

Results: North American QSO Party CW — August 2017

This year we saw 836 logs submitted for the August NAQP CW. While not quite up to the record-breaking January 2017 number, it was a significant leap from the previous August record of 768 logs last year. Increasing contest participation makes things more fun for everyone, and keeping that momentum going is vital to the continued success of radiosport.

The traditional NAQP team competition has been a great way to encourage battles among friends. More recently some of the larger clubs have started their own contest within a contest, to encourage their members to get on the air. Bragging rights can be a big motivator for the casual op to make a few more Qs than they normally would.

There was quite a bit of confusion this year on the log-checking end of things with respect to clubs and teams. As far as the NAQP is concerned, we only track teams that register for the team competition. When a log is submitted electronically, the log robot will match the Cabrillo file call sign with the list of registered teams, so there's no need to list a team in the Cabrillo file. Your confirmation e-mail will list your registered team, and nothing more is required. Since the NAQP does not track your "club" entry, the confirmation e-mail does not list a club affiliation from your Cabrillo file.

The January writeup addressing the addition of an assisted category created a few more questions, mostly from the big contest clubs trying to increase their activity. While we understand that increasing QSO totals for everyone is the main goal in promoting a contest, the rules cannot be written to accommodate every scenario.

The issue of CW decoders has been discussed at length by NAQP volunteers,



Miss Electra sits out the thunderstorms at the NØAX station. Thunderstorm weather radar can be seen in the lower right side of the computer monitor. [Courtesy of Ward Silver, NØAX].

at the request of a rather vocal segment of the contest community. Anyone may use a CW decoder, but doing so will classify the operator as an M2 entry. Many ops feel that using a CW decoder helps them to up their CW speed, thus achieving a higher score for their club. While no specific rule changes have been approved, the dialogue will continue.

Low Power

Being competitive in any sport means that you need to be on the cutting edge of technology and strategy to win. The newest strategy in single-operator contesting has been coined "2BSIQ" by CT1BOH. This stands for 2-band synchronized interleaved

QSOs. Others call it "Dual CQ" or SO2P (single op, 2 pileup). This technique is not exactly a new secret weapon; ops are just getting better at it and reaping the rewards in a more dramatic fashion than in the past couple of years. It is safe to say that both 2017 editions of the NAQP CW were won because of SO2P operating by Steve, N2IC. He ran away with the August event with 256 more QSOs than Kirk, K4RO, who is also a SO2P aficionado. Kirk took 4-Land honors over N4OGW in 3rd place by a narrow 8,206 points. Extra Top 10 Lists ranked by "Fewer than 30 Band Changes" and "Most Band Changes" are again included in the results table. KC7V narrowly edged N4BP for the "Fewer than

Top 10 Less than 30 Band Changes

Call Sign	Score	QSOs	Mults	QTH	Bnd Chg
KC7V	157,680	876	180	AZ	10
N4BP	157,416	937	168	FL	5
K3UA	155,800	820	190	PA	17
W5FMH	155,448	762	204	TX	18
K9NR	154,602	818	189	IL	20
N7CW	141,624	843	169	AZ	3
AJ9C	141,376	752	188	IN	10
N4PN	140,946	834	169	GA	15
KTØA	140,280	840	167	SD	24
WØUO	139,938	843	166	TX	8

Top 10 Most Band Changes

Call Sign	Score	QSOs	Mults	QTH	Bnd Chgs
AA3B	227,052	1113	204	PA	580
N2IC	323,858	1433	226	NM	562
K3WW	173,630	970	179	PA	532
K6NA	201,552	969	208	CA	478
N9CK	247,170	1155	214	WI	465
N6TV	173,118	946	183	CA	463
N4AF	218,325	1065	205	NC	450
K4RO	268,356	1177	228	TN	445
NP2X	177,660	945	188	KP2	406
NP3A	167,214	961	174	KP4	390

Team Scores		Team	Operators	Total
1. Ad Hoc		4. PVRC GUNNERS	N4AF, K7SV, N9NB, WJ9B, N3UA	829,755
N2IC	323,858	5. Deep Dixie CC Team 1	N4OGW, NP2X, N4BP, K5KU, NO5W	771,812
K4RO	268,356	6. NCCC Team #1	W6YX, N6TV, NA6O, K6SRZ, K6MR	767,779
W9RE	250,930	7. CCO Team 1	VE3DZ, VE3JM, VE3EJ, VA3DF, CG3KI	716,272
W4OC	213,484	8. TCG Stooges-Team Larry	KØEJ, W4NZ, W04O, K1GU, K4OWR	657,300
KØEU	37,772	9. AOCC-Assassins	KC7V, N7CW, WA7LNV, AA7V, KB7Q	653,784
Total	1,094,400	10. NCC/MRRC Team 1	NA8V, K3UA, W8CAR, K8AJS	567,691
2. DFWCG ECLIPSE		11. SECC#1	AD8J, KU8E, N4IQ, AA4CF, K2SX	518,759
NR5M	256,022	12. FRC Alpha	AA3B, K3WW, K3MD, WA3AAN	505,926
K5PI	190,515	13. SCCC #1	K6NA, K6NR, WQ6X, XE2MX, WB6NBU	439,296
K5TR	188,135	14. SMC Funnel Cakes	WT9U, N9EP, WT2P, K9CC, WW9R	390,911
K5AX	145,860	15. NCCC Team #2	N6ZFO, K9YC, W1RH, KA6BIM, K7XC	377,974
WØUO	139,938	16. 599DXA	NA5NN, W4II, N5CW, K5YG, N5YT	373,837
Total	920,470	17. MWA Walleye	NAØN, KØAD, NØAT, WGØM	371,741
		18. Deep Dixie CC Team 2	ABØS, W5TM, KD5DD, K1DW	340,956
		19. NCCC Team #3	AJ6V, W6EU, K6LRN, W1SRD, N6EE	333,238
		20. KC Stars	KØVXU, KØVBU, KØOU, KIØI, AAØFO	330,930
		21. Bama and the Caribbean	NP3A, WA1FCN, W4NBS, KC4HW	307,543
		22. YCCC Backscatter	W1UJ, K5ZD, W1KM, N2AN, W1WEF	306,552
		23. CCO Team 2	VE3XB, VE3RZ, VE3KZ, VE3HG	300,709
		24. GMSmokeyHillTrail	KTØA, WØETT, KØUK, KH6CJJ, WØZA	294,936
		25. Big Sky Contesters #1	K7BG, N9RV, W7KF, WN7Y	289,437
		26. AOCC-Bandits	N9NA, W6RW, N7IR, K7WP, KY7M	268,520
		27. PVRC NORCAR/TIDEWATER	W4FS, N4UEZ, K42R, W4VIC, K6RM	265,262
		28. Flying Iguanas	AJ9C, K9NW, NØAX, WS9V, N8XE	254,260
		29. GCG #1	N4PN, WA7NB, ND4K, KB4KBS	245,608
		30. YCCC GROUNDWAVE	K1TR, K1EBY, W1TO, K1IU	231,416
		31. DFW TACHOCLINE	N5UM, KG5U, WQ5L, K5BG, NM5M	226,781
		32. SMC Midway	NØAV, WB8RFB, NJ9R, K9IR, K9CQ	215,965
		33. DFWCG FLARE	N5RZ, N5KWN, NY5B, K5SS, K5GN	193,592
		34. TDXS	W5FMH, N5XZ, WB5TUF, WG5H, N5DTT	189,813
		35. SMC Horse Barn	N7US, K9IG, K9MMS, KD9MS	184,015
		36. DFWCG PLASMA	W8FN, K5CI, K5RT	177,901
		37. PVRC NORTHWEST	NA3D, K3AJ, K4FTO, K8GU	176,940
		38. PVRC ANNAPOLIS	K3AU, N4ZR, W3UL, N4QX, AH7U	173,015
		39. PVRC RAPP/ROANE-BLAC	K4GMH, N2YO, K1GG, N3KN	168,333
		40. CCO Team 3	VE3UTT, VA3EC, VE3NNT, VE3RCN, VA3RKM	163,930
		41. PVRC DC LUNCH/DC METRO	W2CDO, K2PS, KT3Y, K3KU	161,432
		42. SMC Fried Snickers	K9WX, KJ9C, K9FO, KW9U, AF9J	155,739
		43. KCG	KE4KY, K4WW, ND4Y, N4JRG	155,710
		44. NCCC Team #4	KH6TU, K6MM, N6WM, K9JM, ND2T	148,742
		45. DFWCG CME	KØNM, W5RZ, KD2KW	147,624
		46. Deep Dixie CC Team 3	N8BJQ, K4AFE, AD5TT, KM4HI	140,697
		47. SMC Cattle Barn	N9LQ, K9CS, W9NXM, KC9UJS	131,854
		48. SMC Corn Dogs	K9ZO, KG9X, K9KJ, K9ZM	127,805
		49. PVRC BLUE RIDGE A	KØZR, W4AU, N1RM, N8AID	126,915
		50. TCG Stooges-Team Moe	N4ZI, AB4GG, W4HZD, K3FH	124,397
		51. SCCC #2	N6AA, N6VHF	122,658
		52. TCG Stooges-Team Curly	W4UT, WØAG, N4IR, KS4X, W4BCG	104,555
		53. AOCC-Gunslingers	W9CF, NG7Z, KE2VB, N7RD, WB6OTS	102,425
		54. SMC Sno-Cones	WB9HFK, WD9CIR, W9DCA, KT9L, KK9N	101,505
		55. The Braille Team	K5XU, KB8TYJ, W3IUU, KW3A	101,287
		56. SMC Chicken Dinner	WB9Z, W9YS, K9EL, K9NN	98,164
		57. SECC#2	NN4K, N4YA, N5TOO, N4EEV	98,120
		58. Boiled Owls	K2LE, KS2G, W2YK	97,782
		59. NCC/MRRC Team 2	K8RYU, NF8M, AF8A, W8RU	97,216
		60. SMC Corn Roast	KTØR, W9QL, K9OR, N9TF, NE9M	97,106
		61. NCC/MRRC Team 3	W8TM, N8XX, W8KNO, W3USA	90,905
		62. SMC Fried Twinkies	W19WI, W9XT, W9FX, K9DUR	89,865
		63. AOCC-Scoundrels	K9DR, W7CT, K3HW, K7JQ, KU7Y	66,823
		64. DFWCG CORONA	N5OE, AD5XD, AC5T, AF5DM	64,762
		65. PVRC BLUE RIDGE B	KE4S, W4AAW	63,181
		66. NCCC Team #8	N6PN, KA6W, AA6DX, N2NS, N6NUL	60,216
		67. Hammin' Hogs	K7LVJ, NG7W	55,342
		68. Shenandoah Valley Wireless	WS6X, W4PJW, AD4TJ	51,616
		69. NCCC Team #6	W6OAT, W6FA, KM6I, W7TR, KZ2V	51,584
		70. 4-H Displays	ND9G, KC9QQ, K9GY, NG9R	43,317
		71. DFWCG MAUNDER	K5ME, W5JK, WB5K, WF5E	42,994
		72. NCCC Team #5	WB6JJJ, N6AJS, NN7SS, W9KKN	40,904
		73. MWA Loon	W6NF, NUØW	40,678
		74. Scumbag Thieves No CZ's	K5MXG, K5NZ	34,160
		75. Swamp Foxes	NI7R, KG4IGC, WN4AFP	33,801
		76. AOCC-Villains	K6WSC, NG7A	33,726
		77. PVRC COLONIAL	W3TB, K4MI, NR4C	33,599
		78. Niagara Frontier Radiosport	K2NV, K2QO	33,071
		79. NoGaNuTs QRP	W4QO, N4TOL, WU4B	30,802
		80. Big Sky Contesters #2	K7ABV, NE4RD	12,840
		81. NCCC Team #7	K6XN, K6XX	12,768
		82. Metro DXers	W9ILY, NV9X	11,224
		83. SLOECC #1	WA6I, N2CJN	5,392
		84. Cornwall CG	AB3AI, KA3D	4,206
		85. PENN WIRELESS ASSOCIATION	K3TX, N3FEL, WA3KVN	2,826
		86. GM Overland Trail	WC7S	2,470
		87. FRC Bravo	WN3K	1,232
		88. Guantesters	K9PG	414

Single Op Top 10

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	Team
N2IC	323,858	1433	226	28/10	145/43	397/53	536/56	263/45	64/19	Ad Hoc
K4RO	268,356	1177	228	124/30	281/45	359/56	339/55	58/29	16/13	Ad Hoc
N4OGW	260,150	1210	215	80/24	205/43	329/55	356/45	182/32	58/16	Deep Dixie CC Team 1
NR5M (K5GA)	256,022	1118	229	44/22	144/39	302/54	380/59	195/38	53/17	DFWCG ECLIPSE
W9RE	250,930	1091	230	128/34	244/46	279/50	304/57	103/34	33/9	Ad Hoc
N9CK	247,170	1155	214	66/24	301/47	275/46	362/56	108/26	43/15	SMC Tractor Pull
K9CT	232,875	1125	207	86/25	246/41	316/51	347/52	121/32	9/6	SMC Tractor Pull
AA3B	227,052	1113	204	84/25	251/46	414/54	298/51	49/18	17/10	FRC Alpha
N4AF	218,325	1065	205	70/25	206/41	390/53	269/51	99/27	31/8	PVRC GUNNERS
W4OC	213,484	1007	212	77/21	243/45	350/50	238/56	73/28	26/12	Ad Hoc

Single Op QRP Top 5

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10	Team
N7IR	53,448	408	131	6/3	14/6	111/39	175/47	73/26	29/10	AOCC - Bandits
W19WI	45,087	339	133	4/4	47/20	92/40	135/42	43/18	18/9	SMC Fried Twinkies
W6JTI	44,004	386	114	13/5	27/7	96/38	207/50	43/14	0/0	
N2WK	38,430	315	122	0/0	55/21	107/41	113/36	30/17	10/7	
K1VUT	32,928	343	96	0/0	103/30	110/26	124/35	6/5	0/0	

Multi-Two Leaders

Call Sign	Score	QSOs	Mults	160	80	40	20	15	10
W2FU	453,986	1846	247	154/34	412/53	658/61	483/62	108/26	23/11
W5CT	406,504	1704	244	33/17	233/46	523/62	582/61	258/44	37/14
NC4KW	365,192	1528	239	103/29	210/47	557/61	451/60	167/30	40/12

Single Operator Scores

Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
K1TR	119,123	857	139	NH	YCCC GROUNDWAVE	AA2Y	792	33	24	NY	
W1UJ	113,484	772	147	MA	YCCC Backscatter	W2YK	690	30	23	NY	Boiled Owls
W1FJ	109,920	687	160	MA		W2DXE	264	22	12	NY	
K2LE	92,092	598	154	VT	Boiled Owls	KD2JQG	16	4	4	NY	
W1QK	84,940	620	137	CT		AA3B	227,052	1113	204	PA	FRC Alpha
NA3D	84,672	672	126	ME	PVRC NORTHWEST	K3WW	173,630	970	179	PA	FRC Alpha
K5ZD	83,589	561	149	MA	YCCC Backscatter	K3UA	155,800	820	190	PA	NCC/MRRC Team 1
K1ZZ	61,912	436	142	CT		K3RA	108,108	693	156	MD	
K1EBY	60,885	495	123	CT	YCCC GROUNDWAVE	K3AU (K2YWE)	100,480	640	157	MD	PVRC ANNAPOLIS
W1KM	54,404	406	134	MA	YCCC Backscatter	K3UL	86,523	573	151	PA	
W1WBB	48,929	433	113	RI		K3MD	81,576	618	132	PA	FRC Alpha
N2AN (WC4E)	38,850	350	111	MA	YCCC Backscatter	K3AJ	76,692	498	154	MD	PVRC NORTHWEST
W1TO	34,965	315	111	MA	YCCC GROUNDWAVE	W2CDO	58,033	443	131	MD	PVRC DC LUNCH/DC METRO
*K1VUT	32,928	343	96	MA		N8NA	53,320	430	124	DE	
K1MD	20,485	241	85	RI		N4ZR	50,380	458	110	MD	PVRC ANNAPOLIS
K1MI	16,660	238	70	ME		KB3AAY	38,280	348	110	MD	
K1U	16,443	261	63	CT	YCCC GROUNDWAVE	W3LL	37,338	294	127	MD	
W1WEF	16,225	295	55	MA	YCCC Backscatter	WK2G	34,944	384	91	PA	
K1XM	10,230	155	66	MA		W3IUU	30,634	289	106	MD	The Braille Team
*WW1ME	9,916	148	67	ME		K3PP	30,058	266	113	PA	
KC1SA	6,902	119	58	CT		W3KB	26,578	274	97	PA	
K1RM	5,546	118	47	CT		K3KU	24,442	242	101	MD	PVRC DC LUNCH/DC METRO
W1END	5,300	106	50	NH		*KE3X	24,309	219	111	DC	
N1DC	4,356	99	44	MA		WA3AAN	23,668	244	97	PA	FRC Alpha
AE1T	4,080	85	48	NH		W3UL	21,567	237	91	MD	PVRC ANNAPOLIS
K1SM	3,420	90	38	MA		N3SD	18,060	258	70	PA	
W4ZGR/1	720	36	20	ME		K3HW	14,175	175	81	PA	AOCC - Scoundrels
K0WRY	117	13	9	CT		KB3Z	13,608	162	84	PA	
W4FS	98,864	668	148	NY	PVRC NORCAR/TIDEWATER	N3XL	11,780	155	76	MD	
KE2D	41,838	367	114	NJ		K3NDM	11,700	156	75	MD	
*N2WK	38,430	315	122	NY		N2MA	8,512	133	64	PA	
N6EE	33,390	315	106	NY	NCCC Team #3	K3FH	4,092	93	44	PA	TCG Stooges - Team Moe
K2NV	27,911	247	113	NY	Niagara Frontier Radiosport	K0OO	4,025	115	35	MD	
WA2FZB	21,912	264	83	NJ		AB3AI	4,002	87	46	PA	Cornwall CG
N2GM	21,338	227	94	NJ		W3USA (K8MR)	2,516	68	37	PA	NCC/MRRC Team 3
N2UU	20,210	235	86	NJ		KF3EB	2,337	57	41	PA	
*K2YGM	10,579	149	71	NY		K3TX	1,680	48	35	PA	PENN WIRELESS
*K2YG	8,832	138	64	NJ		ASSOCIATION					
K2UA	8,100	150	54	NY		WR3R	1,485	45	33	MD	
WB2PJH	7,696	148	52	NJ		WN3K (N9GG)	1,232	44	28	PA	FRC Bravo
AD3Y	6,600	110	60	NJ		KW3A	1,073	37	29	PA	The Braille Team
K2QO	5,160	120	43	NY	Niagara Frontier Radiosport	N3FEL	966	42	23	PA	PENN WIRELESS
KS2G	5,000	100	50	NY	Boiled Owls	ASSOCIATION					
K2CYE	4,802	98	49	NY		K3ORC	713	31	23	MD	
W2LE	4,488	102	44	NJ		KF3G	589	31	19	PA	
N2SO	3,393	87	39	NY		N3JNX	266	19	14	PA	
KA2D	2,205	63	35	NY		N3WZR	247	19	13	MD	
WB2NFL	2,120	53	40	NY		KA3D	204	17	12	PA	Cornwall CG
AC2IK	1,764	63	28	NY		N3SB	180	15	12	MD	

Call Sign	Score	QSOs	Mults	QTH	Team	Call Sign	Score	QSOs	Mults	QTH	Team
WA3KVN	180	15	12	PA	PENN WIRELESS ASSOCIATION	KS4X	10,200	136	75	TN	TCG Stooges - Team Curly
K8GU	120	12	10	MD	PVRC NORTHWEST	AD4TJ	10,164	154	66	VA	Shenandoah Valley Wireless
*K3HX	90	10	9	PA		W6UB	10,125	135	75	TN	
N3HU	49	7	7	MD		K2MK	10,011	141	71	FL	
AB3KP	9	3	3	MD		W0QQG	9,983	149	67	VA	
K3DCW	4	2	2	MD		K4SBZ	9,315	135	69	FL	
W3MMM	1	1	1	MD		W4HZD	9,300	150	62	TN	TCG Stooges - Team Moe
K4RO	268,356	1177	228	TN	Ad Hoc	K4WI	9,052	124	73	AL	
N4AF	218,325	1065	205	NC	PVRC GUNNERS	K8SYH	8,768	137	64	VA	
W4OC	213,484	1007	212	SC	Ad Hoc	KS3K	8,556	138	62	FL	
N4ZZ	204,943	1073	191	TN		KJ4LTA	7,680	120	64	AL	
K0EJ	188,726	958	197	TN	TCG Stooges - Team Larry	K4MIL	7,548	111	68	VA	
K7SV	177,110	890	199	VA	PVRC GUNNERS	WF3T	7,296	128	57	FL	
N9NB	172,809	819	211	VA	PVRC GUNNERS	KU4V	7,080	120	59	NC	
N4BP	157,416	937	168	FL	Deep Dixie CC Team 1	KM4HI	7,080	118	60	FL	Deep Dixie CC Team 3
W4NZ	141,152	802	176	TN	TCG Stooges - Team Larry	W4YE	6,954	122	57	VA	
N4PN	140,946	834	169	GA	GCG #1	K14CBN	6,912	108	64	NC	
WO4O	137,982	793	174	FL	TCG Stooges - Team Larry	KQ4LA	6,897	121	57	VA	
AD8J	127,248	723	176	NC	SECC#1	K6RM	6,720	112	60	NC	PVRC NORCAR/TIDEWATER
KU8E	121,088	704	172	GA	SECC#1	*W4DCS	6,420	107	60	NC	
K3IE	117,798	677	174	TN		N4HAY	6,018	102	59	NC	
W4II	109,938	753	146	AL	599DXA	KG4IGC	5,775	105	55	SC	Swamp Foxes
K1GU	109,200	650	168	TN	TCG Stooges - Team Larry	AA4XG (W4ATL)	5,724	106	54	GA	
NF4A	105,417	663	159	FL		K4JAZ	5,600	112	50	AL	
N4IQ	99,360	690	144	SC	SECC#1	NS4X	5,252	101	52	TN	
N3UA	98,890	638	155	VA	PVRC GUNNERS	ND4K	5,238	97	54	GA	GCG #1
N4ZI	97,150	670	145	TN	TCG Stooges - Team Moe	K9UQN	5,060	110	46	TN	
K0ZR	93,330	610	153	VA	PVRC BLUE RIDGE A	N4FP	5,000	100	50	FL	
AA4CF	90,132	609	148	GA	SECC#1	K4FJ	4,998	102	49	VA	
WA1FCN	89,543	593	151	AL	Bama and the Caribbean	KM4JA	4,944	103	48	AL	
K2SX	80,931	509	159	SC	SECC#1	*K9GY	4,692	102	46	VA	4-H Displays
K4OWR	80,240	590	136	TN	TCG Stooges - Team Larry	W5VS	4,656	97	48	VA	
N4UEZ	79,968	544	147	NC	PVRC NORCAR/TIDEWATER	KW4J	4,480	80	56	AL	
N4UA	79,442	506	157	VA		NR4C	3,577	73	49	VA	PVRC COLONIAL
K4GMH	77,013	597	129	VA	PVRC RAPPAHANNOCK/ ROANOKE-BLACKSBURG	W4BCG	3,465	77	45	TN	TCG Stooges - Team Curly
K4PV	64,416	528	122	FL		K2WK	3,160	79	40	VA	
KE4KY	61,376	448	137	KY	KCG	KC4FLT	3,080	77	40	AL	
K4WW	52,138	398	131	KY	KCG	W4JAM	2,925	75	39	VA	
K2PS	50,292	396	127	FL	PVRC DC LUNCH/DC METRO	KB4KBS	2,850	75	38	GA	GCG #1
K4AMC	47,633	437	109	TN		W4KTR	2,808	72	39	GA	
K4AFE	45,804	347	132	TN	Deep Dixie CC Team 3	AA4NP	2,784	87	32	FL	
N2YO	43,491	399	109	VA	PVRC RAPPAHANNOCK/ ROANOKE-BLACKSBURG	*N4TOL	2,730	70	39	GA	NoGaNuTs QRP
KK4R	43,086	334	129	VA	PVRC NORCAR/TIDEWATER	*WD4EXI	2,720	68	40	GA	
KE4S	42,189	343	123	VA	PVRC BLUE RIDGE B	K4GM	2,624	64	41	VA	
ND4Y	41,602	341	122	KY	KCG	N3CW	2,550	75	34	VA	
AA4DD	39,032	287	136	TN		WD8RYC	2,500	50	50	TN	
W4NBS	37,961	319	119	AL	Bama and the Caribbean	N4QS	2,380	70	34	KY	
NN4K	37,698	366	103	GA	SECC#2	N8AID	2,184	56	39	VA	PVRC BLUE RIDGE A
W4VIC	36,624	336	109	VA	PVRC NORCAR/TIDEWATER	K4ORD	2,160	60	36	VA	
K1GG	36,285	295	123	VA	PVRC RAPPAHANNOCK/ ROANOKE-BLACKSBURG	KK4XX	1,980	60	33	VA	
W4UT	35,105	295	119	TN	TCG Stooges - Team Curly	KB5EZ	1,925	55	35	AL	
N4FX	34,430	313	110	VA		WN4AFP	1,922	62	31	SC	Swamp Foxes
N4GG	32,266	442	73	GA		A14WW	1,458	54	27	FL	
N4YA	29,637	267	111	GA	SECC#2	*NC4H	1,333	43	31	FL	
W0AG	28,667	263	109	TN	TCG Stooges - Team Curly	W4MY	1,107	41	27	NC	
KT3Y	28,665	273	105	VA	PVRC DC LUNCH/DC METRO	KN4Y/M	1,053	39	27	FL	
W4CU	28,512	264	108	FL		N4MU	1,050	42	25	FL	
WS6X	27,900	300	93	VA	Shenandoah Valley Wireless	*KA3OCS	1,008	36	28	VA	
N3JT	27,840	290	96	VA		*N4IVE	966	42	23	NC	
*W4QO	27,400	274	100	GA	NoGaNuTs QRP	K4JC	850	50	17	FL	
N4IR	27,118	298	91	TN	TCG Stooges - Team Curly	WA3RWP	726	33	22	VA	
NI7R	26,104	251	104	SC	Swamp Foxes	K4XL	700	35	20	VA	
WA8OJR	24,843	273	91	SC		*WU4B	672	28	24	GA	NoGaNuTs QRP
K4ZW	23,736	276	86	VA		KG4NIH	660	30	22	FL	
KB1RI	22,752	237	96	NC		N4JRG	594	33	18	KY	KCG
KJ4IWZ	21,285	215	99	TN		KG9LB	560	28	20	VA	
K4HQK	21,068	229	92	VA		KK4FEM	513	27	19	FL	
W4AAW	20,992	256	82	VA	PVRC BLUE RIDGE B	NN4RB	432	27	16	VA	
W4AU	20,976	228	92	VA	PVRC BLUE RIDGE A	N4QX	408	24	17	VA	PVRC ANNAPOLIS
K5VIP	18,620	196	95	VA		KJ4WD	336	24	14	NC	
KM4FO	17,340	204	85	KY		K14WFJ	320	20	16	SC	
W3TB	17,220	210	82	VA	PVRC COLONIAL	*W4ER	216	18	12	AL	
N5TOO	16,517	199	83	GA	SECC#2	N4LZ	210	15	14	FL	
KN4KL	16,280	185	88	VA		W4GHV	108	12	9	NC	
K3SEN	15,876	196	81	VA		N2QT	99	11	9	VA	
K4FTO	15,456	168	92	VA	PVRC NORTHWEST	KA4RRU	80	10	8	VA	
N4EEV	14,268	174	82	GA	SECC#2	N3AO	72	9	8	VA	
AB4GG	13,855	163	85	TN	TCG Stooges - Team Moe	N4TL	50	10	5	NC	
W4PJW	13,552	176	77	VA	Shenandoah Valley Wireless	W4GDG	36	6	6	VA	
WB4YDY	13,529	163	83	TN		*WR4I	24	6	4	VA	
KC4HW	12,825	225	57	AL	Bama and the Caribbean	*NG3K	20	5	4	VA	
K4MI	12,802	173	74	VA	PVRC COLONIAL	AC6WI	4	2	2	VA	
W4SPR	11,550	165	70	FL		N2IC	323,858	1433	226	NM	Ad Hoc
N3KN	11,544	148	78	VA	PVRC RAPPAHANNOCK/ ROANOKE-BLACKSBURG	N4OGW	260,150	1210	215	MS	Deep Dixie CC Team 1
K1TN	11,076	156	71	FL		NR5M (K5GA)	256,022	1118	229	TX	DFWCG ECLIPSE
N1RM	10,425	139	75	VA	PVRC BLUE RIDGE A	K5PI	190,515	977	195	TX	DFWCG ECLIPSE
						K5TR (K5OT)	188,135	985	191	TX	DFWCG ECLIPSE
						K5CM (W5CW)	184,647	1009	183	OK	
						KZ5D	156,492	828	189	LA	
						W5FMH	155,448	762	204	TX	TDXS

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K5KU	151,470	918	165	LA	Deep Dixie CC Team 1	K6MM	32,670	297	110	CA	NCCC Team #4
K5AX	145,860	858	170	TX	DFWCG ECLIPSE	N6WM	31,920	280	114	CA	NCCC Team #4
W0UO	139,938	843	166	TX	DFWCG ECLIPSE	N6MU	31,375	251	125	CA	
W5TM	114,816	736	156	OK	Deep Dixie CC Team 2	W6OAT	30,502	302	101	CA	NCCC Team #6
NA5NN (W5UE)	113,220	740	153	MS	599DXA	K9JM	28,885	265	109	CA	NCCC Team #4
N5RZ	111,780	621	180	TX	DFWCG FLARE	N6NF	26,628	317	84	CA	
N5CW	109,766	773	142	MS	599DXA	WB6NBU	24,158	257	94	CA	SCCC #1
N5UM	107,743	661	163	OK	DFW TACHOCLINE	AH6KO	22,560	282	80	KH6	
AE5GT	86,762	611	142	TX		WB6JJJ	22,400	224	100	CA	NCCC Team #5
KG5U	84,165	543	155	TX	DFW TACHOCLINE	*WA6JRZ (W6XK)	21,210	210	101	CA	
KD5DD (NN5O)	82,048	641	128	MS	Deep Dixie CC Team 2	W6ZL	15,336	216	71	CA	
W8FN	81,141	629	129	TX	DFWCG PLASMA	W6FA	13,832	182	76	CA	NCCC Team #6
K0NM	76,860	549	140	TX	DFWCG CME	W6CWM	12,825	171	75	CA	
K5CI	71,280	528	135	TX	DFWCG PLASMA	ND2T	12,283	173	71	CA	NCCC Team #4
W5RZ	69,828	506	138	AR	DFWCG CME	W6RKC	11,692	148	79	CA	
N5KWN	44,330	403	110	TX	DFWCG FLARE	KA6W	10,290	147	70	CA	NCCC Team #8
AC4CA	41,040	432	95	TX		N6AJS	10,164	154	66	CA	NCCC Team #5
W5LA	39,840	332	120	LA		K6XN	9,324	148	63	CA	NCCC Team #7
K5RM	39,697	371	107	AR		K6RIM	9,246	134	69	CA	
K5XU	35,340	310	114	MS	The Braille Team	K6EU	7,888	136	58	CA	
K5YG	34,020	315	108	MS	599DXA	K6NV	6,840	120	57	CA	
KA5M	31,482	297	106	LA		WA6URY	6,804	108	63	CA	
WQ5L	30,303	259	117	MS	DFW TACHOCLINE	N0KQ	6,500	100	65	CA	
NY5B	30,174	282	107	TX	DFWCG FLARE	KR6N	5,335	97	55	CA	
*N5OE	29,172	286	102	TX	DFWCG CORONA	KM6I	5,152	112	46	CA	NCCC Team #6
K5RT	25,480	260	98	TX	DFWCG PLASMA	AF6SA	4,900	100	49	CA	
NO5W	25,116	364	69	LA	Deep Dixie CC Team 1	N6VH	4,370	95	46	CA	
K5ME	23,808	248	96	TX	DFWCG MAUNDER	WA6I	4,272	89	48	CA	SLOECC #1
K5MXG	17,160	195	88	TX	Scumbag Thieves No CZ's	KH6LC	3,564	99	36	KH6	
K5NZ	17,000	200	85	TX	Scumbag Thieves No CZ's	K6XX	3,444	82	42	CA	NCCC Team #7
AD5XD	16,380	182	90	TX	DFWCG CORONA	N6IE	2,924	68	43	CA	
AD5TT	15,884	209	76	TX	Deep Dixie CC Team 3	W6VMW	2,772	66	42	CA	
KB5NJD	15,184	208	73	TX		K6CSL	2,484	69	36	CA	
N5XZ	13,160	188	70	TX	TDXS	*AI6DO	2,280	57	40	CA	
WB5TUF	11,968	136	88	TX	TDXS	N6GP	2,277	69	33	CA	
W5JK	11,023	151	73	TX	DFWCG MAUNDER	WW6D	2,244	68	33	CA	
NA5J	10,971	159	69	TX		AA6DX	2,178	66	33	CA	NCCC Team #8
AC5T	10,500	150	70	TX	DFWCG CORONA	K6KQV	1,653	57	29	CA	
N5XE	10,295	145	71	OK		N2NS	1,536	48	32	CA	NCCC Team #8
K1DW	9,792	192	51	LA	Deep Dixie CC Team 2	W7TR (KH2TJ)	1,450	50	29	CA	NCCC Team #6
WB7PVL	9,656	136	71	TX		N6LL	1,161	43	27	CA	
AF5DM	8,710	130	67	TX	DFWCG CORONA	N2CJN	1,120	40	28	CA	SLOECC #1
WG5H	8,127	129	63	TX	TDXS	*AI6SL	1,118	43	26	CA	
N5YT	6,893	113	61	MS	599DXA	W9KKN	990	45	22	CA	NCCC Team #5
K5SS	6,060	101	60	TX	DFWCG FLARE	AI6CU	980	49	20	CA	
WB5K	5,035	95	53	TX	DFWCG MAUNDER	W6RGG	819	39	21	CA	
K5BG	4,500	100	45	TX	DFW TACHOCLINE	*W6MZ	703	37	19	CA	
KD5J	4,472	86	52	AR		KZ2V	648	36	18	CA	NCCC Team #6
W5WZ	4,428	108	41	LA		NC6Q	561	33	17	CA	
WQ5R	3,741	87	43	OK		N6VHF	546	26	21	CA	SCCC #2
WF5E	3,128	68	46	TX	DFWCG MAUNDER	KA9A	496	31	16	CA	
W8OV	3,096	72	43	TX		N6IC	468	26	18	CA	
K5MBA	2,808	72	39	TX		NF1R	459	27	17	CA	
K7ZYV	2,622	69	38	MS		N6RO	420	28	15	CA	
WA5LXS	2,484	69	36	TX		*N6AN	357	21	17	CA	
*KD5QAQ	1,344	48	28	TX		N6XI	340	20	17	CA	
K5GN	1,248	48	26	TX	DFWCG FLARE	WF6C (N6XI)	340	20	17	CA	
N5DTT	1,110	37	30	TX	TDXS	W9EO	320	20	16	CA	
AA5VU	1,066	41	26	TX		K6DQG	234	18	13	CA	
AJ4F	988	38	26	TX		*AH7U	180	18	10	KH6	PVRC ANNAPOLIS
KD2KW	936	36	26	TX	DFWCG CME	K6CTA	88	11	8	CA	
KC5RQG	336	24	14	NM		*KH6BE	64	8	8	KH6	
WS5J	196	14	14	OK		K6AJA	40	8	5	CA	
AB5J (AF5Q)	169	13	13	OK		WH7W	9	3	3	KH6	
NM5M	70	14	5	TX	DFW TACHOCLINE	KI6OY	9	3	3	CA	
K6NA (KI6RRN)	201,552	969	208	CA	SCCC #1	N6NUL	4	2	2	CA	NCCC Team #8
W6YX (N7MH)	199,920	1020	196	CA	NCCC Team #1	K6III	0	0	0	CA	
N6TV	173,118	946	183	CA	NCCC Team #1	K7BG	164,424	884	186	MT	Big Sky Contesters #1
NA6O	151,255	845	179	CA	NCCC Team #1	WJ9B	162,621	951	171	ID	PVRC GUNNERS
K6SRZ	127,566	746	171	CA	NCCC Team #1	KC7V	157,680	876	180	AZ	AOCC - Assassins
N6AA	122,112	636	192	CA	SCCC #2	N7CW	141,624	843	168	AZ	AOCC - Assassins
K6MR	115,920	690	168	CA	NCCC Team #1	WA7LW	127,534	682	187	UT	AOCC - Assassins
N7VM	114,752	704	163	CA		K7RL	126,716	802	158	WA	
K6NR	113,486	634	179	CA	SCCC #1	AA7V	117,230	617	190	AZ	AOCC - Assassins
N6ZFO	110,704	629	176	CA	NCCC Team #2	KB7Q	109,716	669	164	MT	AOCC - Assassins
K9YC	106,420	626	170	CA	NCCC Team #2	WA7NB	96,574	886	109	AZ	GCG #1
AJ6V	90,770	626	145	CA	NCCC Team #3	K7QA	73,292	502	146	MT	
W1RH	85,794	543	158	CA	NCCC Team #2	N9NA	71,154	531	134	AZ	AOCC - Bandits
W6EU	77,050	575	134	CA	NCCC Team #3	W6RW	70,007	511	137	AZ	AOCC - Bandits
K6LFRN	66,424	437	152	CA	NCCC Team #3	NX1P	64,856	484	134	OR	
KM6Z	65,826	477	138	CA		N9RV	64,467	551	117	MT	Big Sky Contesters #1
W1SRD	65,604	426	154	CA	NCCC Team #3	W7KF	57,240	477	120	MT	Big Sky Contesters #1
K6RB	58,725	435	135	CA		*N7IR	53,448	408	131	AZ	AOCC - Bandits
WQ6X	57,420	495	116	CA	SCCC #1	NG7M	50,941	421	121	UT	
AA2IL	49,343	371	133	CA		K7LVJ	49,726	529	94	WA	Hammin' Hogs
N6PN	46,208	361	128	CA	NCCC Team #8	KA6BIM	48,498	354	137	OR	NCCC Team #2
*W6JTI	44,004	386	114	CA		W7WP	47,875	383	125	AZ	AOCC - Bandits
KH6TU (AD6E)	42,984	398	108	KH6	NCCC Team #4	WC7Q	44,178	398	111	WA	
WN6K	37,128	357	104	CA		W7GKF	40,339	377	107	WA	
KH6CJJ	33,063	309	107	KH6	GMSmokeyHillTrail	W9CF	36,312	356	102	AZ	AOCC - Gunslingers

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WU9B	34,236	317	108	AZ		AJ9C	141,376	752	188	IN	Flying Iguanas
NG7Z	28,152	306	92	AZ	AOCC - Gunslingers	K3WA	131,940	733	180	IL	SMC Tractor Pull
K7XC	26,558	271	98	NV	NCCC Team #2	N7US	118,555	655	181	IL	SMC Horse Barn
KY7M	26,036	283	92	AZ	AOCC - Bandits	K9WX	116,160	704	165	IN	SMC Fried Snickers
N0EF	26,026	286	91	MT		N9EP	110,925	725	153	IL	SMC Funnel Cakes
K9DR	22,176	231	96	WY	AOCC - Scoundrels	W9IU	103,484	631	164	IN	
KE2VB	22,113	243	91	AZ	AOCC - Gunslingers	WB9Z	90,400	565	160	IL	SMC Chicken Dinner
KJ9C	21,902	233	94	MT	SMC Fried Snickers	KC9EE	85,228	596	143	IL	SMC Tractor Pull
W7VXS	20,367	279	73	WA		K9ZO	76,608	576	133	IL	SMC Corn Dogs
K6WSC	18,326	238	77	AZ	AOCC - Villains	N9LQ	60,590	415	146	IL	SMC Cattle Barn
W7CT	17,094	222	77	UT	AOCC - Scoundrels	NQ6N	58,773	429	137	IL	
NG7A	15,400	200	77	AZ	AOCC - Villains	WT2P	58,000	464	125	IL	SMC Funnel Cakes
K7ABV	12,672	192	66	MT	Big Sky Contesters #2	K9CS	48,312	396	122	IL	SMC Cattle Barn
K2RD	10,920	195	56	NV		WB9HFK	46,336	362	128	IL	SMC Sno-Cones
N7RD	9,576	152	63	AZ	AOCC - Gunslingers	*W19WI	45,087	339	133	WI	SMC Fried Twinkies
K7JQ	9,490	146	65	AZ	AOCC - Scoundrels	KG9X	41,922	411	102	IL	SMC Corn Dogs
KS5H	8,192	128	64	WY		K9MA	41,652	356	117	WI	
*NN7SS (K6UFO)	7,350	147	50	WA	NCCC Team #5	K9CC	40,222	338	119	IL	SMC Funnel Cakes
K7AZT	7,300	146	50	AZ		WW9R	39,204	363	108	WI	SMC Funnel Cakes
W7WHY	6,954	122	57	OR		K9IG	37,856	338	112	IN	SMC Horse Barn
W7POE	6,384	114	56	WA		W9XT	34,814	338	103	WI	SMC Fried Twinkies
W8NOR	6,322	109	58	AZ		KTØR (KEØL)	27,686	254	109	IL	SMC Corn Roast
WB6OTS	6,272	112	56	AZ	AOCC - Gunslingers	ND9G	26,892	249	108	IL	4-H Displays
NG7W	5,616	108	52	WA	Hammin' Hogs	W9QL	26,215	245	107	IL	SMC Corn Roast
W7SE	5,243	107	49	WY		WB8BZK	26,040	248	105	IL	
KB6UNC	5,040	112	45	UT		K9OR	25,250	250	101	IL	SMC Corn Roast
KL7SB	4,191	127	33	KL7		WD9CIR	24,130	254	95	IL	SMC Sno-Cones
*KU7Y	3,888	81	48	NV	AOCC - Scoundrels	WB8RFB	24,057	243	99	IL	SMC Midway
W8TK	3,572	76	47	AZ		K9MMS	22,204	244	91	IL	SMC Horse Barn
W7GB	3,384	94	36	WA		K9QVB/9	21,924	261	84	WI	
WN7Y	3,306	87	38	MT	Big Sky Contesters #1	W9NXM	21,090	222	95	IL	SMC Cattle Barn
K5TRI	2,774	73	38	WA		W9DCA	20,384	203	98	IL	SMC Sno-Cones
KB7N	2,520	72	35	WA		KØTQ	15,132	194	78	IN	
*WC7S	2,470	65	38	WY	GM Overland Trail	K9CW	13,706	154	89	IL	
N7WY	2,464	88	28	WY		N9TF	13,320	148	90	IL	SMC Corn Roast
AB7MP	2,310	70	33	WA		AC9S	12,551	163	77	IL	
W7GF	1,740	58	30	OR		K9IJ	12,516	149	84	IL	
WQ7K	1,312	41	32	WA		K9FO	10,579	149	71	IL	SMC Fried Snickers
AK7O	1,250	50	25	UT		KC9QQ	10,400	160	65	IN	4-H Displays
W7VAS	1,073	37	29	WA		W9FX	8,364	123	68	IL	SMC Fried Twinkies
KA6JLT	800	40	20	NV		KT9L	7,744	121	64	IN	SMC Sno-Cones
KK7A	312	24	13	ID		W9ILY	6,324	102	62	IL	Metro DXers
KF7DX	286	22	13	WA		KW9U	6,148	106	58	IL	SMC Fried Snickers
AL1G	264	24	11	KL7		N9DMA	6,032	104	58	IN	
*N6HI	225	25	9	AZ		W9YS	5,978	98	61	IL	SMC Chicken Dinner
*NE4RD	168	14	12	MT	Big Sky Contesters #2	K9KJ	5,600	100	56	IN	SMC Corn Dogs
K7MK	60	10	6	ID		N9LF	5,500	100	55	IN	
K7DBN	9	3	3	UT		KD9MS	5,400	100	54	IL	SMC Horse Barn
NA8V	193,053	951	203	MI	NCC/MRRC Team 1	WO9S	5,050	101	50	IL	
W8CAR	140,058	753	186	OH	NCC/MRRC Team 1	A19K	4,998	102	49	IL	
K8RYU	83,996	506	166	OH	NCC/MRRC Team 2	NV9X	4,900	100	49	IL	Metro DXers
K8AJU	78,780	606	130	OH	NCC/MRRC Team 1	NE9M (WM9Q)	4,635	103	45	IL	SMC Corn Roast
K8BTU	76,704	544	141	OH		NJ9R	4,233	83	51	IL	SMC Midway
W8TM	76,680	568	135	OH	NCC/MRRC Team 3	K9ZM	3,675	75	49	IL	SMC Corn Dogs
K8MP	74,095	511	145	OH		W9TC	3,220	70	46	IN	
N8BJQ	71,929	503	143	OH	Deep Dixie CC Team 3	N9AFU	3,159	81	39	IN	
K9NW	57,150	450	127	OH	Flying Iguanas	N7MB	3,042	78	39	IL	
K8BL	49,898	409	122	OH		K9IR	2,993	73	41	IL	SMC Midway
KW8N	34,809	283	123	OH		KK9N	2,911	71	41	IL	SMC Sno-Cones
KB8TYJ	34,240	320	107	MI	The Braille Team	K9GB	2,485	71	35	WI	
N8FYL	32,318	286	113	MI		KØTOT	1,972	58	34	IL	
N8VV	27,000	300	90	OH		*K9JWI	1,904	56	34	IN	
K3JT	20,999	253	83	WV		KC9UJS	1,862	49	38	IL	SMC Cattle Barn
W8MET	16,830	198	85	OH		KB9O	1,767	57	31	IL	
KI8R	16,614	213	78	OH		K9DUR	1,600	50	32	IN	SMC Fried Twinkies
K7DR	16,524	204	81	MI		*WS9V	1,368	57	24	IL	Flying Iguanas
KØACP	14,168	161	88	MI		NG9R	1,333	43	31	IL	4-H Displays
W3YQ	12,096	189	64	WV		A19I	1,250	50	25	IL	
NW8U	11,766	159	74	WV		N9VPV	1,209	39	31	IL	
KD8BBK	8,382	127	66	OH		K9CQ	1,170	39	30	IL	SMC Midway
NF8M	7,700	110	70	MI	NCC/MRRC Team 2	K9EL	1,073	37	29	IL	SMC Chicken Dinner
*N8XX	5,885	107	55	MI	NCC/MRRC Team 3	W9VA	1,053	39	27	IL	
W8KNO	5,824	104	56	OH	NCC/MRRC Team 3	W9LIZ	972	36	27	IL	
AF8A	5,415	95	57	OH	NCC/MRRC Team 2	*AF9J	950	38	25	WI	SMC Fried Snickers
AB8OU	4,680	90	52	OH		NT9E	800	32	25	IL	
N8TCP	4,212	81	52	OH		K9NN	713	31	23	IN	SMC Chicken Dinner
WB8WKQ	3,720	93	40	MI		NA9RB	609	29	21	IL	
KC8RPV	2,856	68	42	OH		WB9TFH	567	27	21	WI	
N4HAI	2,074	61	34	OH		W9AKS	510	30	17	WI	
N8II	1,620	54	30	WV		KM9M	475	25	19	IL	
KD8W	1,530	51	30	OH		K9PG	414	23	18	IL	Guantesters
WA8UMT	1,421	49	29	MI		N9BT	364	26	14	IL	
*W8DXU	1,100	44	25	OH		WAØJTL	165	15	11	IN	
NE8J	920	40	23	MI		NG9M	120	12	10	IN	
W4WW	704	32	22	WV		N9FN	110	11	10	IN	
*W8NNC	378	21	18	OH		WB9TFF	20	5	4	WI	
N8XE	378	21	18	OH	Flying Iguanas	WT9Q	16	4	4	WI	
W8RU	105	15	7	MI	NCC/MRRC Team 2	K9QJ	16	4	4	IL	
W9RE	250,930	1091	230	IN	Ad Hoc	KU9V	4	2	2	IN	
N9CK	247,170	1155	214	WI	SMC Tractor Pull	NØAV	183,512	904	203	IA	SMC Midway
K9CT	232,875	1125	207	IL	SMC Tractor Pull	NAØN	157,520	880	179	MN	MWA Walleye
K9NR	154,602	818	189	IL	SMC Tractor Pull	KTØA	140,280	840	167	SD	GMSmokeyHillTrail
WT9U	142,560	792	180	IN	SMC Funnel Cakes	ABØS	134,300	790	170	KS	Deep Dixie CC Team 2

