

# Results: North American QSO Party CW — January 2017

*“Turn off the amp, turn off the Internet, enjoy the radio!”*

One of the most heated discussions surrounding the NAQP is whether or not to add a Single-Operator Assisted category. As the rules stand, any single op using assistance is placed into the Multi-Two category. Those advocating change argue that including such assistance as the DX Cluster or *Skimmer* will only mean more contacts for everyone and up the fun factor. Those favoring assistance argue that operators who wish to stay in the Stone Age and operate without assistance can still compete with their peers, who are also stuck in the 1980s and using obsolete methods.

The reasoning seems sound enough. But why isn't there a SOA category in the NAQP yet? After watching the exhaustive debating on various e-mail reflectors and having countless conversations with new and old ops alike, I kept coming back to this basic question. Does the NAQP *need* another category? The answer is not as easy as it may appear.

I decided to try looking at things objectively and take my personal opinion out of the picture entirely. The log data from January 2001 until January 2017 (see Figure 1) show a very clear upward trend. January 2017 saw a record-breaking number of submissions! For the first time

ever, the NAQP CW broke 1,000 submitted logs across all categories. The August 2016 event saw a record number of logs for the somewhat less-popular summer running. The number of M2 entrants also increased dramatically from 2012 to 2013 — right around the time that many popular logging programs started make SOA the default category.

Based on log submissions alone, the NAQP is doing just fine! Many ops reported, “Never running out of guys to work.” or “The low bands were a bottomless pit of callers!” The argument for a High Power NAQP category still pops up every now and then too, and the reasoning is the same as for adding an assisted category: More QSOs. Those advocating for rule changes or additional categories seem to be in the vocal minority. Each contest has its own niche and flavor. The NAQP puts more of an emphasis on turning the Big Knob and good old fashioned operating. The bottom line is that the NAQP is thriving with the current set of rules, and the vast majority of participants enjoy it just the way it is. I encourage anyone who has not participated or has just participated casually to really push yourself next time. Everyone is running the same power (sorry QRP guys!), so you can save some electricity by keeping

that Alpha off. Finding multipliers yourself is still a skill that separates operators during friendly cross-town rivalries. Disconnect from the Internet for two Saturdays a year; it will still be there when you get back. There is still magic in ham radio, and the NAQP looks to at least preserve some of that magic.

## Single Op Low Power

As the sunspots wane, we say the same thing every year, “I hope 10 meters holds on for one more season!” It seems as though the NAQP CW might be a 5-band contest for a while longer, if this year was an indicator of things to come. The most 10 meter QSOs by a top 10 single op was a whopping six. Fifteen meters was worse than usual, but at least supported some decent QSO totals from many parts of North America. The low bands took up a lot of the slack, and stations from coast to coast reported outstanding rates, even with marginal antennas.

Steve, N2IC, logged both the most QSOs and most multipliers among the single ops and came away with a solid win. Ninety QSOs and two multipliers behind Steve was Pat, N9RV, in second place. With more than 1,100 miles separating them, these two are always battling for the

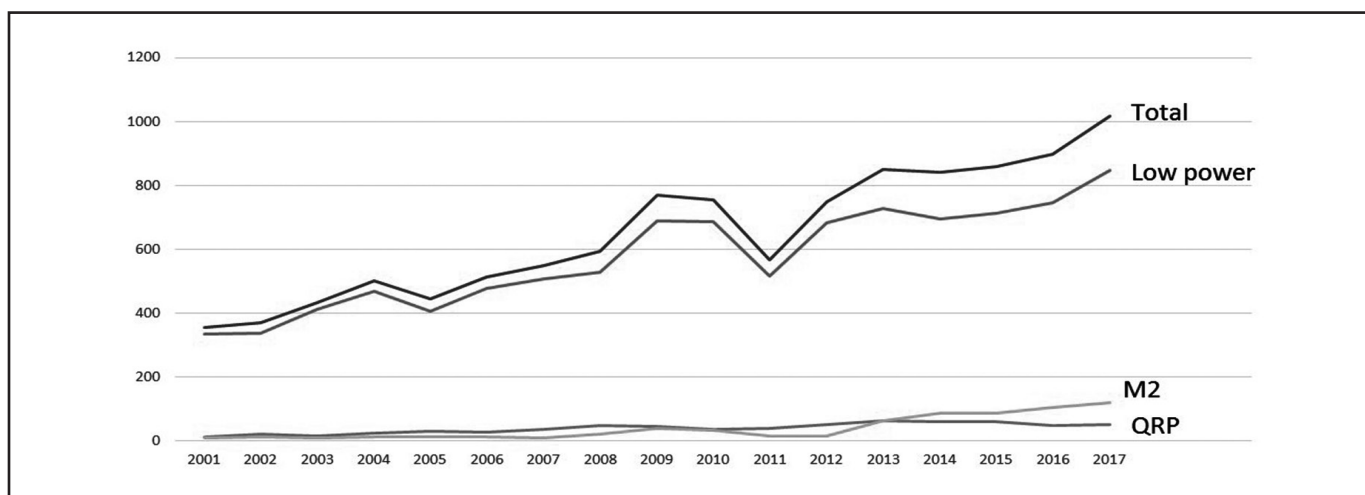


Figure 1 — Logs submitted for the January NAQP, 2001 through 2017.

top spot, employing completely different operating strategies and experiencing different band conditions. Logging accuracy is always important, and this year saw some shuffling of the Top 10 after the log checkers did their job. A notable addition to

the Top 10 this year is Axel, KI6RRN, who piloted K6NA to a 6th place finish. Keep an eye out for him in the future!

New to the results this year is the addition of a "Top 10 Fewer than 30 Band Changes" box. Taking a cue from the CW Sprint playbook, it shows a different side of the contest. There seemed to be a noticeable trend change between 20 and 30 band changes across all logs. Presumably the stations with fewer than 30 are running SO1R, where the stations with more are clearly SO2R. Manipulating log data is a great way to see how you stack up against others with similar station capabilities without having to create a separate category. Bob, K8IA, is a noteworthy standout with his 8 total band changes to take 5th place overall.

terms of the number of entries. If you are looking for a new challenge next time, the QRP category could be a great option.

### Multi-Two

This was another record year for M2 log entries. Most of that increase was driven by SOA entries being reclassified as M2, but there was also an excellent turnout of very competitive multioperator entries. The race for 1st place was extremely close among K5GO, W2FU, and KØRF. These are three large stations, all with outstanding operators who know how to generate Qs. The ops at K5GO managed 79 more contacts than W2FU to make up for W2FU's four additional multipliers. KØRF was only 35 QSOs and 6 multipliers short of 2nd place. This was one of the closest top 3 finishes in a long time, and it is this kind of competition that makes things really fun. The groups at NC4KW, and N2NT rounded out the Top 5.

### DC — Finally!

For many operators in the District of Columbia, this NAQP CW will always be a little bit special. After a lot of lobbying over the years, they were finally granted multiplier status. Four separate entries from DC turned in logs for this inaugural run. The proud owner of the first DC record is Rich, NN3W, who piloted KE3X. We are all looking forward to many QSOs with DC in the years ahead.

### Top 10 Fewer than 30 Band Changes

Call Sign	Score	QSOs	Mults	Band Changes
K8IA	271,712	1213	224	8
N4BP	247,775	1325	187	9
N7CW	224,334	1089	206	6
K5TR	217,490	1195	182	18
K6LL	211,280	1112	190	20
K0SN	199,995	1005	199	15
N5NU	193,188	947	204	20
NA6O	191,948	1021	188	24
KB7Q	190,920	1032	185	6
K5CM	189,945	1005	189	18

### Most Band Changes

Call Sign	Score	QSOs	Mults	Band Changes
K6NA	265,524	1218	218	639
AA3B	260,292	1194	218	636
N2IC	369,305	1585	233	613
NO3M	204,880	1040	197	501
N4AF	254,980	1220	209	489
W6YX	260,712	1207	216	484
K4RO	253,725	1275	199	451
N9RV	345,345	1495	231	447

### Single Op QRP

The high bands are often the QRP operator's best friend. Unfortunately that wasn't the case this year! Gary, N7IR, nabbed his first QRP category win after a hard-fought battle with perennial top QRP finisher W6JTI. Gary had the most QSOs and multipliers of any QRP entrant this year. In 3rd place was NN7SS, operated remotely by K6UFO. There were quite a few storms in the Southwest this year, and all QRP ops were fighting an uphill battle as the ops on the other end fought static crashes. The QRP category has not seen much change over the past few years in

### Single Op Top 10 Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	Team
N2IC	369,305	1585	233	76/27	304/49	452/59	562/61	187/36	4/1	Arizona Outlaws - Bobcats
N9RV	345,345	1495	231	149/40	295/51	393/52	444/51	214/37	0/0	Big Sky Cont'rs. - Polar Bears
NR5M (K5GA)	275,628	1236	223	75/31	227/49	481/61	385/58	65/22	3/2	DFWCG STOUT
N5ZO	273,520	1315	208	38/10	187/44	453/56	398/56	237/41	2/1	SCCC #2
K8IA	271,712	1213	224	49/25	223/48	303/52	398/56	240/43	0/0	Arizona Outlaws - Bobcats
K6NA (KI6RRN)	265,524	1218	218	49/17	213/49	394/53	344/55	214/42	4/2	SCCC #1
W6YX (N7MH)	260,712	1207	216	68/22	149/46	284/52	514/57	186/37	6/2	NCCC Team #1
AA3B	260,292	1194	218	142/37	318/49	355/53	325/56	51/20	3/3	CWOpS + FRC
N4AF	254,980	1220	209	190/38	469/55	348/59	154/42	59/15	0/0	PVRC Rappahannock 3
K4RO	253,725	1275	199	211/38	519/53	341/52	158/44	44/11	2/1	TCG #1

### Single Op QRP Top Five Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	Team
N7IR	68,665	443	155	16/9	45/25	175/47	115/40	87/31	5/3	Arizona Outlaws - Coyotes
W6JTI	57,510	426	135	25/7	42/11	125/36	167/49	67/32	0/0	NCCC Team #3
NN7SS (K6UFO)	50,439	391	129	10/4	39/19	92/35	180/46	68/24	2/1	Brass Pounding Salmon
N5OE	43,197	363	119	18/13	86/36	107/31	145/34	7/5	0/0	DFWCG Ale
KT8K	25,480	245	104	21/14	118/40	51/28	44/18	11/4	0/0	NCC/MRRC Team 4

### Multi-Two Breakdowns

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
K5GO	568,425	2067	275	317/55	625/66	598/67	460/68	66/18	1/1
W2FU	554,652	1988	279	379/53	623/65	468/66	423/67	95/28	0/0
KØRF	533,169	1961	273	199/53	599/66	516/65	569/61	69/27	1/1

## Team Scores

### 1. Arizona Outlaws - Bobcats

N2IC	369,305
K8IA	271,712
N7CW	224,334
K6LL	211,280
KB7Q	190,920
<b>Total</b>	<b>1,267,551</b>

### 2. DFWCG STOUT

NR5M	275,628
K5WA	220,968
K5TR	217,490
N5NU	193,188
W5KFT	175,724
<b>Total</b>	<b>1,082,998</b>

### 3. NCCC Team #1

W6YX	260,712
N6TV	204,001
NA6O	191,948
AE6Y	180,744
K6MR	172,020
<b>Total</b>	<b>1,009,425</b>

Team	Operators	Total
4. SMC 0001	W9RE, N9CK, K9CT, K3WA, K9NR	903,335
5. Deep Dixie CC-Team #1	N4BP, N4OGW, NP2X, K5KU	885,408
6. TCG #1	K4RO, N4ZZ, WO4O, K1GU, W4NZ	875,896
7. NCCC Team #2	N3ZZ, K6SRZ, K9YC, W1RH, N6ZFO	767,634
8. SCCC #1	K6NA, XE2MX, AC6T, W6TK, NC6K	748,625
9. DFWCG Bock	K5RT, W0UO, K5AX, WQ5L, W8FN	737,527
10. MWA Walleyes	NA0N, K0, AC0, K0PK, K0MPH	699,911
11. NCC/MRRC Team 1	NO3M, NA8V, K3UA, W1NN, K8AJS	692,491
12. Big Sky Contesters-Polar Bears	N9RV, K7BG, KJ9C, AB5ZA/7	668,089
13. CCO 1	VE3JM, VE3EJ, VE3XB, VA3DF, CG3KI	643,209
14. CWOps + FRC	AA3B, K9OM, AB3CX, NA3D	629,801
15. PVRC Rappahannock 1	K7SV, NR4M, KA4RRU, KG3V, K4GMH	608,479
16. Deep Dixie CC-Team #2	K5KG, NO5W, N8BJQ, W5TM, NN5O	601,604
17. SECC#1	K4BAI, KU8E, K2SX, N4IQ, WH6YH	583,095
18. Los Chachos	NP4Z, NP3A, KP3W, CO8ZZ	507,411
19. SCCC #2	N5ZO, K6NR, WN6K, WQ6X	500,405
20. NCCC Team #3	N6DE, W1SRD, ND2T, W6JTI, AD6E	449,137
21. PVRC Rappahannock 3	N4AF, W4AU, KE4S, W4RM	445,092
22. DFWCG Bitter	K5TU, K5CI, N5KWN, K0NM, N5AW/0	433,465
23. Bahma Regulars #1	N4OX, N4KH, WA1FCN, K4IQJ	424,543
24. KCCC BBQ	K10I, K0VBU, NW0M, K3PA	401,780
25. Deep Dixie CC-Team #3	K3SV, KG5U, N4EEB, K4AFE, K1DW	388,798
26. CCO 2	VE3CX, VE3RZ, VE3VN, VE3IAE, VA3EC	388,724
27. NCC/MRRC Team 2	K9NW, K8BKM, K8RYU, AF8A	357,311
28. PVRC Downtown DC	N3QE, KE3X, K8GU, W3DQ, NN3RP	355,395
29. Arizona Outlaws-Diamondbacks	WA7LNW, K7FA, K6WSC, AA7V, KE2VB	347,476
30. PVRC Rappahannock 2	N9NB, W4NF, KC4D, K4HQK, N4DXS	346,775
31. Arizona Outlaws-Coyotes	K7WP, W6RW, N7IR, K0MP	337,633
32. Niagara Frontier Radiosport	K2NV, W2GR, W2RR, K2QB, K2ZR/4	299,579
33. YCCC SolarWindSurfers	N2AN, K5ZD, W1KM, K1KI	295,353
34. SMC 0010	WB9Z, N7US, N9EP, K9OR, WB8BZK	295,230
35. Big Sky Contesters-Arctic Foxes	K0SN, W7KF, K7ABV, NE4RD	293,158
36. KCG	W5MX, K4FT, ND4Y, N4QS, K4FXN	289,799
37. YCCC Fluxbusters	K1TR, W1UJ, K1IU, W1HIS	288,837
38. SMC 0100	NJ8M, WM9Q, WW9R, WT2P, K9MMS	286,861
39. Radio Club of Redmond	WC7Q, N7QT, W7GKF, W9PL	281,079
40. NCCC Team #4	KA6BIM, K9JM, K6RIM, K6LRN	280,861
41. GCG Team #1	N4PN, WA1S, WA2MBP, ND4K	271,831
42. DFWCG Malt	N5QQ, W0VX, WA8ZBT, KT5V, K5BG	260,520
43. Brass Pounding Salmon	N7WA, NN7SS, N7BV, K5TRI, K7WA	257,482
44. SECC#2	W4OC, WN4AFP, AA4GA	256,027
45. TCG #3	K0EJ, KS4X	245,963
46. Arizona Outlaws-Tarantulas	W9CF, N9NA, WU9B, KC7V, N5SJ	234,384
47. KCCC Jazz	K0OU, AA0FO, W7FB	229,854
48. SCCC #3	N6MJ, N6NC, W6KY	226,060
49. PVRC Northwest 1	K3AJ, W2CDO, K3KU	222,133
50. YCCC WeCanSeeEuropeans	K1EBY, N1IX, W1FJ	220,155
51. PVRC Northwest 3	KD4D, K3EW, WR3R, W3SFG	216,386
52. SMC 1001	N9CO, N9LQ, N9TF, N9LJX, N9GUN	206,933
53. SMC 0011	NSOR, KC9EE, K9CC, W9YS, N9AFU	198,537
54. Order of Boiled Owls A-Team	K2LE, K2QMF, K2RB, N2GA, NA2M	197,278
55. SMC 1100	WI9WI, WD9CIR, WE9V, KE0L, WT9U	154,575
56. MWA North Stars	K0HB, N0IJ, N0BUI, WG0M	149,024
57. NCCC Team #7	W6OAT, K6DGW, N3RC, K6GHA, NC6RJ	148,851
58. NCCC Team #5	N6WM, AJ6V, KR6N, K6XN, W6VMW	148,192
59. Bahma Regulars #2	K3IE, W4NBS, N4SDB, W4ER	143,256
60. PVRC Multi-Chapter	N3UA, K4ORD	139,143
61. NCCC Team #6	N6EE, N0KQ, WU6X, N6AJS, K6CSL	135,999
62. PVRC Southwest VA	W4YE, N3KN, K1GG, N8AID	129,767
63. DFWCG Ale	N5TJ, N5OE, WB0TEV, K5SS	125,217
64. Deep Dixie CC-Team #4	K7IA, HP1XT, KE8G	124,480
65. SMC 1011	W9SMC, WB8RFB, WB9HFK, W9XT, WB9TFH	120,753
66. DFWCG Pilsner	NM5M, W5JMW, AF5DM, K5IID	114,177
67. TORO	HI3TT, HI3Y, AD4Z, HI3CC	113,238
68. TCG #2	W4UT, AB4GG, N4NA	108,234
69. MCC Blue-Nosed Herring-Choking	VE9AA, VA1MM, VE9CB, VY2LI	102,964
70. Metro Marauders	W9ILY	101,996
71. Flying Pigs	K7LVJ, K07I, NG7W, N7KRN	92,973
72. Swamp Foxes	NJ4F, KS4YX, K7OM	90,244
73. El Jefe's Pistolas	W2EG, WA2JQK, NG2D	87,876
74. TDXS	WB5TUF, KJ5Y, AJ4F, N5XZ	80,705
75. PVRC Colonial Capital 1	K4MI, W3TB, N4DJ, A14QQ	74,977
76. Big Sky Contesters-Snowy Owls	KE7X, N7DXT, W7IWW	70,637

77. CCO 3	VE3HG, VE3MV, CF3RKM, VA3WR	66,835
78. SMC 1010	W9QL, WØGXA, NJ9R, W9DCA, NG9R	63,073
79. The Braille Team	K5XU, W3IUU, KW3A	60,134
80. RSM1	W6NF, VE4ET	54,680
81. KCG-PT	KM4FO, KE4KY, N4JRG, K4AVX	53,617
82. DELARA Contest Team	K8MP	52,096
83. SMC 1101	K9FO, KB9BIB, AJ9C, KC9UJS, AF9J	48,772
84. SMC 0110	K9IG, K9LA, K9GY, K9DUR	46,973
85. PVRC Tidewater	W4VIC, K5VIP	46,520
86. Barred Owl Radio Club	K4VD, KI4STU	46,467
87. Order of Boiled Owls B-Team	KA2D, W2YK, KS2G, KC2KY	46,439
88. SMC 0111	K9ZO, KC9QQ, KG9X, KK9EJ	44,984
89. Metro Mayhem	N9TK, W9OA	44,463
90. PVRC Northwest 2	K4FTO, WA3AER, N1SZ	41,608
91. NCC/MRRRC Team 4	KT8K, NF8M, W3USA	39,420
92. NCC/MRRRC Team 3	K8MR	37,200
93. PVRC Colonial Capital 2	KK4R, NR4C, K8LF	37,097
94. SMC 0101	K9CW, AI9T	32,420
95. NCCC Team #11	KZ2V, KA6W, KE6GLA, K6MM	25,926
96. SMC 1000	KK9V, KW9U	22,664
97. PVRC Annapolis	K3CCR	20,856
98. DFWCG Lager	W5RZ	19,285
99. NCCC Team #8	KE6QR, KI6OY, NJ6G, NM6E, N6NUL	16,240
100. NCCC Team #10	W6RD, K6XX	10,711
101. PVRC DC Metro	K3STX	9,828
102. Cornwall CG	N3RM	6,048
103. NCCC Team #9	N2NS, KO6LU, W6TCP	2,291
104. Estero Radio Club #1	WA6I	1,890
105. Shenandoah Valley Wireless	AD4TJ	1,682
106. PVRC Laurel	N3XL	275
107. MWA Loons	NØUK	66

### Single Operator Scores

Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
K1TR	183,264	996	184	NH	YCCC Fluxbusters	NN1AA (K1IR)	9	3	3	MA	
K1RO	162,450	855	190	NH							
K1MK						AB3CX	135,966	731	186	NY	CWOps + FRC
(@K1TTT)	132,858	549	242	MA		K2NV	124,415	745	167	NY	Niagara Frontier Radiosport
N2AN						K2KQ	101,752	644	158	NY	
(WC4E)	107,892	666	162	MA	YCCC SolarWindSurfers	K2QMF	71,377	521	137	NY	Order of Boiled Owls A-Team
K2LE	104,208	624	167	VT	Order of Boiled Owls A-Team	W2GR	69,432	526	132	NY	Niagara Frontier Radiosport
K1EBY	95,312	592	161	CT	YCCC WeCanSeeEuropers	W2EG	69,420	534	130	NY	El Jefe's Pistolas
W1SJ	93,492	636	147	VT		NA3D	62,738	494	127	NY	CWOps + FRC
K5ZD	77,965	503	155	MA	YCCC SolarWindSurfers	W2RR					
W1KM	77,400	516	150	MA	YCCC SolarWindSurfers	(WA2AOG)	47,498	374	127	NY	Niagara Frontier Radiosport
N1IX	69,083	497	139	NH	YCCC WeCanSeeEuropers	N2UU	44,280	360	123	NJ	
W1FJ	55,760	410	136	MA	YCCC WeCanSeeEuropers	K2QB	39,490	359	110	NY	Niagara Frontier Radiosport
W1UJ	53,019	411	129	MA	YCCC Fluxbusters	N2WK	29,500	250	118	NY	
K1U	41,100	411	100	CT	YCCC Fluxbusters	KE2D	26,775	255	105	NJ	
NB1N	38,525	335	115	MA		N2GM	18,675	225	83	NJ	
K1KI	32,096	272	118	CT	YCCC SolarWindSurfers	WA2JQK	18,126	171	106	NY	El Jefe's Pistolas
K1ESE	25,536	266	96	ME		W2SO					
*K1VUT	23,229	261	89	MA		(KA2DDX)	17,316	222	78	NY	
W1WBB	22,989	237	97	RI		KA2D	16,732	188	89	NY	Order of Boiled Owls B-Team
K1BV	22,560	240	94	CT		W2YK	15,840	180	88	NY	Order of Boiled Owls B-Team
WW1ME	21,840	240	91	ME		W2LE	12,008	152	79	NJ	
W1JQ	19,110	195	98	CT		K2AL	11,972	164	73	NJ	
W1HIS	11,454	166	69	MA	YCCC Fluxbusters	WB2PJH	11,457	171	67	NJ	
W1END	9,880	130	76	NH		WA2FZB	11,060	158	70	NJ	
K1SM	6,576	137	48	MA		K2RB	10,318	154	67	NY	Order of Boiled Owls A-Team
AB1J	5,616	108	52	MA		KS2G	9,438	143	66	NY	Order of Boiled Owls B-Team
N1DID	4,300	86	50	CT		W2TF	8,448	132	64	NY	
KB1ODO	1,560	52	30	VT		N2GA	7,644	147	52	NY	Order of Boiled Owls A-Team
*K1XS	1,452	44	33	CT		KR2Q	7,332	141	52	NJ	
KC1GSL	480	30	16	MA		K2KIB	6,780	113	60	NJ	
W1BJ	440	22	20	MA		K2RET	5,978	122	49	NJ	
WA1DRQ	208	16	13	MA		KA2FHN	5,824	104	56	NY	
N1NN	208	16	13	MA		AC2IK	5,252	101	52	NY	
KJ1J	35	7	5	NH		W2DXE	5,232	109	48	NY	
*K8CN	15	5	3	NH							



Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
KC2LSL	5,200	100	52	NJ		N4PN	181,412	868	209	GA	GCG Team #1
KC2KY	4,429	103	43	NY	Order of Boiled Owls B-Team	K5KG	177,120	984	180	FL	Deep Dixie CC-Team #2
NA2M	3,731	91	41	NY	Order of Boiled Owls A-Team	N9NB	174,279	903	193	VA	PVRC Rappahannock 2
*K2QO	2,880	72	40	NY		K9OM	170,805	885	193	FL	CWOps + FRC
KD2JC	2,520	60	42	NJ		WO4O	163,964	916	179	FL	TCG #1
KC2PJH	2,028	52	39	NY		KU8E	145,348	812	179	GA	SECC#1
K2CYE	1,470	49	30	NY		W5MX	143,150	818	175	KY	KCG
WB2NFL	1,260	45	28	NY		NR4M	135,830	799	170	VA	PVRC Rappahannock 1
WA2ALY	860	43	20	NJ		K1GU	133,450	785	170	TN	TCG #1
*WA2NYY	819	39	21	NY		N4CW	133,397	737	181	NC	
WB2NVR	740	37	20	NY		N4OX	129,741	733	177	FL	Bahma Regulars #1
W2JC	720	45	16	NJ		W4NZ	124,497	783	159	TN	TCG #1
W2VM	572	44	13	NY		N4DW	117,705	665	177	TN	
AD3Y	513	27	19	NJ		K3SV	117,364	793	148	FL	Deep Dixie CC-Team #3
N2BEG	460	23	20	NY		N4KH	116,667	783	149	AL	Bahma Regulars #1
NG2D	330	22	15	NY	El Jefe's Pistolas	K2SX	109,065	661	165	SC	SECC#1
KX1W	288	24	12	NY		NA4K	105,144	674	156	TN	
K2JF	270	18	15	NY		N4IQ	100,905	651	155	SC	SECC#1
K2SI	252	21	12	NY		WA1FCN	100,750	650	155	AL	Bahma Regulars #1
AA3B	260,292	1194	218	PA	CWOps + FRC	W4AU	100,595	649	155	VA	PVRC Rappahannock 3
NO3M	204,880	1040	197	PA	NCC/MRRC Team 1	KA4RRU	98,049	667	147	VA	PVRC Rappahannock 1
KD4D	167,524	868	193	MD	PVRC Northwest 3	K3IE	97,736	643	152	TN	Bahma Regulars #2
N3QE	142,275	813	175	MD	PVRC Downtown DC	N6EE	96,824	637	152	GA	NCCC Team #6
K3UA	140,094	774	181	PA	NCC/MRRC Team 1	W4NF	87,584	644	136	VA	PVRC Rappahannock 2
KE3X (NN3W)	132,997	743	179	DC	PVRC Downtown DC	N3UA	85,995	585	147	VA	PVRC Multi-Chapter
K3AJ	114,798	722	159	MD	PVRC Northwest 1	WA1S	82,698	537	154	GA	GCG Team #1
K3WW	102,648	611	168	PA		W4YE	81,337	499	163	VA	PVRC Southwest VA
N3RD	77,233	457	169	PA		KG3V	78,402	537	146	VA	PVRC Rappahannock 1
K3UL	68,112	473	144	PA		K4GMH	77,588	652	119	VA	PVRC Rappahannock 1
W2CDO	62,100	450	138	MD	PVRC Northwest 1	K4IQJ	77,385	469	165	AL	Bahma Regulars #1
N8NA	61,344	426	144	DE		N4EEB	75,600	525	144	FL	Deep Dixie CC-Team #3
K8GU	47,380	412	115	MD	PVRC Downtown DC	N4TB	73,984	544	136	FL	
K3KU	45,235	415	109	MD	PVRC Northwest 1	KE4S	66,297	451	147	VA	PVRC Rappahannock 3
K3TN	40,599	347	117	MD		K4OWR	59,280	456	130	TN	
K3EW	37,518	338	111	MD	PVRC Northwest 3	WF3T	58,927	487	121	FL	
W3DQ	25,654	254	101	DC	PVRC Downtown DC	K4ORD	53,148	412	129	VA	PVRC Multi-Chapter
N3AM	24,885	237	105	MD		K4AFE	51,480	390	132	TN	Deep Dixie CC-Team #3
W3MR	24,192	224	108	MD		N4UA	50,813	427	119	VA	
W3IUU	22,780	268	85	MD	The Braille Team	WS6X	50,432	394	128	VA	
K3CCR (N3UM)	20,856	264	79	MD	PVRC Annapolis	AD4EB	49,560	413	120	TN	
WA3AER	17,248	224	77	MD	PVRC Northwest 2	KC4D	49,536	387	128	VA	PVRC Rappahannock 2
NA3V	15,990	195	82	PA		K4FT	48,723	447	109	KY	KCG
KB3LIX	14,580	180	81	PA		K4VD	45,878	406	113	VA	Barred Owl Radio Club
K3STX	9,828	126	78	MD	PVRC DC Metro	ND4Y	44,288	346	128	KY	KCG
WR3R	9,576	126	76	MD	PVRC Northwest 3	N4QS	43,368	417	104	KY	KCG
K3PP	8,500	125	68	PA		W4UT	41,052	311	132	TN	TCG #2
W3CB	8,320	130	64	MD		WH6YH	40,817	343	119	GA	SECC#1
W3KB	7,380	123	60	PA		NJ4F	39,624	312	127	SC	Swamp Foxes
NN3RP	7,089	139	51	DC	PVRC Downtown DC	K4MI	37,908	351	108	VA	PVRC Colonial Capital 1
WA3AAN	6,380	116	55	PA		K8MR	37,200	310	120	FL	NCC/MRRC Team 3
KW3A	6,254	106	59	PA	The Braille Team	AB4GG	34,992	324	108	TN	TCG #2
N3RM	6,048	112	54	PA	Cornwall CG	AA4DD	34,983	299	117	TN	
W3RGA	5,566	121	46	PA		W4PM	32,895	387	85	VA	
WB8YYY	4,851	99	49	MD		KJ4LTA	32,240	260	124	AL	
N1SZ	4,365	97	45	MD	PVRC Northwest 2	N4NA (NB4M)	32,190	290	111	TN	TCG #2
K3CT	3,654	87	42	PA		K3SEN	32,010	291	110	FL	
K3RMB	3,555	79	45	PA		AD4Z	31,800	300	106	FL	TORO
K3VA	3,280	82	40	PA		WN4AFP	30,952	292	106	SC	SECC#2
WS3C	3,120	104	30	PA		W4CU	30,240	288	105	FL	
K3SX	2,769	71	39	MD		KS4X	28,363	251	113	TN	TCG #3
N3JNX	2,394	63	38	PA		KM4FO	28,196	266	106	KY	KCG-PT
W3SFG	1,768	52	34	MD	PVRC Northwest 3	W4VIC	27,032	248	109	VA	PVRC Tidewater
K3YNY	1,716	66	26	MD		N4WE	26,712	252	106	AL	
KF3G	968	44	22	PA		W4JAM	26,487	243	109	VA	
N3UR	920	46	20	MD		N3KN	26,001	243	107	VA	PVRC Southwest VA
K3UW	527	31	17	PA		W1AJT	25,920	240	108	NC	
W3WTD	512	32	16	MD		KS4YX	25,920	270	96	SC	Swamp Foxes
N3XL	275	25	11	MD	PVRC Laurel	K4HQK	24,750	250	99	VA	PVRC Rappahannock 2
*K3HX	238	17	14	PA		K2AV	24,728	281	88	NC	
NF3R	1	1	1	PA		K7OM	24,700	247	100	SC	Swamp Foxes
N4AF	254,980	1220	209	NC	PVRC Rappahannock 3	W3TB	24,552	264	93	VA	PVRC Colonial Capital 1
K4RO	253,725	1275	199	TN	TCG #1	W4NBS	24,472	266	92	AL	Bahma Regulars #2
N4BP	247,775	1325	187	FL	Deep Dixie CC-Team #1	WA8OJR	24,464	278	88	SC	
K7SV	218,610	1041	210	VA	PVRC Rappahannock 1	N1RM	23,994	258	93	VA	
KØEJ	217,600	1088	200	TN	TCG #3	W4RM	23,220	258	90	VA	PVRC Rappahannock 3
W4OC	213,180	1020	209	SC	SECC#2	WK4U	22,834	233	98	GA	
N4ZZ	200,260	1054	190	TN	TCG #1	KK4R	22,473	227	99	VA	PVRC Colonial Capital 2
K4BAI	186,960	912	205	GA	SECC#1	K1GG	22,220	220	101	VA	PVRC Southwest VA
						K4XL	21,538	242	89	VA	
						K9JU	21,182	238	89	TN	
						N4UEZ	20,880	290	72	NC	
						N3GD	20,867	271	77	FL	

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K4WW	20,394	198	103	KY		N8AID	209	19	11	VA	PVRC Southwest VA
K4FTO	19,995	215	93	VA	PVRC Northwest 2	*W8DXU/4	126	14	9	SC	
K5VIP	19,488	224	87	VA	PVRC Tidewater	N3AO	72	9	8	VA	
K2ZR/4	18,744	213	88	FL	Niagara Frontier Radiosport	*KG4MTN	64	8	8	TN	
WB4YDY	18,690	210	89	TN		NQ4K	36	6	6	VA	
KM4HI	18,228	196	93	FL							
KE4KY	17,733	257	69	KY	KCG-PT	N2IC	369,305	1585	233	NM	Arizona Outlaws-Bobcats
K9UQN	17,696	224	79	TN		NR5M					
K4RUM	17,544	204	86	FL		(K5GA)	275,628	1236	223	TX	DFWCG STOUT
KN4Y	17,195	181	95	FL		N4OGW	232,447	1217	191	MS	Deep Dixie CC-Team #1
W4KTR	17,015	205	83	GA		K5WA	220,968	1116	198	TX	DFWCG STOUT
K4GM	16,948	223	76	VA		K5TR					
K1TN	16,350	218	75	FL		(K5OT)	217,490	1195	182	TX	DFWCG STOUT
N3JT	16,324	212	77	VA		N5NU	193,188	947	204	TX	DFWCG STOUT
N4SDB	16,254	189	86	AL	Bahma Regulars #2	K5CM					
K4QPL	15,478	218	71	NC		(W5CW)	189,945	1005	189	OK	
W4UX	14,960	220	68	NC		KZ5D	189,912	984	193	LA	
NR4C	13,280	166	80	VA	PVRC Colonial Capital 2	K5RT	188,480	992	190	TX	DFWCG Bock
NS4X	12,160	160	76	TN		K5KU	175,778	982	179	LA	Deep Dixie CC-Team #1
AA4GA	11,895	183	65	GA	SECC#2	W5KFT					
N4DJ	11,700	156	75	VA	PVRC Colonial Capital 1	(K5PI)	175,724	892	197	TX	DFWCG STOUT
KU4V	10,952	148	74	NC		W0UO	170,181	891	191	TX	DFWCG Bock
N4DXS	10,626	154	69	VA	PVRC Rappahannock 2	K5YAA	153,850	850	181	OK	
K4YND	10,437	147	71	VA		K5TU	141,900	946	150	TX	DFWCG Bitter
K4FXN	10,270	158	65	KY	KCG	K5AX	135,546	779	174	TX	DFWCG Bock
KN4KL	10,212	148	69	VA		WQ5L	127,160	748	170	MS	DFWCG Bock
N4HA	8,120	116	70	NC		NO5W	123,234	874	141	LA	Deep Dixie CC-Team #2
N3CKI	7,965	135	59	VA		K5TU	118,716	761	156	NM	
KG4CUY	7,380	123	60	AL		W8FN	116,160	726	160	TX	DFWCG Bock
N9DFD	7,254	117	62	GA		KG5U	115,666	766	151	TX	Deep Dixie CC-Team #3
W7HJ	6,380	110	58	VA		AC4CA	113,100	754	150	TX	
K2MK	6,314	154	41	FL		AE5GT	107,457	731	147	TX	
N4JRG	6,148	116	53	KY	KCG-PT	N5QQ	106,379	637	167	TX	DFWCG Malt
N4GU	5,376	96	56	NC		K5CI	101,536	668	152	TX	DFWCG Bitter
W2YE	5,050	101	50	VA		W5TM	95,910	690	139	OK	Deep Dixie CC-Team #2
W4TG	4,998	98	51	VA		NN5O	90,365	583	155	MS	Deep Dixie CC-Team #2
W0QQG	4,880	122	40	VA		NM5M	84,744	642	132	TX	DFWCG Pilsner
KBØR	4,836	93	52	FL		W0VX	82,425	525	157	TX	DFWCG Malt
K4MIL	4,836	93	52	VA		N5TJ	79,800	532	150	TX	DFWCG Ale
*W4ER	4,794	94	51	AL	Bahma Regulars #2	K5LG	76,504	524	146	AR	
WA2MBP	4,455	99	45	GA	GCG Team #1	N5KWN	73,206	581	126	TX	DFWCG Bitter
W4VG	3,648	76	48	VA		KØNM	72,576	576	126	TX	DFWCG Bitter
WD8RYC	3,584	64	56	TN		WA5SOG	63,488	496	128	AR	
AJ4AY	3,525	75	47	AL		N5EE	57,720	481	120	AR	
K4BSK	3,298	97	34	NC		WA8ZBT	57,354	474	121	TX	DFWCG Malt
N4XYZ	3,285	73	45	VA		K7IA	51,705	383	135	NM	Deep Dixie CC-Team #4
ND4K	3,266	71	46	GA	GCG Team #1	N5UL	48,025	425	113	NM	
KJ4IWZ	3,256	74	44	TN		K5TA	45,798	449	102	NM	
AD4IE	3,150	70	45	NC		*N5OE	43,197	363	119	TX	DFWCG Ale
K4DJG	2,808	72	39	VA		N5XE	35,937	297	121	OK	
KJ4QHL	2,725	109	25	FL		WB5TUF	33,536	256	131	TX	TDXS
KJ4WD	2,613	67	39	NC		KJ5Y					
*W4DCS	2,448	68	36	NC		(MMØLID)	31,652	386	82	TX	TDXS
KT4XN	2,322	54	43	FL		K5XU	31,100	311	100	MS	The Braille Team
*W3USA						K1DW	28,688	326	88	LA	Deep Dixie CC-Team #3
(K8MR)	2,108	68	31	FL	NCC/MRRC Team 4	KD5J	28,013	257	109	AR	
NX4N	1,943	67	29	FL		KK5JY	24,055	283	85	OK	
K4WI	1,872	52	36	AL		K5UV	22,784	256	89	OK	
W4ZYT	1,862	49	38	VA		N5UM	22,692	244	93	OK	
AD6JV	1,683	51	33	VA		*N4IJ	22,311	201	111	OK	
AD4TJ	1,682	58	29	VA	Shenandoah Valley Wireless	N5SJ	22,011	253	87	NM	Arizona Outlaws-Tarantulas
K6RM	1,568	56	28	NC		N5OT	21,385	235	91	OK	
N4LZ	1,551	47	33	FL		N3BB	20,097	231	87	TX	
K4AVX	1,540	55	28	KY	KCG-PT	W3DQN	19,575	225	87	TX	
W4BW	1,378	53	26	GA		W5RZ	19,285	203	95	AR	DFWCG Lager
W4GDG	1,378	53	26	VA		N9NM	17,954	191	94	TX	
K8LF	1,344	48	28	VA	PVRC Colonial Capital 2	N9OF	17,200	200	86	TX	
K4ALE	1,326	51	26	VA		KC5FP	16,632	198	84	TX	
KK4FEM	1,280	40	32	FL		W5JMW	15,038	206	73	TX	DFWCG Pilsner
W4JUU	1,125	45	25	TN		KT5V	11,550	165	70	TX	DFWCG Malt
N3EA	1,035	45	23	FL		AJ4F	10,792	142	76	TX	TDXS
K2BIO	920	46	20	VA		K5IX	10,080	140	72	TX	
AI4QQ	817	43	19	VA	PVRC Colonial Capital 1	AF5DM	8,379	133	63	TX	DFWCG Pilsner
N4NTO	680	34	20	NC		WB9G	7,140	119	60	LA	
KLØS	660	30	22	VA		K5IID	6,016	94	64	TX	DFWCG Pilsner
*KI4STU	589	31	19	NC	Barred Owl Radio Club	KD2KW	5,684	98	58	TX	
W2ARP	494	26	19	FL		AE5P	5,460	105	52	TX	
NC4MI	493	29	17	NC		KF5ALL	4,998	98	51	TX	
K3YEO	312	24	13	VA		N5XZ	4,725	135	35	TX	TDXS
W4PFM	247	19	13	VA		W8OV	4,704	98	48	TX	
N2QT	240	24	10	VA		K7ZYV	4,650	93	50	MS	
*KN4VV	231	21	11	VA		KF5VRD	3,784	86	44	OK	

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KC2LM	3,219	87	37	NM		KE6GLA	5,565	105	53	CA	NCCC Team #11
*W5LL	3,060	68	45	TX		K6KQV	5,355	119	45	CA	
W5JK	2,849	77	37	TX		*WA6JRZ					
K5BG	2,812	76	37	TX	DFWCG Malt	(W6XK)	5,253	103	51	CA	
*KD2BGM	1,675	67	25	TX		WB6JJJ	4,554	99	46	CA	
KE5OG	1,456	52	28	TX		W6SFK	4,293	81	53	CA	
WB5K	1,450	50	29	TX		KM6HB	3,800	95	40	CA	
WB0TEV	1,260	45	28	TX	DFWCG Ale	K6CSL	2,940	70	42	CA	NCCC Team #6
WB7PVL	1,104	46	24	TX		KI6OY	2,849	77	37	CA	NCCC Team #8
K5SS	960	40	24	TX	DFWCG Ale	W6JBR	2,769	71	39	CA	
KC5DCT	910	35	26	TX		NC6RJ	2,552	88	29	CA	NCCC Team #7
KC5SB	504	28	18	OK		N6VH	2,400	75	32	CA	
N5XJ	425	25	17	TX		N6PM	2,304	72	32	CA	
N5FNC						N2CJN	2,035	55	37	CA	
(NK5G)	300	20	15	TX		WA6I	1,890	54	35	CA	Estero Radio Club #1
K5VR	160	16	10	AR		N6EWT	1,479	51	29	CA	
NM6E	45	9	5	TX	NCCC Team #8	K6OK	1,372	49	28	CA	
N5DTT	16	4	4	TX		N2NS	1,053	39	27	CA	NCCC Team #9
						N6KT	987	47	21	CA	
N5ZO	273,520	1315	208	CA	SCCC #2	*NK6A	884	34	26	CA	
K6NA						KO6LU	874	38	23	CA	NCCC Team #9
(KI6RRN)	265,524	1218	218	CA	SCCC #1	N6DQ	756	36	21	CA	
W6YX						N6LL	726	33	22	CA	
(N7MH)	260,712	1207	216	CA	NCCC Team #1	N6RO	700	35	20	CA	
N6TV	204,001	1057	193	CA	NCCC Team #1	W6RKC	638	29	22	CA	
NA6O	191,948	1021	188	CA	NCCC Team #1	K6DQG	532	28	19	CA	
AE6Y	180,744	886	204	CA	NCCC Team #1	K6MM	500	25	20	CA	NCCC Team #11
N3ZZ	175,566	1009	174	CA	NCCC Team #2	NJ6G	442	26	17	CA	NCCC Team #8
K6MR	172,020	915	188	CA	NCCC Team #1	W6TCP	364	28	13	CA	NCCC Team #9
K6SRZ	167,760	932	180	CA	NCCC Team #2	AB6CC	360	24	15	CA	
K9YC	155,169	821	189	CA	NCCC Team #2	*W6MZ	336	24	14	CA	
N6MJ	138,040	812	170	CA	SCCC #3	W7TR					
W1RH	137,982	754	183	CA	NCCC Team #2	(KH2TJ)	234	26	9	CA	
K6NR	132,480	736	180	CA	SCCC #2	K6CTA	208	16	13	CA	
N6ZFO	131,157	741	177	CA	NCCC Team #2	W6SFI	195	15	13	CA	
AC6T						N6BHX	195	15	13	CA	
(@W6RFU)	124,152	739	168	CA	SCCC #1	W6JDB	168	14	12	CA	
N6DE						K6III	81	9	9	CA	
(@W6YX)	123,539	731	169	CA	NCCC Team #3	WB6ETY	25	5	5	CA	
W6TK	117,432	699	168	CA	SCCC #1	K6JS	9	3	3	CA	
W1SRD	111,048	661	168	CA	NCCC Team #3	W6FA	9	3	3	CA	
ND2T	106,080	680	156	CA	NCCC Team #3	*KH6BE	6	3	2	KH6	
NC6K	105,347	671	157	CA	SCCC #1	*AD6TF	5	5	1	CA	
KM6Z	95,299	607	157	CA		K6XX	1	1	1	CA	NCCC Team #10
W6OAT	92,092	598	154	CA	NCCC Team #7	N6XI	1	1	1	CA	
K9JM	81,389	539	151	CA	NCCC Team #4	*N6NUL	1	1	1	CA	NCCC Team #8
N6NC	75,600	540	140	CA	SCCC #3	W6/DG1CMZ	1	1	1	CA	
WN6K	72,474	514	141	CA	SCCC #2	KK6DF	1	1	1	CA	
N6MU	70,215	465	151	CA							
K6RIM	69,966	507	138	CA	NCCC Team #4	N9RV	345,345	1495	231	MT	Big Sky Contesters-Polar Bears
N6JV	61,131	497	123	CA		K8IA	271,712	1213	224	AZ	Arizona Outlaws-Bobcats
N6WM	60,690	510	119	CA	NCCC Team #5	K7BG	236,588	1132	209	MT	Big Sky Contesters-Polar Bears
*W6JTI	57,510	426	135	CA	NCCC Team #3	N7CW	224,334	1089	206	AZ	Arizona Outlaws-Bobcats
AD6E	50,960	455	112	CA	NCCC Team #3	K6LL	211,280	1112	190	AZ	Arizona Outlaws-Bobcats
N6RK	46,800	450	104	CA		K0SN	199,995	1005	199	MT	Big Sky Contesters-Arctic Foxes
W0YK	42,800	428	100	CA		KB7Q	190,920	1032	185	AZ	Arizona Outlaws-Bobcats
K6RB	41,724	366	114	CA		WA7LNLW	171,570	903	190	UT	Arizona Outlaws-Diamondbacks
K6LRN	41,300	350	118	CA	NCCC Team #4	N7WA	122,627	823	149	WA	Brass Pounding Salmon
AJ6V	34,400	400	86	CA	NCCC Team #5	K7WP	108,884	668	163	AZ	Arizona Outlaws-Coyotes
AH6KO	28,600	325	88	KH6		W6RW	104,248	664	157	AZ	Arizona Outlaws-Coyotes
KR6N	28,340	260	109	CA	NCCC Team #5	NG7M					
WQ6X	21,931	241	91	CA	SCCC #2	(@W7CT)	96,942	642	151	UT	
N3RC	16,259	229	71	CA	NCCC Team #7	KA6BIM	88,206	482	183	OR	NCCC Team #4
N0KQ	15,980	188	85	CA	NCCC Team #6	WC7Q	86,664	628	138	WA	Radio Club of Redmond
WW6D	14,014	182	77	CA		K7QA	85,624	556	154	MT	
K6XN	13,662	198	69	CA	NCCC Team #5	N7QT	84,456	621	136	WA	Radio Club of Redmond
AE6JV	13,650	175	78	CA		KJ9C	79,100	565	140	MT	Big Sky Contesters-Polar Bears
KZ2V	13,024	176	74	CA	NCCC Team #11	W7KF	77,140	532	145	MT	Big Sky Contesters-Arctic Foxes
KE6QR	12,903	187	69	CA	NCCC Team #8	W9CF	73,556	518	142	AZ	Arizona Outlaws-Tarantulas
W6KY	12,420	180	69	CA	SCCC #3	W7QDM	73,146	501	146	ID	
WH7W	11,607	159	73	KH6		*N7IR	68,665	443	155	AZ	Arizona Outlaws-Coyotes
WU6X	11,532	186	62	CA	NCCC Team #6	K7LVJ	67,452	511	132	WA	Flying Pigs
W6VMW						N9NA	66,859	481	139	AZ	Arizona Outlaws-Tarantulas
(KM6I)	11,100	185	60	CA	NCCC Team #5	W7GKF	66,598	469	142	WA	Radio Club of Redmond
W6RD	10,710	153	70	CA	NCCC Team #10	K7FA	59,185	445	133	AZ	Arizona Outlaws-Diamondbacks
KF6I	9,735	165	59	CA		K0MP	55,836	517	108	AZ	Arizona Outlaws-Coyotes
W6EU	9,540	159	60	CA		W7PU					
N6NF	9,515	173	55	CA		(N7EPD)	54,000	432	125	WA	
WA6URY	9,246	134	69	CA		*NN7SS					
W6UE						(K6UFO)	50,439	391	129	WA	Brass Pounding Salmon
(N6AN)	8,845	145	61	CA		W7SE	49,502	467	106	WY	
N6AJS	8,723	143	61	CA	NCCC Team #6	K6WSC	46,248	376	123	AZ	Arizona Outlaws-Diamondbacks
KX6A	7,050	141	50	CA		W9PL	43,361	331	131	WA	Radio Club of Redmond
KA6W	6,837	129	53	CA	NCCC Team #11	K7SS	43,066	353	122	WA	
N6IE	6,528	128	51	CA		WU9B	40,494	397	102	AZ	Arizona Outlaws-Tarantulas
KM6I	6,300	126	50	CA		KE7X	40,020	435	92	MT	Big Sky Contesters-Snowy Owls
*K6GHA	6,120	120	51	CA	NCCC Team #7	N7BV	39,530	335	118	WA	Brass Pounding Salmon



Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
K5TRI	36,936	324	114	WA	Brass Pounding Salmon	N4DLR	1,682	58	29	OH	
AA7V	36,507	283	129	AZ	Arizona Outlaws-Diamondbacks	W8KNO	1,350	45	30	OH	
K7GS	34,353	347	99	WA		W8AB	962	37	26	MI	
KE2VB	33,966	306	111	AZ	Arizona Outlaws-Diamondbacks	K8GT	943	41	23	MI	
K6DGW	31,828	292	109	NV	NCCC Team #7	*K8RJW	819	39	21	OH	
KC7V	31,464	276	114	AZ	Arizona Outlaws-Tarantulas	NS8O	300	25	12	OH	
N7DXT	29,536	284	104	MT	Big Sky Contesters-Snowy Owls	*WA8SAN	115	23	5	OH	
KL2R (N1TX)	21,560	280	77	KL7							
K7ABV	15,975	225	71	MT	Big Sky Contesters-Arctic Foxes	W9RE	237,145	1103	215	IN	SMC 0001
NØEF/M	14,235	219	65	AZ		N9CK	208,638	1038	201	WI	SMC 0001
KO7I	13,104	182	72	WA	Flying Pigs	K9CT	170,004	914	186	IL	SMC 0001
K7HBN	11,375	175	65	WA		K3WA	155,760	885	176	IL	SMC 0001
K7AZT	9,486	153	62	AZ		K9MA	155,283	813	191	WI	
W7ZI	9,450	135	70	OR		K9NW	142,975	817	175	IN	NCC/MRRC Team 2
KI7Y	8,960	140	64	OR		K9NR	131,788	701	188	IL	SMC 0001
KR7LD	8,211	119	69	ID		K9BGL	131,274	702	187	IL	
*WC7S	8,001	127	63	WY		WB9Z	124,387	719	173	IL	SMC 0010
K7WA	7,950	150	53	WA	Brass Pounding Salmon	N9CO	117,962	698	169	IL	SMC 1001
NG7W	7,097	151	47	WA	Flying Pigs	K9WX	105,264	688	153	IN	
AB5ZA/7	7,056	126	56	MT	Big Sky Contesters-Polar Bears	W9ILY	101,996	593	172	IL	Metro Marauders
WR7Q	6,157	131	47	UT		W9IU	100,254	682	147	IN	
W7ON	5,724	106	54	AZ		W9AV	92,871	607	153	WI	
N7KRN	5,320	95	56	WA	Flying Pigs	N9SD	87,900	586	150	WI	
AK7O	4,445	127	35	UT		W9WI	81,276	521	156	WI	SMC 1100
WB7UBC	3,698	86	43	OR		KC9EE	78,862	602	131	IL	SMC 0011
K2RD	3,441	93	37	NV		N7US	76,587	521	147	IL	SMC 0010
W07V	2,840	71	40	OR		WM9Q	67,482	489	138	IL	SMC 0100
*K9JVV	2,450	70	35	UT		WW9R	57,360	478	120	WI	SMC 0100
N7JI	2,304	72	32	OR		W9SMC					
W7GF	2,170	62	35	OR		(AB9YC)	48,112	388	124	IL	SMC 1011
W8NOR	1,960	56	35	AZ		W0AIH	47,232	369	128	WI	
KA7PNH	1,952	61	32	WY		WT2P	46,053	387	119	IL	SMC 0100
AF7NX	1,920	60	32	OR		K9SE	45,384	372	122	IL	
WA7AXT	1,204	43	28	WA		K9DJT	44,895	365	123	WI	
K7JNA	1,196	52	23	WA		N9EP	42,558	346	123	IL	SMC 0010
KB7XL	1,196	46	26	NV		WB8RFB	41,540	335	124	IL	SMC 1011
KI7DG	1,104	48	23	WA		WD9CIR	38,720	320	121	IL	SMC 1100
W7IWW	1,081	47	23	MT	Big Sky Contesters-Snowy Owls	N9LQ	38,340	355	108	IL	SMC 1001
*N7RCS	703	37	19	ID		K9IG	35,844	309	116	IN	SMC 0110
KA6JLT	630	30	21	NV		K9FO	31,696	283	112	IL	SMC 1101
K4UB	448	28	16	UT		K9OR	28,028	286	98	IL	SMC 0010
*N7VS	408	24	17	OR		N9KR	27,391	301	91	IN	
*KU7Y	288	18	16	NV		K9ZO	27,306	369	74	IL	SMC 0111
W7EEE	273	21	13	WA		NØIJ	27,260	235	116	WI	MWA North Stars
*N6HI	153	17	9	AZ		K9CW	27,084	244	111	IL	SMC 0101
K6ST	85	17	5	NV		K9CC	25,688	247	104	IL	SMC 0011
*NE4RD	48	8	6	MT	Big Sky Contesters-Arctic Foxes	N9TK	25,456	296	86	IL	Metro Mayhem
W7TX	25	5	5	ID		K9CS	24,900	249	100	IL	
*K8ANM	9	3	3	AZ		K9CQ	24,500	250	98	IL	
KK7A	6	3	2	ID		N9TF	24,089	221	109	IL	SMC 1001
W1DGL	4	2	2	AZ		WB8BZK	23,670	263	90	IL	SMC 0010
						WB9HFK	23,660	260	91	IL	SMC 1011
NA8V	176,675	925	191	MI	NCC/MRRC Team 1	W9TC	22,752	237	96	IN	
N8BJQ	114,975	657	175	OH	Deep Dixie CC-Team #2	W9QL	22,477	247	91	IL	SMC 1010
K8BKM	102,904	677	152	MI	NCC/MRRC Team 2	WQ9T	20,793	239	87	IL	
W1NN	87,616	592	148	OH	NCC/MRRC Team 1	N9LJX	19,758	222	89	IN	SMC 1001
K8AJS	83,226	582	143	OH	NCC/MRRC Team 1	W9OA	19,007	229	83	IL	Metro Mayhem
K8RYU	75,240	495	152	OH	NCC/MRRC Team 2	W9IE	18,318	213	86	IL	
W8PEN	70,923	503	141	OH		KD9MS	18,300	183	100	IL	
W8TM	70,448	592	119	OH		WT9Q	17,686	239	74	WI	
W8KTQ	65,824	484	136	OH		KK9V	17,120	214	80	IN	SMC 1000
K8MP	52,096	407	128	OH	DELARA Contest Team	AC9KW	16,790	230	73	IL	
WB8JUI	49,000	392	125	OH		WE9V	16,380	182	90	WI	SMC 1100
N8LR	45,506	373	122	MI		NJ9R	14,872	169	88	IL	SMC 1010
WA1UJU	42,804	348	123	MI		W9NXM	14,256	176	81	IL	
AF8A	36,192	348	104	OH	NCC/MRRC Team 2	*WS9V	12,075	161	75	IL	
N8FYL	34,917	309	113	MI		KB9BIB	11,573	163	71	IL	SMC 1101
KE8G	34,338	354	97	OH	Deep Dixie CC-Team #4	W9DCA	10,508	148	71	IL	SMC 1010
N8VV	32,786	338	97	OH		K9MMS	9,844	214	46	IL	SMC 0100
W8MET	31,680	288	110	OH		KC9QQ	9,576	171	56	IN	SMC 0111
*KT8K	25,480	245	104	MI	NCC/MRRC Team 4	K9LA	9,504	144	66	IN	SMC 0110
K8NWD	18,080	226	80	MI		KEØL	9,408	147	64	IL	SMC 1100
NW8U	16,568	218	76	WV		KYØQ	9,009	143	63	IL	
KB8O	13,984	184	76	OH		WT9U	8,791	149	59	IN	SMC 1100
K7DR	13,950	186	75	MI		W9RF	8,526	147	58	IL	
KE8ANS	13,338	171	78	OH		KG9X	8,046	149	54	IL	SMC 0111
NF8M	11,832	174	68	MI	NCC/MRRC Team 4	W9XT	7,168	112	64	WI	SMC 1011
K8GIB	11,100	150	74	OH		N9GUN	6,784	128	53	IL	SMC 1001
N8II	10,920	168	65	WV		W9UM	6,206	107	58	IN	
KW8N	9,620	148	65	OH		NØFCD	6,039	99	61	IL	
NX8G	9,179	137	67	OH		K9PG	5,841	99	59	IL	
W8UE	7,290	135	54	MI		WO9B	5,724	108	53	WI	
AB8OU	7,125	125	57	OH		KW9U	5,544	99	56	IL	SMC 1000
W8ASA	6,840	120	57	OH		N9LF	5,400	100	54	IN	
AE8TF	6,419	131	49	MI		AI9T	5,336	92	58	IL	SMC 0101
N8TCP	5,814	102	57	OH		NS9I	5,328	111	48	WI	
N8LJ	5,096	98	52	MI		K9JWI	4,640	116	40	IN	
WA8KAN	4,884	111	44	WV							



Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
KA9CAR	4,048	88	46	IL		KSØM	4,300	86	50	MO	
KK9JEF	3,182	74	43	IL		*KØGUZ	3,977	97	41	CO	
W9YS	2,775	75	37	IL	SMC 0011	NØRET	3,569	83	43	CO	
K7JOE	2,755	95	29	IN		WØKIT	3,358	73	46	CO	
N9RU	2,747	67	41	IL		KØJV	3,198	78	41	SD	
AJ9C	2,485	71	35	IN	SMC 1101	KØSTK	1,404	52	27	ND	
WR9Y	2,482	73	34	WI		KØCF	1,020	51	20	IA	
WA9AQN	2,352	98	24	IL		*KØTI	1,000	50	20	MN	
KK9K	2,112	66	32	WI		*KA8HDE	960	32	30	MN	
KC9UJS	1,900	50	38	IL	SMC 1101	NNØJS	936	36	26	MO	
W9EAU (KB9S)	1,728	54	32	WI		WØZQ	897	39	23	MN	
K9GY	1,378	53	26	IL	SMC 0110	*ADØBI	836	38	22	MO	
KB9OWD	1,364	44	31	WI		KBØGUS	570	30	19	KS	
N9WVM	1,350	45	30	IN		KØPIR	544	34	16	SD	
KX9DX	1,326	51	26	IL		KJØP	374	22	17	MN	
*AF9J	1,118	43	26	WI	SMC 1101	K4EQ	312	24	13	MO	
WD9HBF	666	37	18	IL		AKØBC	304	19	16	CO	
NY9P	496	31	16	IL		ADØAB	300	20	15	KS	
NX9Y	405	27	15	IL		WX5CW	224	16	14	MO	
K9EL	391	23	17	IL		K2HT	70	10	7	MO	
KK9DX	390	26	15	IL		NØUK	66	11	6	MN	MWA Loons
WB9TFH	273	21	13	WI	SMC 1011	WAØLIF	16	4	4	MN	
K9DUR	247	19	13	IN	SMC 0110						
N9AFU	240	24	10	IN	SMC 0011	VE3JM	180,200	901	200	ON	CCO 1
NG9R	168	14	12	IL	SMC 1010	VE5MX	178,948	913	196	SK	
N9BT	154	14	11	IL		VE3EJ	157,544	838	188	ON	CCO 1
K9IR	132	12	11	IL		VE3CX	139,799	781	179	ON	CCO 2
KK9EJ	56	8	7	IN	SMC 0111	VE3RZ	115,756	673	172	ON	CCO 2
N9DT	30	6	5	IL		VE3XB	114,639	721	159	ON	CCO 1
K2DRH	25	5	5	IL		VE3VN	106,639	631	169	ON	CCO 2
K9KM	16	4	4	IN		VE6TL	106,330	686	155	AB	
N9VPV	15	5	3	IL		VA3DF	103,976	634	164	ON	CCO 1
						VE3MGY	89,030	614	145	ON	
NAØN	220,223	1153	191	MN	MWA Walleyes	CG3K					
KØAD	169,692	948	179	MN	MWA Walleyes	(VE3KI)	86,850	579	150	ON	CCO 1
WØSD						VA7ST	55,314	439	126	BC	
(WØDB)	167,200	950	176	SD		VE3VSM	50,384	376	134	ON	
WØMU	138,284	764	181	CO		VE3GFN	48,708	396	123	ON	
ABØS	137,246	842	163	KS		VE3KP	48,240	402	120	ON	
KIØI	127,170	785	162	MO	KCCC BBQ	XK15Ø YUKON					
KØUK	121,014	747	162	CO		(W1VE)	39,346	382	103	YT	
KØVBU	120,042	741	162	KS	KCCC BBQ	VE9AA	39,092	337	116	NB	MCC Blue-Nosed Herring-Choking Islanders
ACØW	110,446	686	161	MN	MWA Walleyes	VA1MM	35,964	333	108	NS	MCC Blue-Nosed Herring-Choking Islanders
NJ8M	106,122	769	138	KS	SMC 0100						
WØETT	104,375	625	167	CO		VE3HG	33,855	305	111	ON	CCO 3
NWØM	104,300	700	149	MO	KCCC BBQ	VE3MV	31,008	304	102	ON	CCO 3
KØPK	102,050	650	157	MN	MWA Walleyes	VE3IAE	23,920	260	92	ON	CCO 2
KØHB	99,456	592	168	MN	MWA North Stars	CF7MM	22,523	223	101	BC	
KØMPH	97,500	625	156	MN	MWA Walleyes	CG1RSM	21,082	254	83	NS	
KØOU	97,026	618	157	MO	KCCC Jazz	VE9CB	14,381	197	73	NB	MCC Blue-Nosed Herring-Choking Islanders
NSØR	90,972	722	126	KS	SMC 0011						
AAØFO	81,498	578	141	KS	KCCC Jazz	VY2LI	13,527	167	81	PE	MCC Blue-Nosed Herring-Choking Islanders
WØCO	67,620	490	138	CO							
KFØUR	63,070	530	119	CO		VE3FJ	12,489	181	69	ON	
W7FB	51,330	435	118	MO	KCCC Jazz	VA2WA	7,854	119	66	QC	
K3PA	50,268	426	118	KS	KCCC BBQ	VE4ET	7,808	122	64	MB	RSM1
NØAV	50,142	366	137	IA		VE2BWL	7,680	128	60	QC	
W6NF	46,872	378	124	MN	RSM1	VA3FN	7,259	119	61	ON	
N7WY	44,850	390	115	MO		VE1AOE	6,426	126	51	NS	
N5AW/Ø	44,247	343	129	CO	DFWCG Bitter	CG5GC					
AAØAI	41,464	292	142	IA		(VE5GC)	5,217	111	47	SK	
NØAX	35,047	347	101	MO		CF2CZ					
KØTC	33,060	285	116	MN		(@VA2CZ)	4,510	110	41	QC	
KØKR	25,250	250	101	CO		VE2EZD	4,002	87	46	QC	
WBØN	20,952	216	97	MN		VE3SST	3,311	77	43	ON	
K6XT	20,254	247	82	CO		VA3EC	2,610	87	30	ON	CCO 2
KØPC	19,688	214	92	MN		CF3RKM	1,944	54	36	ON	CCO 3
WAØIYY	18,800	235	80	MO		VE3QO	1,590	53	30	ON	
WØGXA	15,048	209	72	IA	SMC 1010	CF3IK	1,250	50	25	ON	
*NØLY	14,697	207	71	MO		VE9OA	1,066	41	26	NB	
NØBUI	12,993	183	71	MN	MWA North Stars	VE7BGP	945	35	27	BC	
KEØEBK	12,496	176	71	KS		VA2SJ	663	39	17	QC	
NØAC	11,970	210	57	IA		VE3RCN	651	31	21	ON	
NØGOS	10,971	207	53	CO		*VE3EDX	588	28	21	ON	
ADØFB	10,944	152	72	MN		VY1KX	576	36	16	YT	
KØJPL	9,968	178	56	MO		VO2AC	550	25	22	NL	
WØBH	9,660	140	69	KS		*VE3DQN	442	26	17	ON	
WGØM	9,315	135	69	MN	MWA North Stars	*VE3WDM	330	30	11	ON	
WØGUY	9,045	135	67	KS		VE1AI	270	18	15	NS	
*KEØTT	8,322	146	57	MN		VE2QV	48	8	6	QC	
WØYJT	6,762	138	49	KS		VA3WR	28	7	4	ON	CCO 3
WØUY	6,700	100	67	KS		VE1NSS	20	5	4	NS	
WØXE	6,039	99	61	KS							
*WBØCFF	5,900	118	50	MN		NP2X					
KØAE	5,842	127	46	CO		(K9VV)	229,408	1072	214	KP2	Deep Dixie CC-Team #1
KDØUWZ	5,800	100	58	MN		NP4Z	206,248	889	232	KP4	Los Chachos
KØVC	4,592	112	41	MO							
W6GMT	4,312	88	49	MN							

Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Operators
NP3A	196,800	960	205	KP4	Los Chachos	N8HP	14,800	185	80	OH	N3LT, N8HP
6Y4K	160,080	870	184	6Y		NOØL	14,775	197	75	MO	NOØL
KL7SB/VP9 (KL7SB)	137,104	779	176	VP9		KA3MTT	14,516	191	76	KY	KA3MTT
XE2MX	136,170	801	170	XE	SCCC #1	W6SFM	14,100	188	75	CA	AI6U, K6JJR, KR6AI, N6UOE,
KP3W	91,188	596	153	KP4	Los Chachos	W6KK	13,770	170	81	CA	W6KK
HP1XT	38,437	323	119	HP	Deep Dixie CC-Team #4	W4SNF	12,765	185	69	FL	VE3AYR
HI3TT	34,780	370	94	HI	TORO	W1ARY	11,470	155	74	CT	W1ARY
HI3Y	33,966	306	111	HI	TORO	AA8TA	10,758	163	66	OH	AA8TA
NP2L	20,553	221	93	KP2		VE4EA	10,620	180	59	MB	VE4EA, VE4JBB
CO8ZZ	13,175	155	85	CM	Los Chachos	KØBX	10,582	143	74	MO	KØBX
HI3CC	12,692	167	76	HI	TORO	KG4IGC	10,508	142	74	SC	KG4IGC
KP4/K7GM (K7GM)	8,791	149	59	KP4		KDØS	10,296	143	72	SD	KDØS
HI8A	8,636	127	68	HI		W3GVX	9,540	159	60	MD	W3GVX
XE2S	2,006	59	34	XE		KA8G	9,486	153	62	OH	KA8G
KP4CPC	874	38	23	KP4		KØOO	9,282	119	78	MD	KØOO, W3RFC, WA3OFF
EA8CN	12,506	169	74	DX		AD8J	9,088	142	64	NC	AD8J
TM6M (F1AKK)	11,592	161	72	DX		NA5Q	8,890	127	70	LA	NA5Q
PY2NY	8,372	161	52	DX		NF1R	8,778	209	42	CA	NF1R
UR5MM	966	46	21	DX		AE1T	7,930	130	61	NH	AE1T
PY4ARS	110	11	10	DX		KG9N	6,912	128	54	IL	KG9N
F3WT	4	2	2	DX		W3NRJ	6,160	110	56	MD	W3NRJ
*QRP						K3NDM	5,130	90	57	MD	K3NDM
<b>Multi-Two Scores</b>						KB5ENP	4,920	123	40	MO	KB5ENP, KC8SDQ
Call Sign	Score	QSOs	Mults	QTH	Operators	N3CW	4,860	108	45	VA	N3CW
K5GO	568,425	2067	275	AR	K5GO, KM5G, KM5PS, N5DX, W7RY	K1NY	4,732	91	52	NY	K1NY
W2FU	554,652	1988	279	NY	KØSM, K2TJ, NW2K, W2GN	KE5LQ	4,464	72	62	TX	KE5LQ
KØRF	533,169	1961	273	CO	KØRF, WØUA	K9IJ	4,450	89	50	IL	K9IJ
NC4KW	457,638	1714	267	NC	AA4FU, N1LN, N3ND, N4YDU	N1MD	4,340	70	62	CT	N1MD
N2NT	430,199	1661	259	NJ	N2NC, N2NT, WW2Y	W6SR	4,320	90	48	CA	W6SR
N4TP	258,579	1419	183	FL	K4LAW, KR4X, N4Gi, W4LT, WF3C	W6RGG	4,214	98	43	CA	W6RGG
K7JR	199,955	985	203	OR	K7MK, K7ZS, KI7Y, KK7A, KL9A, NK7U	W3CL	4,212	81	52	NC	W3CL
W9PA	167,520	698	240	IN	W9PA	K9PY	3,636	101	36	IL	K9PY
VE9ML	155,800	760	205	NB	VE9BK, VE9ML	KB9O	3,300	75	44	IL	KB9O
K3MD	151,700	820	185	PA	K3MD	N8GAS	3,293	89	37	MI	N8GAS
W3LL	135,872	704	193	MD	ND3D	W8MLS	3,256	88	37	WV	W8MLS
KØZR	133,035	735	181	VA	KØZR	VE7FO	3,196	68	47	BC	VE7FO
W4ML	127,197	673	189	VA	W4MYA	KØTG	3,132	87	36	MN	KØTG
KØVXU	125,475	717	175	KS	KØVXU	KB1RI	3,132	87	36	NC	KB1RI
WW3S	124,504	632	197	PA	WW3S	K7AHF	3,080	77	40	UT	K7AHF
N3HEE	123,981	663	187	MD	N3HEE	K1DBO	2,856	68	42	MA	K1DBO
AB3CV	108,680	572	190	MD	AB3CV	NA3DX	2,814	67	42	MD	N3HU, NA1DX
KØWA	94,864	616	154	KS	KØWA	AD9I	2,760	69	40	IL	AD9I
VE2FK	89,112	632	141	QC	VE2FK	S56A	2,584	76	34	DX	S56A
W7DXX	84,513	591	143	NM	KJØD, KJ5Y, N5TM, WT1L	4U1WB	2,450	70	35	DC	AJ3M
K3AU	80,196	489	164	MD	K2YWE	K7MK	2,442	66	37	ID	K7MK
N8EA	62,785	433	145	MI	N8EA	KG5LRP	2,065	59	35	TX	KG5LRP
TI5W	60,512	488	124	TI	N3KS	K3IU	1,768	52	34	RI	K3IU
AA3S	54,372	394	138	MD	AA3S	NX9G	1,530	51	30	IL	NX9G
KE8M	49,660	382	130	OH	KE8M	ACØE	1,512	54	28	KS	ACØE
WA2MCR	45,360	336	135	NY	WA2MCR	K8ZT	1,484	53	28	OH	K8ZT
N2BJ	44,280	328	135	IL	N2BJ	WB4OMM	1,032	43	24	FL	WB4OMM
AAØAW	42,900	330	130	MN	AAØAW	NC9W	836	44	19	KY	NC9W
K3PRC	42,822	366	117	MD	KE3X	W4NJK	805	35	23	CA	W4NJK
KM6JD	37,434	367	102	NV	KM6JD	W9KG	627	33	19	IN	W9KG
W3UL	35,392	316	112	MD	W3UL	K6TIG	588	28	21	CA	K6TIG
N4BAA	35,211	291	121	PA	N4BAA	W4HVVH	468	26	18	LA	W4HVVH
K5XR	35,192	424	83	TX	W5ASP	NQ9A	442	26	17	WI	NQ9A
W6RDF	26,709	307	87	CA	W6RDF	N6GEO	435	29	15	CA	N6GEO
K9GS	26,216	226	116	WI	K9GS	AKØMR	340	20	17	CO	AKØMR
W4PJJW	26,038	277	94	VA	W4PJJW	AF6SA	338	26	13	CA	AF6SA
WA9LEY	24,924	268	93	IL	WA9LEY	K7UT	304	19	16	UT	K7UT
KK7JS	23,999	233	103	TX	KK7JS	K3MAW	210	15	14	MD	K3MAW
W4EE	22,746	223	102	FL	W4EE	AB9M	162	18	9	IL	AB9M
K4HTA	21,021	273	77	VA	AE4R, K3US, W4ZOR,	KC1CRS	156	13	12	MA	KC1CRS
WA6YOU, WBØPOH	20,336	248	82	CA	K6EU, W6CT	N9FN	143	13	11	IN	N9FN
K6EU	20,336	248	82	CA	K6EU, W6CT	KU9V	108	12	9	IN	KU9V
ND8L	20,296	172	118	OH	ND8L	WA4TAS	99	11	9	VA	WA4TAS
KA3D	17,766	189	94	PA	KA3D	KP4/WX3B	90	10	9	KP4	WX3B
KØRC	17,487	201	87	MN	KØRC	VE6CSX	81	9	9	AB	VE6CSX
VE3PJ	16,443	189	87	ON	VE3PJ	KM4FRM	64	8	8	KY	KM4FRM
						VE3JSQ	42	7	6	ON	VE3JSQ
						N3AFT	40	8	5	MD	N3AFT
						VE7KCY	24	6	4	BC	VE7KCY

**Check Logs:** AC2OC, AD5TT, F5NBX, KØKX, K1SE, K3LU, K4XU, K5JTH, KA5M, KB7KYK, KG5VK, KK9T, KT9L, KW9E, N1TO, N2RJ, N3NZ, N5PHT, N6NG, NC6B, NUØW, VE1DT, VE2SG, VE3YT, W2TT, W4KLY, W6PZA, W6SX, W7SLS