexibility. There is no substitution for experience and knowing when the bands are good enough to stay, or bad enough to take some time off. Sticking strictly to an off-time schedule is rarely the best option if you are trying to maximize your score.

Next time, try to think through a few possible scenarios. What do you do when 10 meters dies earlier than expected? What if the low bands are poor, and the rate is not what it usually is? I guarantee that if you are thinking ahead and planning what to do when these and other situations arise, you will make wiser choices and see your score increase.

## Parting Comments

This is my final NAQP CW write-up. I started almost 10 years ago with the August 2012 NAQP CW. Activity has increased, we saw the addition of the DC multiplier, and, most recently, the addition of assisted categories. I have really enjoyed keeping watch over the contest and working with the amazing volunteers and editors behind the scenes. Next time you see one of these folks, be sure to thank them for all of their hard work.

The new NAQP CW manager is Dave, N2NL, whose first report will be for the August 2022 event. Dave is a previous NAQP CW winner, WRTC competitor, and record-holder in many contests. I wish him the best of luck!

## Multi-Two

The Multi-Two (M2) category was arguably the most exciting one of the contest. With many big stations entering and all capable of winning, the competition was fierce. Most of the stations were posting to the live scores pages, and it was really a great race to watch. Coming out on top was the all-star crew at ND7K in Arizona. Their huge QSO total of 2,744 helped power them to a new all-time M2 record. Close behind were the three Caribbean stations vying for zone 8 honors. The team at ZF5T from Cayman Brac came out on top, beating WP3C from Puerto Rico, and ZF1A from Grand Cayman. It is really great to see so many powerhouse

Caribbean stations pushing hard in the NAQP. In 5th place was the team at W2FU, which always puts together amazing efforts from New York. The West Coast teams of N7DX and N6RO came in just behind the W2FU crew. It is interesting to note that six out of the top seven teams were either fully or partially remotely operated. The ND7K team was the exception.

## Planning Off-Time Strategy

A lot of strategy goes into any contest. Which band to be on, where to point your antenna, and whether you should be running or tuning around. The NAQP off-time strategy can make or break a top 10 effort in a hurry. Many schools of thought ex-

## Single Operator Scores

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
K1TR	246,980	1165	212	NH	W1JQ	16,942	197	86	CT	*K1MT	392	28	14	MA
W1KM	194,474	958	203	MA	K1SM	16,443	203	81	MA	AA1SB	192	16	12	NH
K1VUT	184,734	933	198	MA	W1VIV	12,728	172	74	MA	N1NN	168	14	12	MA
KA1IS	140,101	829	169	ME	W1HNZ	9,652	127	76	MA	KC1PTQ	108	12	9	CT
W1SJ	135,630	822	165	VT	KG1V	9,588	141	68	NH					
K5ZD	122,427	669	183	MA	AB1KT	5,940	99	60	MA	N2GC	110,815	599	185	NY
W1WEF	114,724	667	172	CT	K1SEC	3,690	82	45	MA	KR2AA	91,039	611	149	NY
K1EBY	109,956	714	154	CT	W1ARY	2,484	69	36	CT	AA2EQ	79,430	611	130	NY
K1RO	102,660	580	177	NH	KK1L	1,734	51	34	VT	AH2O	61,464	394	156	NY
N1DC	100,724	596	169	MA	N1AM	1,504	47	32	MA	W2RQ	60,456	458	132	NJ
W1QK	72,695	469	155	CT	W1END	1,404	52	27	NH	N2MF	51,688	364	142	NY
AC5XK	59,020	454	130	MA	*W1ND	1,320	44	30	NH	NS2N	40,770	302	135	NY
*W1UU	45,890	353	130	MA	N1CEO	1,230	41	30	MA	WA2JQK	26,352	216	122	NY
W1FJ	43,957	389	113	MA	KC1NPZ	728	28	26	MA	W2AAB	22,466	239	94	NJ
*N1DID	26,051	239	109	CT	WB1AEL	651	31	21	MA	N2JJ	20,398	217	94	NJ
K1HT	19,740	210	94	MA	*KQ1P	475	25	19	ME	NW2K	20,064	209	96	NY



Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
KA2D	16,119	199	81	NY	K8MR	193,275	859	225	FL	K4BRU	11,100	150	74	NC
*NQ2W	14,276	172	83	NY	K4BAI	175,560	798	220	GA	KG5HVO	10,633	217	49	AL
W2XL	14,070	201	70	NY	N4OX	175,278	786	223	FL	W3SA	10,512	146	72	NC
KC2WUF	12,960	160	81	NJ	N4TB	175,142	838	209	FL	W7IY	10,260	171	60	VA
KC2LSD	12,825	171	75	NJ	W5MX	170,400	852	200	KY	NN3W	9,945	153	65	VA
K2NV	10,437	147	71	NY	K1GU	168,589	799	211	TN	K4WW	8,614	146	59	KY
WB2FUV	9,660	161	60	NY	N4OO	153,628	772	199	GA	K4HQB	7,788	132	59	VA
*K2YG	8,740	115	76	NJ	KU8E	146,490	771	190	GA	AA4DD	7,560	108	70	TN
*WA2NYY	6,893	113	61	NY	N4KS	144,500	850	170	FL	NX4N	7,420	140	53	FL
WB2AIV	5,565	105	53	NY	KC4WQ	138,255	709	195	KY	N4QWF	7,378	119	62	VA
AK2S	5,076	108	47	NJ	K4QPL	137,825	745	185	NC	W4SKB	6,864	104	66	GA
W2DXE	3,813	93	41	NY	W8FN	136,850	782	175	NC	K2WK	6,844	118	58	VA
N2BZD	2,800	70	40	NJ	N1TO	132,936	764	174	FL	K4FTO	6,649	109	61	VA
NC1A	2,170	70	31	NJ	KQ4R	131,580	765	172	FL	ND2O	6,405	105	61	NC
WB2KWC	1,204	43	28	NY	K2KW	120,506	677	178	VA	AA0O	6,402	97	66	FL
K2MEN	1,044	36	29	NJ	AF4T	109,252	572	191	TN	K4ORD	6,305	97	65	VA
WA2UBK	943	41	23	NJ	W4SPR	107,882	646	167	FL	K3IE	5,670	105	54	TN
KA2FIR	832	32	26	NJ	N3JT	104,895	567	185	VA	WA3RWP	5,459	103	53	VA
KA2WIK	782	34	23	NY	N4TY	103,950	693	150	KY	W9FFA	5,335	97	55	FL
W2CLA	255	17	15	NJ	AA4LR	102,663	561	183	GA	N8GU	5,300	100	53	FL
KA2AEY	195	15	13	NY	K4QS	102,087	597	171	VA	K8LBQ	5,185	85	61	GA
W2KU	110	11	10	NJ	K4FT	100,200	600	167	SC	NN4NT	5,148	99	52	AL
WA2CNV	25	5	5	NY	K4PV	99,599	727	137	FL	KK9DX	5,035	95	53	TN
W2FTL (WA2CNV)	25	5	5	NY	WA1FCN	98,098	637	154	AL	KB3FW	4,753	97	49	SC
					KK4R	96,432	588	164	VA	KA3MTT	4,664	88	53	KY
K3UA	148,129	887	167	PA	K2DM	89,996	596	151	FL	WZ4M	4,500	90	50	NC
K3UL	137,703	699	197	PA	KM4FO	86,578	593	146	KY	K2HYD	4,250	85	50	VA
K2ACX	110,720	640	173	DC	KG3V	83,367	531	157	VA	WS7X	4,042	86	47	FL
K3WU	100,815	611	165	PA	WS6X	76,466	442	173	VA	K4EMF	4,029	79	51	GA
AA3S	85,434	491	174	MD	N4IJ	73,628	466	158	NC	AA4GA	4,012	118	34	GA
NC3Y	60,024	492	122	MD	W4YE	73,584	438	168	VA	K1TN	3,888	81	48	FL
K3PP	58,286	386	151	PA	K4AMC	73,392	528	139	TN	KJ4QHL	3,782	122	31	FL
K3KU	55,440	440	126	MD	WA4JUK	70,281	513	137	VA	K8LF	3,700	74	50	VA
NS3T	48,477	339	143	MD	W4WF	67,500	500	135	NC	*NC4H	3,648	96	38	FL
N2EY	47,265	411	115	PA	NN4NN (K3SV)	61,336	451	136	FL	WA8OJR	3,600	90	40	SC
WA3FAE	46,720	365	128	MD	NJ8J	58,995	437	135	GA	N4IU	3,515	95	37	FL
N3FR	46,464	384	121	PA	WU4G	56,457	369	153	VA	K4AVX	3,010	70	43	KY
K3QP	44,604	378	118	PA	K3PI	55,335	465	119	NC	N4QI	2,730	70	39	SC
NM3A	24,516	227	108	PA	K4HR	55,176	363	152	SC	*W8DXU	2,442	66	37	SC
N3FCP	24,503	229	107	PA	N4CF	51,100	365	140	VA	K4KZ	2,166	57	38	NC
N8NA	20,482	266	77	DE	WF7T	50,165	395	127	TN	K4MI	2,109	57	37	VA
WG3J	20,237	343	59	PA	K4EJ	47,600	350	136	FL	AD4IE	2,090	55	38	NC
N3CU	19,500	195	100	PA	K4OGG	46,609	367	127	GA	*K6RM	2,065	59	35	NC
KN3A	12,852	153	84	PA	K4EES	42,400	400	106	AL	W2VS	1,848	56	33	FL
W3WTD	12,714	163	78	MD	N5TOO	42,000	400	105	GA	KC4TEO	1,785	51	35	AL
W3DQ	12,225	163	75	DC	K4KO	39,936	384	104	TN	K4VIG	1,700	68	25	TN
*W7LG	9,180	135	68	PA	K4BSK	37,520	335	112	NC	K4MIL	1,666	49	34	VA
AA2AD	8,631	137	63	PA	N3CKI	36,736	287	128	NC	W4ZXT	1,645	47	35	KY
N2MA	8,192	128	64	PA	W4DAN	35,990	305	118	TN	N8AID	1,566	54	29	VA
*K3WWP	7,930	130	61	PA	KB4CG	35,728	319	112	VA	*WB4GHZ	1,479	51	29	TN
KW3A	6,468	98	66	PA	W4UT	35,650	310	115	TN	N3UA	1,392	48	29	VA
K3RMB	5,880	98	60	PA	KJ4M	33,858	342	99	AL	NN4SS	1,377	51	27	SC
K2EJ	5,665	103	55	MD	W1IE	31,773	267	119	VA	KW4J	1,275	51	25	AL
K3TN	5,600	100	56	MD	AE4Y	31,752	294	108	NC	W4WWQ	1,200	50	24	VA
N3VO	5,035	95	53	MD	WA1S	30,968	316	98	FL	W4GDG	1,188	44	27	VA
N3WMC	4,840	88	55	PA	K13C	28,764	282	102	VA	KF8N	1,118	43	26	VA
NY3B	4,557	93	49	PA	N9TF	28,728	252	114	TN	KS3K	1,092	42	26	FL
NA3F	4,464	93	48	PA	AB4GG	28,072	242	116	TN	N3EA	1,025	41	25	FL
K3HW	4,140	92	45	PA	N4JRG	26,676	234	114	KY	N4LZ	972	36	27	FL
W3FV	3,686	97	38	PA	WN4AFP	25,853	251	103	SC	KN4JN	925	37	25	FL
N3RM	3,360	80	42	PA	W4NBS	25,146	254	99	AL	KK4ADQ	920	40	23	VA
WD8RYV	3,060	68	45	PA	KT4XN	24,752	272	91	GA	K3ORC	735	35	21	FL
WN3F	3,024	72	42	DC	WX3M	23,638	223	106	VA	K2UPD	665	35	19	KY
WC3O	2,835	81	35	PA	N4UM	22,826	202	113	FL	KQ3K	609	29	21	FL
WA3EOQ	1,222	47	26	MD	W4PJW	22,338	219	102	VA	K0VW	560	28	20	GA
N3SW	1,189	41	29	PA	K4TZ	22,140	270	82	KY	*WR4I	550	25	22	VA
AF3Z	476	34	14	PA	*N7RCS	21,755	229	95	FL	K4RAB	520	26	20	FL
WN3K (N9GG)	456	24	19	PA	N4CW	21,600	300	72	NC	N8RW	414	23	18	FL
KD3CR	408	24	17	MD	WA3LXD	19,250	175	110	FL	KS0CW	286	22	13	VA
KF3G	375	25	15	PA	AB3AI	18,612	198	94	GA	N4RCE	225	15	15	VA
WB3EGD	221	17	13	PA	W1AJT	18,528	193	96	NC	N4FA	221	17	13	FL
K3JSJ	80	10	8	MD	W4XK	17,978	202	89	TN	KW1K	168	14	12	FL
N3JNX	49	7	7	PA	AD4TJ	17,355	195	89	VA	A14QQ	72	9	8	VA
KC3MSL	9	3	3	MD	KS4X	16,956	157	108	TN	KM4TLR	25	5	5	GA
					K7OM	16,928	184	92	SC	N4TL	20	5	4	NC
					K3YDX	16,554	186	89	NC					
K4RO	356,070	1430	249	TN	KS4YX	15,580	190	82	SC	N2IC	611,184	2247	272	NM
N4YDU	304,384	1312	232	NC	ND4K	15,180	165	92	GA	K5GN	393,148	1478	266	TX
K7SV	270,678	1182	229	VA	NA9J	14,496	151	96	FL	N4OGW	364,878	1398	261	MS
N4AF	268,620	1221	220	NC	K4DR	14,430	185	78	TN	K5PI	338,256	1392	243	TX
NN7CW	266,568	1149	232	FL	K4YCR	13,064	142	92	VA	KZ5D	310,528	1213	256	LA
K0EJ	264,688	1136	233	TN	W0AG	12,986	151	86	TN	K5WA	293,670	1255	234	TX
WW4XX					KI4W	12,834	207	62	NC	N5EE	253,000	1265	200	AR
(LZ4AX)	214,591	971	221	GA	N3GD	12,480	160	78	FL	W0UO	247,081	1171	211	TX
N4BP	208,820	1060	197	FL	K8VA	11,932	157	76	FL	K5TU	221,761	1051	211	TX
W9SN	207,030	1005	206	TN										

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
WQ5L	209,664	936	224	MS	W6XU	15,732	207	76	CA	K7RQG	2,546	67	38	AZ
K5RT	192,469	977	197	TX	AI6DO	14,863	167	89	CA	W7KNX	2,294	62	37	OR
K5WE	183,150	925	198	OK	WA6URY	14,784	176	84	CA	AL1G	1,368	72	19	KL7
AC4CA	182,780	988	185	TX	WQ6X	13,430	158	85	CA	KF7ZZ	1,092	39	28	UT
KM5G	145,494	822	177	AR	N6HC	12,606	191	66	CA	W7VXS	990	45	22	WA
WA5SOG	129,948	663	196	AR	WA7BNM	11,656	188	62	CA	KD6TR	988	38	26	WA
K5LG	102,588	618	166	AR	AF6GQ	10,902	138	79	CA	NG7IL	627	33	19	UT
W0TGT	99,592	472	211	TX	K6GTE	10,549	137	77	CA	AG7GB	598	26	23	AZ
N5AW	94,024	511	184	TX	K6UF	9,450	150	63	CA	*N7JI	594	54	11	OR
N5XE	81,408	512	159	OK	N6YEU	8,954	121	74	CA	*W7TMD	580	29	20	ID
N3BB	79,442	506	157	TX	W6QX	7,104	111	64	CA	WB7WHG	528	24	22	OR
K5GQ	73,805	509	145	TX	KH6AQ	6,844	118	58	KH6	*AB7MP	425	25	17	WA
WA8ZBT	69,324	436	159	TX	NN6DX (W1PR)	6,014	97	62	CA	W7GB	224	16	14	WA
NO5W	62,780	730	86	LA	KN6NUN	5,673	93	61	CA	K7DBN	192	16	12	UT
K0NM	61,640	460	134	TX	N6VOH	5,457	107	51	CA	KB7AK	150	15	10	WA
K5OT (@K5TR)	61,512	466	132	TX	N6PN	5,310	90	59	CA	WB4SPB	132	12	11	WA
K5XU	61,005	415	147	MS	KC8J	5,200	100	52	CA	KK7A	104	13	8	ID
N5KWN	56,068	428	131	TX	KA6W	4,900	100	49	CA	K7ZX	99	11	9	OR
KD2KW	45,347	331	137	TX	WU6X	3,696	77	48	CA	AG7CC	96	12	8	WA
N5CW	41,184	352	117	MS	AB6BR	3,354	78	43	CA	K7YIC	70	10	7	OR
K5ME	34,317	279	123	TX	N5KO	3,120	80	39	CA	W7TX	25	5	5	ID
NM5G	32,612	263	124	TX	KN6BAZ	1,914	58	33	CA	K7NAR	4	2	2	OR
N5UM	31,080	259	120	OK	K0DTJ	1,850	50	37	CA					
*KG5OA	28,798	242	119	TX	KF6NCX	1,305	45	29	CA	NA8V	272,376	1164	234	MI
*N5ER	26,751	241	111	AR	K6GPB	1,178	38	31	CA	N8II	205,712	989	208	WV
AC5AA	26,442	226	117	TX	K6CTA	1,120	40	28	CA	N8AA	161,784	856	189	OH
NM5O	25,452	252	101	MS	K6KMH	1,092	39	28	CA	W8MK	142,272	741	192	MI
N9NM	24,255	231	105	TX	N6EFF	816	34	24	CA	K3JT	109,620	630	174	WV
*K5NZ	23,712	228	104	TX	*NH6O	648	36	18	KH6	KW8N	91,176	524	174	OH
*N5OE	20,909	203	103	TX	W6JBR	437	23	19	CA	WA8Y	79,667	599	133	MI
*W5FMH (KJ0D)	17,978	202	89	TX	K6CSL	432	24	18	CA	N8LR	74,400	496	150	MI
WX7V	16,896	192	88	TX	N6HCN	375	25	15	CA	K8RYU	74,385	435	171	OH
*WA5DSS	10,160	127	80	TX	W6SY	240	24	10	CA	KV8Q	66,196	494	134	OH
AD0K	8,568	119	72	TX	K6TOR	180	15	12	CA	N8FYL	59,740	412	145	MI
NY5B	8,118	123	66	TX	W4EF	168	21	8	CA	WA1UJU	54,684	372	147	MI
*KJ5T	7,370	110	67	TX	W4NJK	72	9	8	CA	W8RTJ	52,007	397	131	OH
KC2LM	6,804	108	63	NM	KW6AA	63	9	7	CA	W8UE	48,950	445	110	MI
AA5W	6,512	148	44	TX	K6WIL	40	8	5	CA	W3CB	41,625	333	125	MI
W5CUB	5,724	106	54	TX	NJ6G	16	4	4	CA	KB8TYJ	40,506	314	129	MI
AE5MM	4,416	96	46	OK	*AE6IQ	6	3	2	CA	W8MET	38,610	330	117	OH
WB5K	4,368	91	48	TX						W8WTS	38,220	364	105	OH
KB5IXI	4,186	91	46	MS	N9RV	555,500	2020	275	MT	WB8JUI	34,128	316	108	OH
WS5D	2,240	56	40	NM	N6TR	334,000	1336	250	OR	AB8OU	30,996	246	126	OH
*AA5KD	2,106	54	39	OK	WJ9B	307,572	1349	228	ID	*KB8PGW	29,952	256	117	MI
W5RJJ	1,408	44	32	NM	K0SN	261,928	1129	232	MT	NF8M	28,548	244	117	MI
AF5SW	910	35	26	OK	KH6ND	170,975	977	175	AZ	K7DR	26,128	284	92	MI
K7ZYV	897	39	23	MS	KJ9C	167,972	857	196	MT	*N8ET	21,070	215	98	OH
K5SLO	864	36	24	TX	NG7M	151,335	855	177	UT	W1PD	17,480	190	92	OH
K5IX	377	29	13	TX	N7WA	148,504	977	152	WA	W5DT	17,391	187	93	MI
N5DTT	374	22	17	TX	K6DGW	115,240	670	172	NV	AE8TF	17,255	203	85	MI
K5AEB	320	20	16	OK	K2RD	104,784	708	148	NV	WB8MIW	14,820	195	76	MI
WA3RSR/5	126	14	9	TX	W7QM	100,278	619	162	WA	N4RA	12,835	151	85	WV
WA5AU	72	9	8	TX	W9CF	92,316	588	157	AZ	KV8O (K8PGJ)	11,560	170	68	MI
WD5G	25	5	5	OK	K6WSC	92,250	615	150	AZ	K8MQP (W8MJ)	10,948	161	68	MI
					N7CW	71,142	501	142	AZ	N8TFD	9,933	129	77	OH
K6LA	209,805	1065	197	CA	KM7W	65,670	597	110	MT	N8GZ	9,520	140	68	OH
W6AYC	205,615	1003	205	CA	*K7SS	59,388	404	147	WA	N8SBE	9,471	123	77	MI
AE6Y	203,796	918	222	CA	K17Y	56,502	387	146	OR	N8BL	8,694	126	69	WV
K6NR	201,294	954	211	CA	WA7YAZ	46,505	355	131	UT	K9NW	8,340	139	60	OH
N3ZZ	172,176	844	204	CA	W7TMT	40,448	316	128	WA	*K8NWD	7,259	119	61	MI
K6ZH	163,576	889	184	CA	KK7RR	37,064	328	113	AZ	AF8A	7,200	150	48	OH
W6TK	155,310	835	186	CA	WS7V	34,969	289	121	WA	WR4T	6,750	125	54	OH
N7VM	153,846	814	189	CA	N2GA	30,555	315	97	AZ	KD8SAV	5,723	97	59	OH
AJ6V	148,365	785	189	CA	WU6W	29,150	265	110	NV	N9CX	5,508	102	54	OH
KH7M (KL7SB)	142,262	857	166	KH6	K7AZT	26,182	247	106	AZ	W1NN	5,232	109	48	OH
K6SRZ	127,674	738	173	CA	W7GF	24,750	225	110	OR	W8ASA	4,717	89	53	OH
W0YK	122,112	768	159	CA	*N7GR	21,632	208	104	OR	WB8JAY	3,939	101	39	OH
N6US (KH7Y)	121,730	658	185	CA	K7PJT	20,604	202	102	OR	W8RU	3,256	74	44	MI
W1SRD	119,568	636	188	CA	W0OR	13,160	188	70	AZ	KE8GC	2,622	57	46	MI
AH6KO	111,496	724	154	KH6	W7POE	12,308	181	68	WA	W8XY	2,028	52	39	OH
K9JM	108,885	595	183	CA	KD7HU	10,626	154	69	MT	N8DD	1,716	52	33	OH
K6RB	82,446	546	151	CA	W9EN	10,507	133	79	AZ	*W8NNC	1,118	43	26	OH
N6ZFO	79,218	486	163	CA	W7UDH	10,218	131	78	WA	W3CRZ	1,036	37	28	OH
*W6JTI	78,490	470	167	CA	K7ARJ	9,782	146	67	ID	*K8RJW	897	39	23	OH
KH6CJJ	72,270	495	146	KH6	K0IP	9,516	122	78	ID	*K8ZT	700	28	25	OH
N6XI	71,284	502	142	CA	W7MTL	9,360	130	72	OR	KT8Y	640	40	16	MI
W6ZL	65,760	548	120	CA	KT7E (KE7AUB)	7,840	112	70	OR	KD8TNF	350	25	14	OH
K6XX	43,179	389	111	CA	KI7VEM	5,472	96	57	OR	WA8YZB	165	15	11	MI
KH6TU (AD6E)	37,332	366	102	KH6	AA7V	4,503	79	57	AZ					
N6TTV	33,154	274	121	CA	*N6HI	4,100	82	50	AZ	W9RE	321,531	1281	251	IN
K7GK	33,152	296	112	CA	KE2VB	2,814	67	42	AZ	K9CT	300,775	1325	227	IL
W8RJL	22,826	202	113	CA	KQ7TJ	2,728	62	44	NV	N9CK	284,418	1242	229	WI
N6TQ	17,949	193	93	CA	*WB7S	2,700	60	45	WY	K9WX	168,780	870	194	IN
W6RKC	17,578	187	94	CA	N7ESU	2,684	61	44	ID	K9BGL	168,780	870	194	IL
K8TR	16,808	191	88	CA	WB6OEE	2,600	65	40	OR	K9NR	167,206	767	218	IL

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
K9MA	151,800	825	184	WI	AI6O	121,183	677	179	MO	VE3DZ	263,466	1107	238	ON
W9ILY	115,005	615	187	IL	W0ETT	117,475	635	185	CO	VE3JM	237,272	1064	223	ON
W8LVN	106,917	681	157	IL	*K0AV	109,548	612	179	CO	VE3VN	212,568	1042	204	ON
KG9X	70,128	487	144	IL	W0CO	106,582	662	161	CO	VE3KI	167,856	807	208	ON
N7ZZ	66,582	411	162	WI	KI0I	103,950	594	175	MO	VE4EA	141,440	884	160	MB
W19WI	64,416	488	132	WI	K0PK	99,345	537	185	MN	*VE9AA	133,056	693	192	NB
K9MMS	63,504	441	144	IL	N7WY	98,505	597	165	MO	VE5SF	125,096	823	152	SK
WD9CIR	63,344	428	148	IL	K9DU	95,284	574	166	MN	VE5UO	122,544	851	144	SK
KB9S	53,841	411	131	WI	NW0M	90,720	567	160	MO	VE3KP	112,944	624	181	ON
AJ9C	50,310	430	117	IN	K0MD	86,688	672	129	MN	VE3EY	106,176	632	168	ON
K9WA	47,970	369	130	IL	K0MPH	80,640	576	140	MN	VE3AQ	101,403	593	171	ON
W9QL	45,924	356	129	IL	N0TA	78,674	566	139	CO	VE9DX	73,225	505	145	NB
K9QC	39,424	352	112	WI	KF0UR	71,295	679	105	CO	VA3EC	66,495	429	155	ON
W9FY	37,338	294	127	IL	WA0I	54,668	346	158	MO	VE3MA	62,244	468	133	ON
W9TD	34,452	319	108	IL	*K0FX	45,234	359	126	CO	VA7ST	60,434	451	134	BC
W9ZV	31,080	280	111	IL	W0ZA	44,512	416	107	CO	VE3TM	55,245	435	127	ON
WD8DSB	30,969	279	111	IN	N0KQ	43,210	290	149	CO	VE3OI	53,259	433	123	ON
W9TC	30,125	241	125	IN	W0BH	43,065	297	145	KS	VE3PJ	49,980	357	140	ON
K9DUR	29,998	283	106	IN	N0BUI	42,728	392	109	MN	VE3VY	49,545	367	135	ON
K9CPO	24,168	228	106	WI	KI0J	39,798	297	134	CO	VE3UZ	41,328	336	123	ON
N9DR	23,154	227	102	IN	K0EA	37,408	334	112	MN	VE4XT	37,440	288	130	MB
KG9N	22,368	233	96	IL	N0EG	37,236	321	116	KS	VE5GC	31,164	318	98	SK
WB9HFK	21,672	252	86	IL	N0UY	36,835	265	139	MN	VA3OKG	29,835	221	135	ON
K9LA	19,800	198	100	IN	N9BSO	36,570	345	106	MO	VA1MM	26,928	264	102	NS
WA9LEY	19,135	215	89	IL	K0TC	33,561	297	113	MN	VE9OA	25,750	250	103	NB
WA9LKF	17,670	190	93	IL	N9HDE	32,754	309	106	IA	VA3GE	25,100	251	100	ON
N9EP	16,968	202	84	IL	KI0F	30,660	292	105	MN	VE3HG	23,200	232	100	ON
K9UIY	14,337	177	81	IL	N0GN	27,300	273	100	NE	VE6BBP	20,292	228	89	AB
AA9WP	11,988	148	81	WI	*W14T	19,488	224	87	MO	VE3JI	20,160	224	90	ON
WN9O	11,826	146	81	IN	AF0Z	18,900	210	90	MN	VE3ZY	19,812	254	78	ON
N9WVM	11,242	154	73	IN	W0EJ	18,744	213	88	SD	VE3OMV	19,588	236	83	ON
K9PG	8,280	120	69	IL	W7RY	17,480	184	95	MO	VE3FP	18,618	174	107	ON
K9GY	6,100	100	61	IL	K0CF	15,841	217	73	IA	VA3FN	14,696	167	88	ON
KF9VV	5,830	106	55	WI	AE0IB	14,190	165	86	MO	*VA3AMX	12,408	188	66	ON
K9CC	5,500	100	55	IL	W0YJT	13,962	179	78	KS	VE3BXG	11,628	153	76	ON
N8HWV	5,220	90	58	WI	WB0N	13,706	154	89	MN	VE3FH	10,758	163	66	ON
WB9UGX	5,184	96	54	IL	W0ZF	12,080	151	80	MN	VE3AYR	10,564	139	76	ON
W9KM	4,896	96	51	IL	W0PI	12,045	219	55	MN	VE3KOT	7,434	118	63	ON
K9GA	4,704	96	49	IL	AA0CW	11,840	148	80	CO	VA6RCN	6,783	119	57	AB
W9DP	3,634	79	46	IL	W6GMT	10,804	148	73	MN	*VE3SIF	6,000	100	60	ON
W9VA	3,510	78	45	IL	N0BM	8,449	119	71	MN	*VE3KJQ	5,831	119	49	ON
K9KM	3,182	86	37	IL	NF0N	7,006	113	62	NE	VE3VSM	5,742	99	58	ON
KX9DX	2,726	94	29	IL	K0AE	6,604	127	52	CO	VA1RST	5,720	104	55	NS
KD9DZT	2,275	65	35	WI	W0OJW	6,464	101	64	CO	VY2LI	4,992	96	52	PE
KC9EOQ	2,040	51	40	IL	N0UK	6,426	126	51	MN	VE7CV	4,752	99	48	BC
NV9X	1,980	55	36	IL	WQ0N	5,332	86	62	MN	VE7IO	4,653	99	47	BC
W9YS	1,887	51	37	IL	W0PF	5,194	98	53	MO	VA3SB	4,433	143	31	ON
*K9QL	1,855	53	35	IL	KB0EO	5,047	103	49	MN	VE3CX	4,428	108	41	ON
W9SZ	1,764	63	28	IL	WB9YLZ	4,760	85	56	MN	VE9HF	3,354	78	43	NB
*AF9J	1,080	40	27	WI	K0WRY	4,182	82	51	KS	VA3JK	1,696	53	32	ON
AI9T	825	33	25	IL	KY0O	3,588	78	46	MO	VE4SF	1,612	52	31	MB
KC9IL	525	25	21	IL	KE0TT	3,564	108	33	MN	VA3IK	1,519	49	31	ON
K9XE	306	18	17	IL	K0KPH	2,964	76	39	NE	VE3QEE	1,305	45	29	ON
KS9A	270	18	15	IL	W0GXA	2,268	63	36	IA	VO1BQ	1,260	45	28	NL
N9AEP	255	17	15	IL	N4VI	2,139	69	31	CO	VE9KK	1,035	45	23	NB
K0PG	30	6	5	IL	N5TU	1,624	56	29	MO	VE7BGP	775	31	25	BC
K9BFF	1	1	1	IL	KB0NES	1,617	49	33	MN	VA3ZNW	690	30	23	ON
					K0WOI	1,560	52	30	IA	VE2QY	580	29	20	QC
K0EU	370,431	1563	237	CO	WA2PCN	1,421	49	29	CO	VE7ARN	160	16	10	BC
N0AT	269,776	1297	208	MN	N7SE	1,352	52	26	CO	VE3VIG	72	9	8	ON
N0AX	241,395	1155	209	MO	W0RX	1,209	39	31	MN					
KT0A	240,875	1175	205	SD	WA0LIF	1,128	47	24	MN	NP4Z	382,980	1473	260	KP4
K0AD	200,907	1063	189	MN	KD0WUQ	648	27	24	ND	XE2S	21,648	264	82	XE
NS0R	195,663	1131	173	KS	K0ITC	561	33	17	NE	TI7W (N3KS)	13,668	201	68	TI
W0UA	180,117	953	189	CO	KB0R	432	24	18	MN	KP4JRS	6,232	152	41	KP4
K0AP	174,286	826	211	KS	WB0WIV	308	22	14	IA	HI3MM	450	30	15	HI
WD0T	171,360	816	210	SD	*AB0CD	165	15	11	CO					
AB0TX	162,101	937	173	KS	KJ0I	110	11	10	CO	PY2NY	24,910	235	106	DX
K0WA	152,221	841	181	KS	K0ARF (K0SV)	66	11	6	MN	JA7ACM	180	15	12	DX
K7BG	142,898	826	173	SD	KJ0P	42	7	6	MN	PY2EX	140	14	10	DX
K0UK	134,676	774	174	CO	W0JOP	25	5	5	MO	JF2FIU	25	5	5	DX
W0AAE	127,699	893	143	MN						*JQ1NGT	12	4	3	DX
*N0NI	126,085	755	167	IA	VE3EJ	279,972	1212	231	ON					
										*QRP				



**Single-Operator Assisted Scores**

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
K1XM	193,157	829	233	MA	W3Y	165,416	713	232	DE	WB4IT	68,034	391	174	AL
K1RX	149,226	714	209	NH	WW3S	154,112	602	256	PA	KG4W	66,785	361	185	VA
W1UJ	120,908	668	181	MA	N3AM	139,528	652	214	MD	*W4ER	65,620	386	170	AL
K2LE	120,304	584	206	VT	WY3A	119,054	494	241	PA	KE0L	59,496	296	201	TN
K1DJ	92,748	524	177	MA	W2CDO	117,284	538	218	MD	K4FN	52,850	302	175	KY
KA1IOR	86,526	437	198	MA	K3CY	95,757	541	177	PA	KA4RRU	47,700	300	159	VA
WA1BXY	76,302	486	157	RI	K3ZA	84,726	523	162	PA	KE4Q	47,375	379	125	FL
AJ1AJ	69,814	521	134	NH	N3FZ	83,369	583	143	MD	KY4ID	44,133	313	141	SC
WK1O	67,971	489	139	MA	W3FIZ	83,065	449	185	PA	KC4D	41,648	304	137	VA
AK1MD	59,041	391	151	MA	NR3Z	80,196	492	163	PA	KM4HI	40,250	230	175	FL
K1JB	44,958	354	127	ME	WA3AER	77,520	510	152	MD	AA8R	39,744	276	144	FL
K1IB	43,788	356	123	VT	W3LL	62,491	253	247	MD	W4LT	38,586	327	118	FL
K1RV	40,664	299	136	MA	K3CCR (N3UM)	58,599	383	153	MD	K4XL	38,036	257	148	VA
K1VMT	40,470	355	114	VT	NN3SI (K3EV)	57,663	387	149	MD	N3MN	37,859	289	131	VA
KS1J	38,232	324	118	RI	WA3AAN	56,000	400	140	PA	W4CU	37,448	248	151	FL
W1UE	32,200	230	140	MA	NJ3K	39,530	295	134	PA	N4XD	36,840	307	120	NC
K1RF	30,709	287	107	CT	AK3B	35,912	268	134	MD	AA4NP	36,500	292	125	FL
K1DW	29,498	301	98	CT	KC3M	33,048	306	108	PA	W3TB	35,282	299	118	TN
NR1X	26,814	246	109	CT	KE3GK	30,240	240	126	MD	W4PK	33,592	247	136	VA
KA1YQC	26,728	257	104	MA	W3WHK	30,070	310	97	PA	N6DW	30,240	240	126	VA
AJ1DM	25,351	251	101	RI	KB3Z	30,012	244	123	PA	AC4MC	30,129	249	121	SC
NN1SS	24,200	220	110	NH	N3SD	29,378	397	74	PA	N3CW	27,639	249	111	VA
NX3Z	20,460	186	110	NH	KB3AAY	27,984	264	106	MD	K2MK	26,936	259	104	FL
AE1T	19,110	210	91	NH	W3PNM	25,850	235	110	PA	W4VIC	21,504	192	112	VA
KB1NO	18,584	202	92	MA	KA3D	25,273	199	127	PA	*N4TOL	20,094	197	102	GA
W1TO	16,731	169	99	MA	NF3R	24,190	205	118	PA	W4TG	20,001	177	113	VA
W1DYJ	15,322	163	94	MA	WA1HEW	23,496	264	89	PA	K2ZR/4	19,548	181	108	FL
W1VKE	6,612	114	58	MA	K3FH	17,200	200	86	PA	K2SG	19,176	204	94	FL
AB1J	5,439	111	49	MA	AG3I	16,168	188	86	PA	NS4X	18,816	196	96	TN
K1MT	5,429	89	61	MA	NN3RP	15,842	178	89	DC	W4CMG	18,450	205	90	TN
WJ1B	4,416	96	46	CT	W3UL	13,858	169	82	MD	K3TEJ	14,065	145	97	FL
WB4LL	4,266	79	54	ME	NT3U	12,408	132	94	MD	W6NCB	13,248	184	72	TN
K1LHO	551	29	19	CT	KC3RPO	11,600	145	80	MD	K3ZGA	11,174	151	74	FL
W1PY	300	20	15	MA	KD3TB	10,868	143	76	PA	KT4O	10,578	129	82	TN
N2NT	297,660	1210	246	NJ	N3XL	8,970	130	69	MD	N3AC	10,089	177	57	VA
K2TW	189,648	878	216	NJ	K1BZ	7,665	105	73	MD	NJ4Q	8,520	120	71	VA
W2MKM	178,480	776	230	NJ	K3CT	7,622	103	74	PA	W4SSF	8,379	133	63	TN
KE2D	102,684	516	199	NJ	K3MAW	5,700	100	57	MD	N3MM	7,923	139	57	VA
K2QMF	98,084	452	217	NY	AB3SX	5,192	88	59	MD	NZ4N	7,605	117	65	NC
KA2K	84,898	454	187	NJ	AA3R	4,836	78	62	DE	W2BJN	7,590	110	69	AL
K3TS	84,836	508	167	NJ	W0BR	4,508	92	49	PA	KX4KU	7,360	92	80	VA
WA2CP	81,090	477	170	NY	W3IDT	4,048	88	46	MD	K4GM	6,678	126	53	VA
KO8SCA	68,740	491	140	NY	N4ZR	3,875	125	31	MD	KE8PX	6,527	107	61	GA
N2UU	68,172	494	138	NJ	N3AML	3,300	75	44	MD	KG4IGC	6,045	93	65	SC
N2HMM	63,720	354	180	NJ	WT3K	2,925	75	39	MD	W4RIN	5,978	98	61	GA
N2RC	45,430	295	154	NY	W3TAS	2,006	59	34	DE	K4WI	5,194	98	53	AL
K2RET	43,210	290	149	NJ	W3NRJ	1,980	55	36	MD	N3KN	5,000	100	50	VA
WB2NFL	41,762	314	133	NY	AJ3M	864	36	24	MD	AA4WW	4,836	78	62	KY
NJ1F	29,568	264	112	NY	K3SW	775	31	25	PA	N4GL	4,469	109	41	FL
W2VM	24,320	256	95	NY	WX3B	644	28	23	MD	*KB4KBS	4,408	76	58	GA
KI2N	23,517	201	117	NY	N4ZZ	328,189	1277	257	TN	AA2FD (NR4M)	4,050	81	50	VA
W2NO	22,655	197	115	NJ	AD4EB	326,914	1229	266	TN	KU1T	3,666	94	39	FL
AB2E	16,800	175	96	NJ	K4AB	249,561	1027	243	AL	NN4RB	2,964	78	38	VA
WR2G	14,964	174	86	NJ	N4EEB	246,243	1039	237	FL	K3WA	2,960	74	40	NC
W2LCQ	12,213	177	69	NY	K2SX	188,352	864	218	SC	WU4B	1,850	50	37	GA
KS2G	10,224	144	71	NY	WO4O	186,990	813	230	FL	KN4ZMA	1,568	49	32	VA
K4RUM	9,975	133	75	NY	N4XL	173,514	726	239	SC	N2QT	1,530	51	30	VA
K2YR	7,104	111	64	NY	K5KG	170,998	886	193	FL	K5VIP	1,430	55	26	VA
AI2N	6,633	99	67	NY	N4IQ	163,332	698	234	SC	K4AFE	1,320	44	30	TN
N2EIM	6,213	109	57	NJ	N4AO (WC4E)	161,880	710	228	FL	KY4GS	1,312	41	32	SC
KD2ST	5,985	95	63	NJ	AD8J	151,710	778	195	NC	N3GTG	1,092	42	26	VA
K2QB	5,264	94	56	NY	N3HEE	150,780	718	210	SC	K5JR	1,066	41	26	GA
KD2EPM	4,752	99	48	NJ	NA4J	146,672	824	178	NC	KC4LZN	744	31	24	FL
NN2NN	4,100	82	50	NY	N4UU	142,396	734	194	FL	KU4FX	624	26	24	FL
KI2D	3,608	82	44	NY	N2YO	141,514	818	173	VA	K1GG	480	24	20	VA
W2JV	3,589	97	37	NY	NE8P	139,810	682	205	FL	KZ1O	300	20	15	FL
N2CJ	2,331	63	37	NJ	AA5JF	134,506	617	218	GA	KS4S	176	16	11	NC
KA2IRQ	2,052	57	36	NJ	W4NF	132,675	725	183	VA	K4WWP	126	14	9	VA
KD2KEH	770	35	22	NY	AA4CF	129,291	607	213	GA	K5CM (W5CW)	288,750	1155	250	OK
KB2URI	391	23	17	NY	K4OAQ	127,794	722	177	VA	W5TM	205,434	1017	202	OK
K3MTT	187	17	11	NY	K0LUZ	109,395	561	195	FL	*N5RZ	168,661	743	227	TX
K2DW	72	9	8	NY	N4KH	107,328	624	172	AL	W0VX	142,250	569	250	TX
AA3B	451,385	1595	283	PA	W4MYA (@W4PM)	103,642	673	154	VA	K5RM	122,070	626	195	AR
K3WW	365,552	1364	268	PA	K4NMR	97,194	582	167	FL	K5TQ	120,930	695	174	NM
N3RD	330,210	1223	270	PA	N4FP	96,305	515	187	FL	WB0TEV	80,830	295	274	TX
K3MM	267,330	938	285	MD	KR4F	95,823	507	189	AL	K5UV	67,338	522	129	OK
NY3A	246,740	949	260	PA	WV4P	82,992	312	266	TN	K5DU	32,430	235	138	TX
N3QE	224,865	855	263	MD	N4CWZ	80,008	548	146	NC	K5YZW	32,214	273	118	TX
W2GD	213,776	862	248	PA	NN4K	79,060	590	134	GA	AF5J	31,506	267	118	TX
N3AD	195,806	886	221	PA	N4NTO	79,032	534	148	NC	NE5A	31,369	247	127	OK
W3MA	191,100	780	245	PA	NK4O	74,649	447	167	FL	W6FB	25,573	239	107	LA
K3WJV	187,148	793	236	PA	ND4Y	71,977	431	167	KY	N5KD	25,500	300	85	TX
W3KB	173,104	698	248	PA	K4EA	69,345	345	201	GA	N5WNG	24,442	202	121	TX
					K9OM	69,333	363	191	FL	KA5M	23,391	207	113	LA
					W4XO	68,544	448	153	GA	WD0GTY	22,420	236	95	OK

Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH	Call Sign	Score	QSOs	Mults	QTH
NM5M	18,507	199	93	TX	N4BAA	105,020	445	236	IN	AEØDX	46,618	326	143	IA
K5NA	12,144	132	92	TX	K9WO	103,179	633	163	WI	KØKX	41,664	248	168	SD
WA5LXS	10,530	135	78	TX	AB9YC	99,064	488	203	IL	NNØG	35,910	285	126	CO
NQ5M	9,620	148	65	OK	WB8BZK	98,700	470	210	IL	KØGUZ	31,050	270	115	CO
K5KJ	4,876	106	46	TX	AC9S	95,312	518	184	IL	WØUY	29,982	263	114	KS
KE5LQ	2,236	52	43	TX	KK9V	91,575	555	165	IN	KØTG	25,425	225	113	MN
AF5CC	736	32	23	OK	N5EP	76,788	486	158	IL	WØ7U	19,824	168	118	MO
KC6ZBE	520	26	20	TX	K9PW	72,618	494	147	IL	NØVT	18,252	156	117	MO
WA5LHM	352	22	16	TX	W9XS	71,240	520	137	IL	NRØP	13,671	147	93	KS
					KØTQ	60,384	408	148	IN	AAØAI	9,628	116	83	IA
N5ZO	401,500	1460	275	CA	KD9MS	52,976	344	154	IL	WZØW	9,480	120	79	MO
K9YC	193,545	759	255	CA	KT9L	50,688	256	198	IN	N2DEE	8,509	127	67	CO
AC6T	168,600	843	200	CA	KC9K	49,766	298	167	IL	ADØAB	1,173	51	23	KS
N6WT	99,675	443	225	CA	W9PDS	49,657	391	127	IL	KCØRET	450	25	18	MN
K6RIM	89,745	465	193	CA	KR9U	49,105	305	161	IN	AKØBC	132	12	11	CO
K6EI	87,962	427	206	CA	ND9G	46,112	262	176	IL	KØEHR	130	13	10	CO
W1RH	86,112	468	184	CA	KYØQ	44,254	406	109	IL					
K6KM (@W6SRR)	60,066	426	141	CA	WT2P	41,747	383	109	IL	VE3MGY	264,852	1051	252	ON
K6MM	58,947	401	147	CA	WT9Q	40,872	312	131	WI	VE3RZ	156,555	639	245	ON
N6GEO	45,540	330	138	CA	KE9SA	34,574	293	118	WI	VA7DX	135,420	740	183	BC
WU6P	33,572	308	109	CA	KD9PLD	27,636	196	141	IN	VE3YT	117,390	645	182	ON
K6NV	29,321	269	109	CA	N9LJX	26,730	243	110	IN	VE3NNT	110,768	602	184	ON
W6KC	18,096	174	104	CA	WØ9B	25,410	231	110	WI	VE3NE	100,859	583	173	ON
N6VH	15,066	162	93	CA	K9NO	20,703	201	103	IL	VE3MV	98,164	506	194	ON
K6GHA	8,019	99	81	CA	N7US	19,008	198	96	IL	VE4GV	96,446	581	166	MB
W6WG	7,254	117	62	CA	KC9YL	18,228	196	93	WI	VE6RST	91,692	566	162	AB
K6OK	6,240	96	65	CA	W9NXM	18,180	202	90	IL	VE3GFN	89,268	516	173	ON
W6BRY	5,915	91	65	CA	K9KE	18,018	198	91	IL	VA3WB	60,996	391	156	ON
NT6X	5,046	87	58	CA	W9YK	15,075	201	75	IL	VE3TW	60,040	395	152	ON
NE6I	3,280	80	41	CA	KC9EE	12,000	150	80	IL	VA2UR	36,300	300	121	QC
K6JS	2,948	67	44	CA	KD9OIN	9,174	139	66	IL	VE9VIC	31,872	249	128	NB
NJ6Q	2,296	56	41	CA	KX9RT	6,324	102	62	WI	VE6EX	18,240	228	80	AB
WD6T	1,476	41	36	CA	N9GUN	5,916	102	58	IL	VA4HZ	12,835	151	85	MB
AE6PL	437	23	19	CA	NQ9A	5,782	98	59	WI	VA3TMV	12,118	146	83	ON
W6DMW	121	11	11	CA	*KB9RPG	4,984	89	56	IN	VE3FZ	11,837	133	89	ON
N6IE	121	11	11	CA	N9IO	3,731	91	41	IL	VA3PAF	11,592	138	84	ON
K6MI	16	4	4	CA	N9TR	2,728	62	44	IL	VE3JZT	11,481	129	89	ON
					N7MB	2,720	68	40	IL	VE3KTB	10,010	143	70	ON
KY7M (@NA7TB)	340,746	1159	294	AZ	N9TK	2,135	61	35	IL	VO2AC	6,750	125	54	NL
N7XU	312,417	1197	261	OR	WA9GON	1,872	52	36	WI	VE4DL	6,283	103	61	MB
K8IA	293,760	1224	240	AZ	*AB9BZ	1,375	55	25	IL	VE2OWL	1,739	47	37	QC
K6LL	265,650	1050	253	AZ	K9STM	1,036	37	28	IL	VE4IM	1,392	48	29	MB
K7QA	249,264	1154	216	MT	N9VPV	374	22	17	IL	VE7ZX	1,200	48	25	BC
W6OAT	161,837	767	211	WA	KB9YQJ	72	9	8	IN	VA7UI	798	42	19	BC
WY7M	161,389	811	199	WY	N9AJD	64	8	8	IN	VA6BGE	666	37	18	AB
N7QT	135,280	760	178	WA						VE3CWU	384	24	16	ON
WC7Q	117,944	641	184	WA	K3PA	304,389	1091	279	KS					
KA6BIM	88,896	463	192	OR	KØVBU	194,879	851	229	KS	NP2X (K9VV)	350,808	1244	282	KP2
KC7V	77,433	487	159	AZ	KEØUI	143,547	811	177	CO	FS/G4HSO	640	32	20	FS
W7ZRC	76,152	501	152	ID	KKØU	140,616	837	168	MO					
W7CXX	73,986	418	177	UT	AD1C	118,248	758	156	CO	PY5AMF	31,980	246	130	DX
K7UT	66,720	417	160	UT	KVØI	112,960	706	160	NE	PY2KC	792	33	24	DX
W7XT	48,895	385	127	MT	KØHB	98,747	517	191	MN	PV2K	25	5	5	DX
K7GS	43,070	365	118	WA	AAØFO	60,750	405	150	KS	CT1AGS	25	5	5	DX
NA2U	35,236	383	92	AZ	NØAV	53,438	347	154	IA	JA8RWU	1	1	1	DX
N9NA	19,656	189	104	AZ	NØXR	49,232	362	136	IA					
K9PY	9,600	120	80	OR	K7TD	46,761	327	143	CO	*QRP				
K7JQ	8,673	147	59	AZ										
WB6JJJ	7,888	116	68	OR										
*NN7SS (K6UFO)	3,840	96	40	WA										
K7WP	3,520	80	44	AZ										
K7TQ	2,520	63	40	ID										
WT8P	2,120	53	40	WA										
AL2F	266	19	14	KL7										
KM6Z	171,094	847	202	OH										
K8BL	134,302	742	181	OH										
KE3K	97,092	522	186	MI										
K8BB	54,470	419	130	MI										
WA8KAN	52,195	365	143	WV										
KE8G	52,059	469	111	OH										
W8EH	46,190	310	149	OH										
K8LX	42,534	306	139	MI										
K8GT	33,696	288	117	MI										
W8PI	32,860	265	124	MI										
N4LSJ	32,034	281	114	OH										
KD8JDC	23,617	209	113	MI										
WT8WV	19,900	199	100	WV										
N8VV	11,431	161	71	OH										
N8GAS	2,747	67	41	MI										
KF8MZ	720	36	20	OH										
WB8YHD	228	19	12	OH										
WT9U	277,840	1208	230	IN										
N9LQ	161,139	771	209	IL										
KF9D	157,815	835	189	IL										

**Multi-Two Scores**

Call Sign	Score	QSOs	Mults	QTH	Operators
ND7K (@N6WIN)	921,984	2744	336	AZ	K16RRN, N6MJ, N6WIN, W4IX
ZF5T	856,004	2474	346	ZF	ZF9CW, ZF9DX
WP3C	712,620	2228	321	KP4	WP3C, WP3TT
ZF1A	633,456	1992	318	ZF	W9KKN, NN1C
W2FU	622,104	2116	294	NY	KØSM, K2UA, W2FU, N2MG, M2ZN
N7DX	513,114	1929	266	WA	N7DX, K7RL
N6RO	438,823	1539	287	CA	WA6O, WD6T, K6AW, WX5S, N6RO
W5WZ	399,384	1548	258	LA	WM5H, W5LA, W5WZ
NX6T	376,422	1461	258	CA	K7ENA, WM6Y, N6CY, WQ6X, K4RB, N6NC, N6KI
KK6P	372,507	1647	227	CA	KC1KUG, AA4LS
W4MLB	268,030	1094	245	FL	NØQJ, N1ZZ, N8KH
K3AJ	234,260	884	265	MD	WT3K, K3AJ, ND3D
VE3NZ	132,352	704	188	ON	VE3NZ
W6SFM	58,890	390	151	CA	W6SFM
KB3VQC	48,972	318	154	MD	N3DPB, KB3VQC, WA3EKL, K3MTR, WV8BNM
KA3JNN	28,438	241	118	MD	KA3JVW, KA3JNN
K4CBW	3,300	75	44	NC	K4CBW

**Check Logs:** AF2F, JO7KMB, K3JWI, K4EU, K5EC, K5LY, K5TIA, K7PKA, K8GL, K8MP, KB6CA, KDØNEO, KG4USN, KG7YU, KK9N, KL2R, KR2Q, N2ADC, N2OO, NF7D, NO3U, VA7JC, VE1ANU, VE2FK, W3HDH, W3IZ, W3RZ, W3YR, W4GHV, W4UEF, W6KGP, W6RA, W6UB, W8WZ, W9DGI, WA1ZYX, WA7CPA, WA8LRW, WB2RPW, WN7S