

Results, January 1999

NAQP SSB Contest

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On January 16, 1999 the high temperature for the day in Yuma, Arizona was 75°F. Not warm by Yuma standards. But 10 meters was red hot, and K6LL/7 used it for the first two and a half hours of the January 1999 edition of the NAQP SSB contest to set new all-time records of 322,788 points and 1454 QSOs, breaking the old marks set by KR6X operating N6UR in 1993. In the end, this was the *crème de la crème* of 27 record-breaking single op scores. If you missed this one, you missed one of the hottest NAQPs ever!

Following K6LL, N6RO overcame K6ZZ during the last hour of the contest to win California honors and take second place overall, with K6ZZ taking third. (See "K6ZZ vs N6RO: The Battle for California.") K4XS led the Southeastern corner of the US to finish fourth and set a new Florida record. W7WA managed fifth place from the Pacific Northwest without any QSOs on 160 or 80 meters, while breaking W7NN's year-old Washington record. N6NT operated from his Cayman Islands QTH as ZF2NT for sixth place and obliterated the old ZF record of 8800 points. W7NN, WC4E, K4WX and KW8N rounded out the top-ten single op scores with K4WX edging his old Tennessee record and KW8N breaking his two-year old Ohio record. As a result of all of these high scores, the first five scores moved onto the top-ten all time high scores list.

K4NO won the close multi-two competition, while having fewer QSOs but more multipliers, than either second-place finisher KT0R or third-place finisher KK1L. Fewer than 30k points separated first and third place.

In the team competition, the Southern California Contest Club No. 1 team, led by K6LL and K6ZZ, finally broke through the million-point barrier to set a new all-time team record of more than 1.2 million points. The Northern California Contest Club team, led by N6RO and ZF2NT, also broke the million-point barrier to finish only 90k points behind the SCCC. Could this be the beginning of a new California rivalry between the SCCC and the NCCC for top team score? Third place went to the Tennessee Contest Group No. 1 team with a score of almost 840k points.

In addition to these top finishers, there were many record-setting performances. In 1-land, K1VUT set a new Massachusetts record, while WA1LNP broke his own New Hampshire record.

W4OC smashed the old South Carolina record; K1GG broke his own year-old Virginia record; and KT4ZX put himself in the record book for Kentucky. In 5-land, K5OY, broke the six-month old Arkansas record with 210k points. K5RC celebrated his return to the NAQP SSB

contest with a new Nevada record, while WL7KY broke 100k points and set a new Alaska standard. In 9-land, WE9V set a new Wisconsin record, but was prevented from simultaneously holding two state records by W9RM's 224k points for a new Illinois record. N0AV upped his

K6ZZ vs N6RO: The Battle for California

Although they probably didn't realize it during the contest, K6ZZ, representing the Southern California Contest Club, and N6RO, representing the Northern California Contest Club, waged a battle for first place in California. The table below shows the chronology of their band changes, off periods and hourly scores. Although N6RO jumped to an early lead, K6ZZ held a slight 494 point lead at the half-way mark. With one hour left in the contest, K6ZZ had overcome N6RO's lead of most of the second half of the contest to lead by almost 15k points. However, N6RO managed 68 QSOs and 25 multipliers in the last hour to pull out the California win: 290,408 to 284,874.

Time	K6ZZ	N6RO
1800Z	10m	10m
1859Z	143/27 = 3,861	162/31 = 5,022
1932Z	15m	15m
1959Z	281/63 = 17,703	318/70 = 22,260
2000Z		10m
2018Z		15m
2059Z	445/76 = 33,820	431/81 = 34,911
2102Z		10m
2104Z		Start of first off period
2110Z	10m	
2134Z		End of first off period
2140Z	15m	
2142Z		15m
2159Z	540/83 = 44,820	477/88 = 41,976
2200Z	Start of first off period	
2204Z		10m
2231Z		15m
2250Z		20m
2259Z	540/83 = 44,820	591/105 = 62,055
2300Z	20m, end of first off period	
2302Z		Start of second off period
2333Z		End of second off period
2359Z	656/127 = 83,312	642/129 = 82,818
0059Z	773/133 = 102,809	773/143 = 110,539
0126Z	Start of second off period	3/186 = 167,958
0209Z		Start of third off period
0215Z	40m, end of second off period	
0238Z		End of third off period
0259Z	964/180 = 173,520	979/195 = 190,905
0339Z		160m
0344Z	80m	
0346Z		80m
0354Z		40m
0355Z		Start of fourth off period
0359Z	1090/198 = 215,820	1074/209 = 224,466
0425Z		End of fourth off period
0427Z	160m	
0430Z		160m
0449Z	80m	
0458Z		80m
0459Z	1154/226 = 260,804	1103/223 = 245,969
0532Z		160m
0534Z	160m	
0544Z		80m
0550Z	End of 10 hours of operation	
0558Z		160m
0559Z	1202/237 = 284,874	1171/248 = 290,408

own Iowa record; KI0MB edged the Missouri record upward; and WD0T broke his own South Dakota record. New Canadian records were also set from coast to coast. VE9AA established the first-time New Brunswick record with 233k points, and VE8JL's 13k points established a first time Northwest Territories record. VE3EJ and VE4VV broke their own Ontario and Manitoba records, respectively, while VE6FU almost doubled the old Alberta record of 1994. VE5SF broke 200k points for a new Saskatchewan mark, and VE7CFD upped the British Columbia record. Operating from the Caribbean, KN4UG established a first-time Bahamas record with 53k points.

Not only were there many record-setting performances in this edition of the NAQP SSB, but there were also many first-time testers. A number of the multi-two entries consisted of an experienced operator and one or more newbies to contesting. Although the NAQP can be extremely competitive, as demonstrated by the top-ten scores, it is also a great contest for those new to HF contesting. Even if you don't have time for a full-time effort, invite someone from your local club, who has expressed interest in contesting, to operate with you. This can be rewarding for both of you.

While checking logs, I'm always disappointed to see participants lose QSOs and multipliers as a result of simple mistakes. Be sure you know the standard abbreviations for states and provinces. Make sure your contest logging program's NAQP multiplier table is up to date and correctly identifies Canadian provinces if your program automatically establishes the QTH from the call sign.

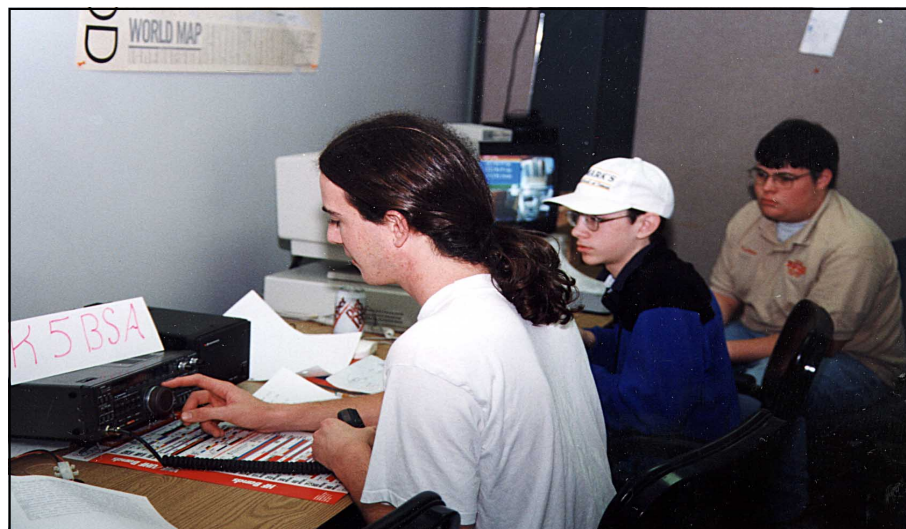
See you in August for the next one.

Soapbox

I had lots of fun with my friend in my first ever solo contest effort. I look forward to meeting all of you again in the next contest!—KD7DQO. A special thank you for all that

moved to help with my mult total. I worked most all that I moved. Really enjoyed the 125/hr on 80!—WA3HAE. Good rate this year on the high bands, but 80 and 160 stunk from up here. Had to let the rain static determine the rest periods for me.—W7NN.

All bands played well at this QTH. Total Qs doubled from August 1998!—W6XK. Atmospheric noise was lower than CW weekend, but 10-meter propagation was poor. Local line noise was very bad on 15 and 10. Personal best effort for this contest.—W4OC.



The Venturer Crew 73 scout unit operated as K5BSA under advisor, KR1ZAN, during NAQP SSB. Shown here are Stan, KB5UOL, Tony, KC5YSL, and Jason, KD5CTT during the contest. The Crew's contest operation was "telecast" via ATV on the AB5IG repeater in the Dallas, Texas area.

Relative Band Activity

This table shows the relative activity, based on submitted logs, for each band during each hour of the contest. A score of 100 is assigned to the most active band-hour, in this case 10 meters during the 18Z hour. As an example, 20 meters/22Z had 86 percent of the activity of 15 meters/18Z.

Hour/Band	160 m	80 m	40 m	20 m	15 m	10 m
18Z	—	—	—	22	56	100
19Z	—	—	—	25	83	73
20Z	—	—	1	43	89	51
21Z	—	—	1	65	82	34
22Z	—	—	17	86	41	23
23Z	—	—	40	100	9	12
0Z	—	2	72	98	1	—
1Z	—	18	89	54	—	—
2Z	2	57	96	8	—	—
3Z	23	69	38	—	—	—
4Z	33	69	8	—	—	—
5Z	30	50	1	—	—	—

Single Op Breakdowns

Call	Score	QSOs	Mults	160 m	80 m	40 m	20 m	15 m	10 m	Team
K6LL	322,788	1454	222	11/10	42/21	222/47	325/51	302/54	549/39	SCCC #1
N6RO	290,408	1171	248	42/24	61/21	232/54	253/53	256/55	326/41	NCCC
K6ZZ	284,874	1202	237	39/17	100/32	231/52	291/53	289/48	251/35	SCCC #1
K4XS	282,124	1124	251	48/21	118/37	185/46	428/62	233/55	106/30	FCG
W7WA	271,072	1376	197	0/0	0/0	232/47	422/54	219/47	499/49	Rush Drake
ZF2NT (N6NT)	263,579	1151	229	13/11	42/24	117/39	291/55	338/57	341/43	NCCC
W7NN	255,966	1153	222	20/11	58/26	245/47	265/55	308/48	257/35	
WC4E	255,360	1064	240	40/24	91/32	262/49	344/61	274/51	52/23	FCG
K4WX	247,690	1054	235	109/34	228/48	242/55	201/48	120/29	151/21	TCG #1
KW8N	247,257	993	249	135/42	267/46	169/50	138/45	71/30	213/36	Mad River

Multi-Two Breakdowns

Call	Score	QSOs	Mults	160 m	80 m	40 m	20 m	15 m	10 m
K4NO	390,034	1403	278	164/42	271/52	274/53	384/61	118/44	188/26
KT0R	378,741	1497	253	68/26	211/48	394/56	516/59	259/46	44/18
KK1L	361,537	1429	253	72/24	289/46	276/49	401/54	232/46	157/34

Team Scores

1. Southern California Contest Club #1

K6LL	322,788
K6ZZ	284,874
N6ED	217,424
N6KI	216,621
K6RO	197,685
Total	1,239,392

2. Northern California Contest Club

N6RO	290,408
ZF2NT (N6NT)	263,579
K5RC	236,742
K6BZ	224,136
N6EE	133,004
Total	1,147,869

3. Tennessee Contest Group #1

K4WX	247,690
VE4VV	207,828
W0ETC	141,588
K1VUT	133,363
W04O	108,852
Total	839,321

4. Society of Midwest Contesters #1 (WD0T, W9RM, KA9FOX, W9SMC)	760,580
5. Florida Contest Group (K4XS, WC4E, AJ4Y)	649,659
6. Southeastern Contest Club #1 (W4OC, K4OGG, K4AB, K4BAI, K9AY)	646,174
7. Hanging Judge Contest Club (AB5SE, N5XM, AC5OC, K5OY, W5YM)	606,242
8. Mad River Contest Club (KU8E, KW8N, W8MJ, KE8OC)	580,632
9. Rush Drake Orchestra (K7ED, KI7Y, K5ZM, W7WA, K7NT)	562,689
10. Southwest Virginia Contest Conspiracy (K1GG, K4IQ, KU4RG, K4EP, N4GU)	494,326
11. Texas DX Society #1 (K5DX, N5RP, W5ASP, K5NZ, KM5OT)	417,097
12. Kentucky Contest Group (KT4ZX, WB4OSS, W4LC)	391,112
13. Tennessee Contest Group #2 (N4VI, K4WW, NA4K)	370,046
14. Southern California Contest Club #2 (N6RT, WN6K, W7WW)	351,896
15. Weekend Warriors (WA3HAE, WA3SES, KB3A)	268,038
16. Society of Midwest Contesters #4 (N9IJ, WE9V)	259,620
17. Tennessee Contest Group #5 (KD4VWN, K0OU, KF4ZR)	229,510
18. PVRC Part Timers (K3MM, KE3Q, K4MA)	194,471
19. Society of Midwest Contesters #2 (K9YO, WT9U, KE9I, W9RE)	178,731
20. Southeastern Contest Club #2 (N1CC, K4EA)	178,464
21. Tennessee Contest Group #3 (W4PA, N4DW, KE4OAR, K4BEV)	174,740
22. Yegua Valley Contest Club #1 (N5XJ, N5HC, N4GCA, NX5M)	139,764
23. Southeastern Contest Club #3 (KD3GC)	133,500
24. Tennessee Contest Club #4 (AC4ZD, K4RO)	54,028
25. Texas DX Society #2 (W5HNS, KB5ZXO)	47,793
26. Society of Midwest Contesters #3 (N9JF, K9PG)	46,156
27. Tennessee Contest Group #6 (W9WI, KE4YBS, N3DEL, NU4JJ)	26,974
28. Yegua Valley Contest Club #2 (KA5BKG, KB4NFZ)	277

Single Operator Scores

Call	Score	QSOs	Mults	Section	Team	Call	Score	QSOs	Mults	Section	Team
WA1LNP	179,983	853	211	NH	TCG #1	W04O	108,852	579	188	TN	TCG #1
K1VUT	133,363	691	193	MA		N4GU	101,010	555	182	VA	SW Virginia CC
KE1KD	42,471	297	143	NH		K4IQ	100,572	578	174	VA	SW Virginia CC
KB1H	40,033	301	133	CT		NA4K	99,575	569	175	TN	TCG #2
W1AW	38,512	332	116	CT		K4OGG	94,512	537	176	GA	SECC #1
(N1ND)						WB4OSS	88,343	529	167	KY	KCG
KX1X	33,062	271	122	MA		K4BAI	84,906	477	178	GA	SECC #1
AA1SU	32,480	290	112	VT		KE4OAR	80,190	486	165	TN	TCG #3
KT1O	22,310	230	97	ME		K4HA	71,073	447	159	NC	
(N1ZPC)						K9AY	68,162	394	173	GA	SECC #1
W1CTN	22,246	227	98	CT		K4EP	67,650	451	150	VA	SW Virginia CC
K1HT	21,522	211	102	MA		N4DW	63,495	415	153	TN	TCG #3
K1PLX	5,510	95	58	MA		N4CW	30,894	271	114	NC	
KZ1M	598	26	23	MA		AC4ZD	27,846	238	117	TN	TCG #4
						K4BEV	26,400	240	110	TN	TCG #3
N2GA	87,423	543	161	NY		KU4RG	26,244	243	108	VA	SW Virginia CC
K52G	57,105	423	135	NY		K4RO	26,182	247	106	TN	TCG #4
N2LH	46,090	419	110	NY		KE4YBS	22,512	201	112	TN	TCG #6
W5KI	43,615	305	143	NJ		K4MA	21,576	248	87	NC	PVRC Part Timers
NI2P	36,168	274	132	NY		KD4VWN	17,010	189	90	TN	TCG #5
W2HCA	31,080	259	120	NJ		W4AUI	16,490	170	97	TN	
N2ST	15,219	171	89	NJ		AC4PY	16,168	172	94	KY	
WR2V	11,139	141	79	NY		NX9T	15,124	199	76	NC	
W2QU	10,626	154	69	NJ		N4TL	10,707	129	83	NC	
N2LQQ	2,898	69	42	NY		N1CC	5,421	139	39	SC	SECC #2
N2LDU	1,606	73	22	NJ		KF4OAD	5,304	104	51	NC	
K2FR	1,488	48	31	NY		N4WYR	5,022	93	54	NC	
WB2SXY	480	32	15	NY		W4PA	4,655	95	49	TN	TCG #3
						K3TD	2,356	62	38	GA	
K3MM	124,845	615	203	MD	PVRC Part Timers	K4OOO	2,166	57	38	TN	
WA3HAE	111,696	624	179	PA	Weekend Warriors	K1SO	676	26	26	VA	
KB3A	96,660	537	180	PA	Weekend Warriors	W9WI	660	33	20	TN	TCG #6
KC3TL	71,442	486	147	PA		KS4YX	611	47	13	SC	
WA3SES	59,682	406	147	PA	Weekend Warriors	N4GN	486	27	18	KY	
KE3Q	48,050	310	155	MD	PVRC Part Timers	W4OGG	450	25	18	TN	
N3RM	44,608	328	136	PA		NU4JJ	372	31	12	TN	TCG #6
WF3M	44,020	310	142	PA							
N8NA	35,768	263	136	DE		K7UP	220,290	1049	210	NM	
K3SV	17,978	178	101	PA		(W5FX)					
W3KM	11,929	151	79	PA		K5NZ	217,371	941	231	TX	TDXS #1
K3PP	9,150	150	61	PA		K5OY	210,588	966	218	AR	Hanging Judge
W3/VE3GLO	6,867	109	63	MD		W5YM	159,470	862	185	AR	Hanging Judge
K3LD	5,200	104	50	PA		(AC5RR)					
N3DEL	3,430	70	49	DE	TCG #6	AB5SE	157,600	788	200	AR	Hanging Judge
(N9GG)						W5ASP	156,114	826	189	TX	TDXS #1
KF3BE	2,379	61	39	MD		K5DX	137,484	684	201	TX	TDXS #1
						AE5T	118,864	646	184	LA	
K4XS	282,124	1124	251	FL	FCG	NT5D	115,581	653	177	TX	
WC4E	255,360	1064	240	FL	FCG	N5ZC	68,497	479	143	TX	
K4WX	247,690	1054	235	TN	TCG #1	N5XJ	60,590	415	146	TX	Yegua Valley CC
K4AB	233,870	910	257	AL	SECC #1	AC5OC	48,816	339	144	AR	Hanging Judge
K1GG	198,850	970	205	VA	SW Virginia CC	W5HNS	44,070	390	113	TX	TDXS #2
KT4ZX	189,675	843	225	KY	KCG	W5RDX	36,300	275	132	TX	
K4EA	173,043	783	221	GA	SECC #2	N5HC	32,130	270	119	TX	Yegua Valley CC
W4OC	164,724	777	212	SC	SECC #1	(AC5GH)					
K4WW	162,000	810	200	KY	TCG #2	N5XM	29,768	244	122	AR	Hanging Judge
KD3GC	133,500	750	178	GA	SECC #3	N4GCA	27,680	346	80	TX	Yegua Valley CC
KF4ZR	115,320	620	186	TN	TCG #5	KB5FET	26,288	248	106	MS	
W4LC	113,094	618	183	KY	KCG	WK5K	23,632	211	112	TX	
AJ4Y	112,175	641	175	FL	FCG	N5RP	21,680	271	80	TX	TDXS #1
W4CAT	109,792	584	188	TN		(K2MRZ)					
(K1KY)						N5AF	20,800	208	100	TX	

Call	Score	QSOs	Mults	Section	Team	Call	Score	QSOs	Mults	Section	Team	
NX5M	19,364	206	94	TX	Yegua Valley CC	W9YS	30,562	259	118	IL	SMC #2	
K5TQ	12,696	138	92	NM		KE9I	30,184	308	98	IN		
K5LG	10,710	126	85	AR		K9WX	22,788	211	108	IN		
KC5WJM	8,850	150	59	TX	TDXS #1	K9JE	21,420	210	102	IL	SMC #2	
KM5OT	8,448	128	66	TX		AA9QT	15,136	172	88	IL		
KM5NQ	7,992	108	74	MS		K9YO	14,596	164	89	IL		
K5EM	6,272	98	64	TX	TDXS #2	N9IJ	10,150	145	70	IL	SMC #4	
KM5LO	3,876	76	51	TX		AF9J	6,060	101	60	WI		
KB5ZXO	3,723	73	51	TX		K9PG	5,643	99	57	IL		
W5NR	3,196	68	47	TX	Yegua Valley CC	N9ZUT	3,504	73	48	IL	SMC #3	
KA5BKG	270	30	9	TX		W9VHE	1,118	43	26	IN		
KB5NFZ	7	1	7	TX		Yegua Valley CC	W00DY (K9PG)	735	35	21		IL
N6RO	290,408	1171	248	CA	NCCC	WD0T	228,459	989	231	SD	SMC #1	
K6ZZ	284,874	1202	237	CA	SCCC #1	N0AV	220,896	944	234	IA		
K6BZ	224,136	1132	198	CA	NCCC	K0RI	178,588	884	202	CO		
N6ED	217,424	1016	214	CA	SCCC #1	W0ETC	141,588	684	207	IA	TCG #1	
N6KI	216,621	1017	213	CA		KIOMB	122,244	732	167	MO		
K6RO	197,685	955	207	CA		N4VI	108,471	627	173	CO		
W6XK	158,776	892	178	CA	SCCC #2	K0OU	97,180	565	172	MO	TCG #2	
WN6K	155,367	849	183	CA		W0UY	75,600	450	168	KS		
N6EE	133,004	811	164	CA		N0WE	67,200	480	140	MN		
W6TKV	82,446	546	151	CA	SCCC #2	KB0PPA	39,556	341	116	SD	TCG #5	
W6TK	70,224	456	154	CA		KR6NA	32,445	309	105	CO		
KQ6QW	55,744	416	134	CA		KE0FT	31,886	298	107	IA		
N6PL	50,460	435	116	CA	SCCC #2	KI0ND	22,578	213	106	CO	TCG #5	
N6RT	23,598	207	114	CA		KI0E	21,962	278	79	ND		
W6ESJ	17,922	174	103	CA		KF0UK	13,667	173	79	MN		
K6ZCL	16,275	175	93	CA	SCCC #2	AB0GO	7,888	136	58	CO	TCG #5	
KF6BIR	15,642	158	99	CA		WB0VBW	6,580	188	35	SD		
K6III	15,387	223	69	CA		K0DMR	6,048	96	63	MN		
WB6NFO	13,376	152	88	CA	SCCC #2	KC0COP	1,428	51	28	CO	TCG #5	
KF6JFG	12,470	290	43	CA		KA0BAT	1,260	45	28	KS		
WA7BNM	10,658	146	73	CA		KA0BHO	999	37	27	KS		
K6KAY	8,474	223	38	CA	SCCC #2	N0PFY	560	56	10	MN	TCG #1	
N6WR	7,728	112	69	CA		VE3EJ	245,079	939	261	ON		
K6EP	5,472	96	57	CA		VE9AA	233,100	1050	222	NB		
KE6QR	3,096	72	43	CA	SCCC #2	VE4VV	207,828	1004	207	MB		
KD6TRH	280	20	14	CA		VE5SF	201,612	951	212	SK		
W6RKC	55	11	5	CA		VE3KZ	165,165	715	231	ON		
KF6NNX	42	7	6	CA	SCCC #1	VE7CFD	146,030	859	170	BC	TCG #1	
K6LL	322,788	1454	222	AZ		VE6FU	120,020	706	170	AB		
W7WA	271,072	1376	197	WA		VE5CPU	117,208	728	161	SK		
W7NN	255,966	1153	222	WA	SCCC #2	VE7NF	96,084	628	153	BC	TCG #1	
K5RC	236,742	1122	211	NV		VE7TLK	81,879	557	147	BC		
W7WW	172,931	869	199	AZ		VE6JY	77,420	395	196	AB		
N7LOX	156,145	835	187	WA	Rush Drake Orchestra	VE5MX	54,432	432	126	SK	TCG #1	
K5ZM	130,660	695	188	OR		VE3WIB	51,830	355	146	ON		
WL7KY	104,754	663	158	AK		VE3ZT	50,616	342	148	ON		
K7ED	101,270	779	130	WA	Rush Drake Orchestra	VE3STT	47,436	354	134	ON	TCG #1	
(KK7GW)						VA3SWG	33,660	330	102	ON		
AD7U	67,466	427	158	WA		VE3BUC	22,826	226	101	ON		
W7ZRC	58,760	452	130	ID	Rush Drake Orchestra	VA3IX	20,400	204	100	ON	TCG #1	
K7ZO	51,744	392	132	ID		VE8JL	13,532	199	68	NWT		
K7NT	46,002	374	123	OR		VE2AWR	10,366	142	73	PQ		
KW7N	38,862	306	127	ID	Rush Drake Orchestra	VE3WZ	8,040	120	67	ON	TCG #1	
W7WHY	34,716	263	132	OR		VE2GWL	4,361	89	49	PQ		
N3HXQ/KL7	31,719	291	109	AK		VE5DWR	1,333	43	31	SK		
KC7ZRH	26,433	267	99	AZ	Rush Drake Orchestra	VA3EOJ	72	9	8	ON	TCG #1	
KR7X	20,298	199	102	OR		ZF2NT (N6NT)	263,579	1151	229	ZF		
KI7Y	13,685	161	85	OR		KN4UG/C6A	53,888	421	128	C6		
KD7AEE	11,270	161	70	UT	Rush Drake Orchestra	WP4LNY	6,386	103	62	PR	NCCC	
KC7WUE	1,755	45	39	WA		PY2NY	72	9	8	DX		
W7HS	1,504	47	32	UT		PY5AWB	36	6	6	DX		
N7WA	1,140	38	30	WA	Mad River CC	Checklogs: K3SWZ, K5KA						
KW8N	247,257	993	249	OH		Mad River CC	Multi-Two Scores					
W8MJ	214,110	915	234	MI			Call	Score	QSOs	Mults	State/Prov	
N6WLX	99,072	576	172	OH	K4NO (K4GU, KA9EKJ)		390,034	1403	278	AL		
WA8WV	96,432	574	168	WV	Mad River CC	KT0R (+K0XQ)	378,741	1497	253	MN		
WA8YRS	91,368	564	162	OH		KK1L (+N1MEZ)	361,537	1429	253	VT		
KE8OC	63,510	435	146	MI		N0NI (+N0AC, W0FLS, KD0ZV)	326,960	1340	244	IA		
KU8E	55,755	413	135	OH	Mad River CC	K9XD (+N9VVV)	262,908	1206	218	IL		
N8YYS	41,748	294	142	WV		W5SB (+KD5AIJ, KK5LD, WA5SAJ)	255,664	1102	232	TX		
AA8VG	29,750	250	119	MI		W4WS (KC4WSK, KO4MM, KT4CD, N0KTY, N4VHK, WB4MSG)	252,603	1143	221	NC		
AA8SN	24,973	221	113	MI	Mad River CC	N5YA	231,168	1032	224	TX		
KI8CS	20,273	209	97	OH		NM7I (K7ON, NU7I)	173,579	959	181	AZ		
W8TTS	18,335	193	95	OH		K1ZO (+N1KWF, WA1ZYX)	164,248	838	196	NH		
KC8HLD	17,139	197	87	MI	Mad River CC	NY4T (+KE4KMG, KF4GKN, KF4GNV, W1ADE)	143,379	801	179	TN		
WE8L	12,936	154	84	MI		K3PZN (KB3CAW, N3SB, N3YIM, WX3B)	70,680	456	155	MD		
N8NX	10,220	146	70	MI		N4OKX	66,834	474	141	KY		
W8QM	6,324	102	62	MI	Mad River CC	N5KB (+KD5ETC)	43,120	308	140	TX		
KC8HWV	5,040	105	48	OH		AC0W (+KB0VQX)	36,582	273	134	MN		
N8WTH	4,000	80	50	MI		K5BSA (AB5ZR, K5ZMJ, KB5UOL, KC5YAH, KC5YSL, KD5CTT, KR1ZAN, WA5TET)	25,520	220	116	TX		
KC8BTA	2,240	56	40	OH	SMC #2	K7RFM (+K7MPM)	19,620	180	109	AZ		
WE9V	244,032	992	246	WI		W4ATC (KF4ARS, N3NPQ, N3QYE)	19,190	190	101	NC		
W9RM	224,576	968	232	IL		KD7DQO	4,888	188	26	WA		
KA9FOX	161,737	821	197	WI	SMC #1							
W9SMC (K19A)	145,808	701	208	IL								
K9PW	120,912	687	176	IL								
N9PQU	113,280	590	192	WI	SMC #2							
WT9U	93,125	625	149	IN								
W9RE	40,826	298	137	IN								
N9JF	40,513	319	127	IL	SMC #3							
N9TU	34,710	267	130	IN								