

Results: North American QSO Party – RTTY, July 2019

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The magazine results are reduced to fit the available space. Expanded results, including the complete line scores, are available online at NCJweb.com

The July 2019 running of the NAQP RTTY was a hot time on the bands. The Eastern half of the USA had a record heat wave, and it was a good day to stay indoors and operate. The sunspot counts for the week were 0, 0, 0, 0, 0, 0, and 0. However, the Eastern half of the USA had good sporadic E propagation on 10m and 15m which pushed “eastern” contesters ahead of their “western” competitors. Overall activity was high with a thousand operators on-the-air, 600 logs received and 46 Teams of operators.

A highlight was stations celebrating the 50th Anniversary of the Apollo 11 Moon landing in year 1969. Many stations had unique names like Buzz, Neil, and MOON. Special Event station K7A was representing the Nevada Space Center. Photo 1 of the K7A “Mission Control” at the W7RN station confirms that it was indeed rocket science!



(Photo 1. Special Event station K7A, Photo courtesy of WK6I and W7RN)

The Collins Aerospace Amateur Radio Club, W7CXX, participated in honor of the contributions Collins Radio Company made to the Apollo 11 lunar missions.

Fred, WW4LL operated remote to the W5WMU contest station being refurbished in Louisiana.

Brian, N9ADG operated his new remote station, but due to some hasty setup, his signal was inverted and he had no sound. A helpful station told him he was inverted, and that got fixed. But he operated without sound, tuning with a visual indicator and "seeing" when a station started and stopped from the signal display and the decoded text. Maybe this is a new operator category, "SONA - Single Operator, No Audio". Brian, please don't try this for NAQP SSB, voice recognition isn't that good, yet.

Eric, NR4O finished the contest, and then *OUCH* - had damage from a nearby lightning strike.

Dave K6DAJ returned to Stanford some 40 years after being a graduate student there, and operated W6YX to a nice SO2R score. He sent along Photo 2 of some of the many W6YX antennas just after sunset.



(Photo 2. W6YX antennas after sunset. Photo courtesy of K6DAJ)

Single Op Top Ten Breakdowns

Call	Score	QSOs	Mults	80	40	20	15	10	
AA3B	157,080	924	170	90/23	291/44	336/45	117/32	90/26	SWACC #1
K9CT	136,675	781	175	99/23	210/42	242/44	170/41	60/25	SMC Team Armstrong
K7SV	129,404	748	173	74/19	245/44	224/48	133/38	72/24	
N9CK	125,802	723	174	134/34	238/41	213/48	104/31	34/20	SMC Team Armstrong
K9WX	120,360	680	177	93/24	192/48	232/40	109/39	54/26	
WT9U	113,568	672	169	134/30	162/41	207/43	118/33	51/22	SMC Team Armstrong
AC0C	111,910	722	155	23/13	168/37	275/46	179/37	77/22	The Borg
N4ZZ	110,514	678	163	65/23	212/39	178/38	133/34	90/29	SWACC #1
W4GKM	106,848	742	144	100/29	246/44	263/40	133/31	0/0	SWACC #1
AI9T	104,320	652	160	92/28	235/44	232/48	76/27	17/13	SMC Team Armstrong

Bud, AA3B showed off his SO2R skills and good location for our top Single-op score. Our leaders were all east of Kansas and enjoyed good Sporadic E contacts on 10m and 15m bands, with up to 90 QSOs and 29 Multipliers on 10 meters!

Single Op QRP Top Five Breakdowns

Call	Score	QSOs	Mults	80	40	20	15	10	
NN7SS (K6UFO)	24,582	241	102	8/6	52/26	133/47	45/21	3/2	NCCC Team #3
AA8OY	17,355	195	89	18/9	47/30	90/30	36/16	4/4	
N2WK	7,168	128	56	0/0	64/31	63/24	0/0	1/1	
W5LA	4,956	84	59	0/0	17/15	36/22	19/13	12/9	
KI9S/8	3,036	69	44	3/3	0/0	48/27	10/8	8/6	Cornwall 1

Team Scores Top Five

SMC Team Armstrong (K9CT,N9CK,WT9U,AI9T,K9NR)	582,235
SWACC #1 (AA3B,N4ZZ,W4GKM,N4IQ,K7TQ)	494,675
The Borg (AC0C,W7RY,N5ZC,KI0I,AA0FO)	289,826
NCCC Team #1 (K7A,K6DAJ,N6IE,W6EU)	248,282
Deep Dixie CC Team Elvis (K0WA,AB0S,WV4P,NN5O)	246,453

All those “9” call signs in the Top Ten helped SMC Team Armstrong win the Team Competition. Team competition also included Aldrin, Eagle, Collins and Columbia – a great selection of historic names. Thank you to the Society of Midwest Contesters (SMC) for fielding eleven teams!

Multi-Two Breakdowns

Call	Score	QSOs	Mults	80	40	20	15	10
NV9L	208,224	964	216	140/36	332/52	253/50	141/46	98/32
N0NI	180,600	903	200	98/32	246/48	273/48	147/38	139/34
AB8M	144,800	800	181	149/33	278/41	195/46	116/33	62/28

In Multi-Two, Val and Jerry piloted NV9L to first place. The hard-working crew at N0NI worked 145 QSOs and 34 Multipliers on 10 meters!

Some interesting DX call signs were ZF1A, HP3SS, CM8NMN and CO8IH, 9A4T, TM6M, and TA3ON. Of course, we also appreciate our “Northern Neighbors” the Canadians who participate. Thank you to N6TR and WA7BNM for preparing our scores, and to Icom America for sponsoring our awards. Our next NAQP RTTY will be February 29, 2020.

Selected Soapbox from 3830scores.com (Thank you to Bruce, WA7BNM):

Ever see the comedy act where there are runners lined up to race, the gun goes off, they all leave the starting gate except one who thinks they've been shot. - K6GHA

10M was open! - K4FN

I think I'm starting to get the hang of it. - N9WEW

I'm liking RTTY more and More, as I get the station better set up it just gets more fun. - WV4P

It was walking uphill both ways in quicksand - KL7SB(@KL7RA)

It's always fun working on a team with other members - NN5O

There were actual signals on 10m! - N4GU

Learnin' was done; fun was had. - NR4M

I had worked hard for those 7 ten meter contacts and they would be it for me. - K7A(WK6I)

I should have started with reading the rig's manual. - AA5JF

I stopped for dinner and fell asleep. - W0MB

As always, great to work old friends. - W1UJ

Team Scores

1. SMC Team Armstrong

K9CT	136,675
N9CK	125,802
WT9U	113,568
A19T	104,320
K9NR	101,870
Total	582,235

2. SWACC #1

AA3B	157,080
N4ZZ	110,514
W4GKM	106,848
N4IQ	85,680
K7TQ	34,553
Total	494,675

3. The Borg

AC0C	111,910
W7RY	70,006
N5ZC	40,269
K1OI	37,296
AA0FO	30,345
Total	289,826

Team	Operators	Total
4. NCCC Team #1	K7A, K6DAJ, N6IE, W6EU	248,282
5. Deep Dixie CC Team Elvis	K0WA, AB0S, WV4P, NN5O	246,453
6. KCG	K4WW, ND4Y, KC4WQ, KE4KY, W4LC	239,569
7. Pizza Lovers 259	N6WM, W9KKN, K6TD, K6TU	206,017
8. Arizona Outlaws Sharpshooters	K8IA, W7CXX, N7GP, N9NA, W6RW	202,612
9. SMC Team Aldrin	ND9G, AC9KW, KT9L, WR0H	190,989
10. SCCC #1	KI6RRN, WN6K, KI6VC, WQ6X, K6JO	143,256
11. MWA # 1	N0AT, WB0N, W0DC, K0TLG, W6GMT	107,022
12. NCCC Team #3	AF6SA, K6MR, NN7SS, W6RKC	106,436
13. Team PVR	NR4O, W4VIC, K3WA	102,561
14. SMC team Eagle	WB8BZK, N9LQ, N9WEW, NJ9R	98,310
15. SMC Team Collins	WB9HFK, WB9TFF, WT2P, W9RE	98,304
16. SMC Team Columbia	K9IG, KK9N, WB9TFH, WZ0W, KR9U	89,854
17. Shenandoah Valley Wireless	W4PJW, AD4TJ, N5SMQ, K4PZC	86,062
18. MWA # 2	K0AD, AA0AW, K0VG, AC0W	81,311
19. DFWCG Space	AD5XD, WB5K, WB0TEV	80,834
20. KCG-PT	KU4A, WX4W, KM4FO, AB4IQ, WC4D	77,552
21. SMC Team Sea of Tranquility	N9TF, K9DUR, KC9K, NT9E, AD9I	70,917
22. SMC Team Moon Shot	N9WG, K9QQ, KW9U, WE9V	70,916
23. SMC Team Cape Kennedy	WW9R, K9LC, N9PUZ, WB8RFB	64,373
24. SMC Team Lunar Landing	N5RP, K9CW, KB9S, WS0I	63,942
25. TDXS	KG5U, WB5TUF, W5DCC, AJ4F, W3RZ	56,491
26. I-guana go to the TTY Bar	AJ9C, K9NW, K9PG, W9IZ	54,706
27. SCCC #2	NC6K, WA6I, KF6RY, K6MUG	54,242
28. Bristol Thunderstorm	AA4DD, KT4O, K4LPQ, N4NT	44,713
29. Texoma Contest Club	KC5WX, W5VQ, N5WNG, W4EIS/5	43,705
30. THREE FIFTHS	W4CU, AA2MF	42,773
31. SMC Team Apollo 11	KC9EOQ, N9VPV, W9XT, K9GY	41,674
32. S M Rockets	AA9L, KC9TZO, KG7VIZ	37,878
33. NCCC Team #2	AE6JV, W6RC, K7XC, NA6O, N6EE	32,233
34. Arizona Outlaws Gamblers	W7ZR, W7CT, N1JM, KF7U	30,524
35. Metro Marauders	W9ILY, W9OA, K9PY	29,767
36. NCCC Team #4	WU6W, W6SX, KM6I	29,613
37. NPARC Lunar Diddlers	K2GLS, KC2WUF, K2YG/1	17,290
38. SMC Team Saturn V	KJ9C, K9MMS	16,746
39. Grand Mesa Contesters	N0TA, KF0UR	16,483
40. SWACC #2	WQ5L	12,075
41. Ventura County Digital Guild	AG6AG, AG6AY, AB6ET	8,318
42. DFWCG Mark	WA5LXS	7,437
43. Cornwall 1	KI9S/8, N3RM	4,626
44. SCCC #3	N6HE	4,494
45. NCCC Team #5	KA6W, W1SRD, K9JM, NF6A	1,789
46. Whackers	KA0RID	1,161

Single Operator Scores

Call	Score	QSOs	Mults	QTH	Team
W8BAR (W1TO)	77,550	550	141	MA	
K1IMI (N4CW)	31,350	330	95	ME	
N1IXF	8,208	144	57	CT	
NE1D	6,270	110	57	MA	
N1MD	4,794	102	47	CT	
KA2KON	4,403	119	37	NH	
W1DYJ	4,361	89	49	ME	
KB1LRL	4,356	99	44	MA	
K1SM	1,650	66	25	MA	

KV1J	1,550	50	31	ME	
W1QH	1,176	42	28	CT	
K2YG/1	1,014	39	26	MA	NPARC Lunar Diddlers
W4ZGR	704	32	22	ME	
K1LHO	693	33	21	CT	
KE5ISO	594	27	22	ME	
W1SS	580	29	20	MA	
W1MJ	30	6	5	MA	
NS2N	30,525	275	111	NY	
WB2PJH	27,440	343	80	NJ	
KB2CKN	26,500	250	106	NY	
K2QB	21,384	264	81	NY	
WB2NVR	14,274	183	78	NY	
WA2QAU	9,088	128	71	NY	
K2GLS	8,370	135	62	NJ	NPARC Lunar Diddlers
KC2WUF	7,906	118	67	NJ	NPARC Lunar Diddlers
*N2WK	7,168	128	56	NY	
K2NV/2	4,268	97	44	NY	
W2DXE	2,405	65	37	NY	
WB2WPM	2,133	79	27	NY	
KA2WIK	2,077	67	31	NY	
W2GFV	2,048	64	32	NJ	
K4RUM	1,333	43	31	NY	
KA2PBT	1,034	47	22	NJ	
WB2COY	989	43	23	NY	
AC2OC	851	37	23	NY	
KG2DWS	798	38	21	NY	
KD2JC	224	16	14	NJ	
W2VTV	210	21	10	NJ	
KA2AEY	209	19	11	NY	
AC2IK	77	11	7	NY	
KD2DVW	36	6	6	NJ	
AA3B	157,080	924	170	PA	SWACC #1
K3RWN	70,584	519	136	PA	
W3RGA	47,121	417	113	PA	
KB3AAY	43,616	376	116	MD	
W3KB	24,888	244	102	PA	
N3DUE	16,821	189	89	MD	
N3GH	14,592	192	76	PA	
K3AJ	14,112	196	72	MD	
WA3ZSC	12,090	155	78	PA	
N3VN	10,437	147	71	PA	
KC3NIE	9,638	158	61	MD	
AJ3C	8,220	137	60	PA	
K3RMB	7,685	145	53	PA	
N3WD	5,612	92	61	MD	
K3TN	5,160	86	60	MD	
N3XL	5,060	110	46	MD	
KE3ZT	3,441	93	37	PA	
KF3EB	3,116	76	41	PA	
W3BUI	1,666	49	34	MD	
N3RM	1,590	53	30	PA	Cornwall 1
KC3KFW	1,377	51	27	PA	
WA3AAN	1,320	44	30	PA	

K3NDM	805	35	23	MD	
N8GU	330	22	15	PA	
N3RUM	165	15	11	PA	
K7SV	129,404	748	173	VA	
N4ZZ	110,514	678	163	TN	SWACC #1
W4GKM	106,848	742	144	TN	SWACC #1
N4IQ	85,680	560	153	SC	SWACC #1
K4WW	70,642	494	143	KY	KCG
ND4Y	65,661	509	129	KY	KCG
WV4P	62,125	497	125	TN	Deep Dixie CC Team Elvis
NR4O	61,046	466	131	NC	Team PVRC
W4PK	60,348	428	141	VA	
K4XL	40,003	367	109	VA	
AA4LR	37,604	316	119	GA	
N4GU	37,584	348	108	NC	
W4PJW	37,510	341	110	VA	Shenandoah Valley Wireless
KC4WQ	37,206	318	117	KY	KCG
K4MI	37,200	310	120	VA	
KE4KY	34,270	298	115	KY	KCG
WA5POK	33,602	317	106	TN	
AA4DD	33,275	275	121	TN	Bristol Thunderstorm
K4GMH	32,153	407	79	VA	
N4UA	31,824	306	104	VA	
W4LC	31,790	289	110	KY	KCG
W1GKT	31,482	297	106	AL	
KU4A	31,472	281	112	KY	KCG-PT
W4VIC	30,495	285	107	VA	Team PVRC
W4CU	28,392	273	104	FL	THREE FIFTHS
WX4W	27,552	246	112	KY	KCG-PT
AD4TJ	27,141	249	109	VA	Shenandoah Valley Wireless
K8ARY	26,728	257	104	SC	
K4BX	19,800	198	100	TN	
AF2T	16,320	192	85	VA	
AA2MF	14,381	197	73	FL	THREE FIFTHS
NS4X	14,049	223	63	TN	
N4ETC	13,588	158	86	NC	
WB4YDY	12,696	184	69	TN	
N5SMQ	11,407	187	61	VA	Shenandoah Valley Wireless
KM4FO	11,388	146	78	KY	KCG-PT
K3WA	11,020	190	58	NC	Team PVRC
W4UK	10,374	182	57	SC	
W4GO	10,230	165	62	VA	
K4PZC	10,004	164	61	VA	Shenandoah Valley Wireless
K4FTO	9,313	139	67	VA	
NC4MI	9,230	130	71	NC	
KK4R	8,228	121	68	VA	
W4GHV	7,986	121	66	NC	
WA4IPU	7,680	120	64	FL	
W4BCG	6,832	122	56	TN	
K2MK	6,448	104	62	FL	
NF4J	6,138	99	62	AL	
KT4O	5,940	108	55	TN	Bristol Thunderstorm
KO8V	5,564	107	52	VA	
AB4IQ	5,400	100	54	KY	KCG-PT
NR4C	5,040	90	56	VA	

KA4CDN	4,700	100	47	VA	
N4TT	4,450	89	50	VA	
K4LPQ	4,418	94	47	TN	Bristol Thunderstorm
N4MM	4,290	78	55	VA	
KM4F	3,675	75	49	GA	
NN4RB	3,525	75	47	VA	
K2AV	3,120	80	39	NC	
WJ4HCP	2,814	67	42	TN	
N8AID	2,688	64	42	VA	
KS4YX	2,592	72	36	SC	
K4DZR	2,574	66	39	TN	
A14WW	2,380	68	35	FL	
K4SBZ	2,304	64	36	FL	
NI7R	2,220	60	37	SC	
AA5JF	2,146	58	37	GA	
AA4CF	1,856	64	29	GA	
K2WK	1,820	52	35	VA	
NZ6T	1,750	50	35	VA	
WC4D	1,740	58	30	KY	KCG-PT
N3CKI	1,316	47	28	NC	
N4NT	1,080	40	27	TN	Bristol Thunderstorm
KK4GC	1,014	39	26	NC	
WB4MM	875	35	25	FL	
KD4YDD	703	37	19	GA	
NQ4K	551	29	19	VA	
*N4KXO	483	23	21	FL	
KW1K	450	25	18	FL	
KI4SP	418	22	19	AL	
N2QT	350	25	14	VA	
N9OU	342	19	18	FL	
N4EN	300	20	15	FL	
N4AU	270	18	15	AL	
W3YY	176	16	11	VA	
WA4TMJ	36	6	6	VA	
NN5O	56,990	410	139	MS	Deep Dixie CC Team Elvis
AD5XD	53,504	418	128	TX	DFWCG Space
N5ZC	40,269	433	93	TX	The Borg
N5KWN	33,229	329	101	TX	
AC4CA	32,118	303	106	TX	
WB5BHS	31,540	332	95	AR	
NT5V	30,179	293	103	TX	
KG5U	22,176	224	99	TX	TDXS
WB5TUF	21,321	207	103	TX	TDXS
WB5K	18,490	215	86	TX	DFWCG Space
W5UE	17,510	206	85	MS	
K5RZA	14,320	179	80	TX	
KC5WX	13,244	172	77	TX	Texoma Contest Club
KD5ILA	12,240	170	72	AR	
WQ5L	12,075	161	75	MS	SWACC #2
KD2KW	12,000	160	75	TX	
W5VQ	10,653	159	67	TX	Texoma Contest Club
N5WNG	10,064	148	68	TX	Texoma Contest Club
W4EIS/5	9,744	168	58	TX	Texoma Contest Club
W5DCC (NK5G)	9,638	158	61	TX	TDXS
WB0TEV	8,840	136	65	TX	DFWCG Space

KN5S (K5WW)	8,745	159	55	TX	
N5XE	8,382	127	66	OK	
WA5LXS	7,437	111	67	TX	DFWCG Mark
NK5P	5,985	105	57	TX	
*W5LA	4,956	84	59	LA	
K5MM	3,588	78	46	TX	
N5EKW	3,420	76	45	TX	
WW5DX	3,381	69	49	TX	
AJ4F	3,300	75	44	TX	TDXS
K5TBA	3,225	75	43	NM	
N9JYJ	3,124	71	44	OK	
KD5J	2,345	67	35	AR	
AE5P	1,624	58	28	TX	
AA5AU	1,550	50	31	LA	
N5RLM	1,484	53	28	LA	
AB5XM	1,000	40	25	TX	
KE5OG	924	42	22	TX	
KG5LRP	690	30	23	TX	
K5VOP	630	35	18	TX	
KG5SW	609	29	21	TX	
W3RZ	56	8	7	TX	TDXS
N5AAS	0	0	0	MS	
K6DAJ (@W6YX)	75,392	589	128	CA	NCCC Team #1
N6WM	61,776	468	132	CA	Pizza Lovers 259
W9KKN	58,032	496	117	CA	Pizza Lovers 259
N6IE	53,788	476	113	CA	NCCC Team #1
KI6RRN	50,456	476	106	CA	SCCC #1
K6TD	45,472	406	112	CA	Pizza Lovers 259
W6EU	41,406	402	103	CA	NCCC Team #1
K6TU	40,737	367	111	CA	Pizza Lovers 259
AF6SA	39,216	344	114	CA	NCCC Team #3
K6MR	38,081	337	113	CA	NCCC Team #3
NC6K	32,883	339	97	CA	SCCC #2
WN6K	27,249	293	93	CA	SCCC #1
KH6ZM	25,824	269	96	KH6	
KI6VC	22,244	268	83	CA	SCCC #1
WQ6X	21,976	268	82	CA	SCCC #1
K6JO	21,331	257	83	CA	SCCC #1
WA6I	14,508	186	78	CA	SCCC #2
KM6Z	12,950	185	70	CA	
KW6S	12,744	177	72	CA	
AE6JV	11,375	175	65	CA	NCCC Team #2
NN6NN (W6XK)	11,152	164	68	CA	
W6RC	8,624	154	56	CA	NCCC Team #2
ND2T	8,436	148	57	CA	
W6SX	7,353	129	57	CA	NCCC Team #4
KE6SHL	6,588	122	54	CA	
W6IA	4,802	98	49	CA	
KF6RY (W6ZL)	4,640	116	40	CA	SCCC #2
AG6AG	4,608	96	48	CA	Ventura County Digital Guild
W6RKC	4,557	93	49	CA	NCCC Team #3
NA6O	4,545	101	45	CA	NCCC Team #2
N6HE	4,494	107	42	CA	SCCC #3
KM6I	4,116	98	42	CA	NCCC Team #4
W6JBR	4,050	90	45	CA	

K6HGF	3,960	99	40	CA	
AG6AY	3,520	80	44	CA	Ventura County Digital Guild
KA6WKE	3,321	81	41	CA	
NK6A	2,850	75	38	CA	
K6MUG	2,211	67	33	CA	SCCC #2
W6OQI	2,065	59	35	CA	
N6EE	1,914	58	33	CA	NCCC Team #2
AA6MK	1,696	53	32	CA	
KA6W	1,204	43	28	CA	NCCC Team #5
NW6P	1,148	41	28	CA	
K6MM	850	34	25	CA	
WA6URY	816	34	24	CA	
AE6XC	768	32	24	CA	
W1SRD	480	24	20	CA	NCCC Team #5
KD6HOF	448	28	16	CA	
AB6ET	190	19	10	CA	Ventura County Digital Guild
N6REK	108	12	9	CA	
K9JM	80	10	8	CA	NCCC Team #5
NF6A (K6XX)	25	5	5	CA	NCCC Team #5
KH6GMP	21	7	3	KH6	
*N6FSH	16	4	4	CA	
KK6L	1	1	1	CA	
K7A (WK6I)	77,696	607	128	NV	NCCC Team #1
K8IA	75,477	543	139	AZ	Arizona Outlaws Sharpshooters
K7RL	50,304	384	131	WA	
W7CXX (WA7LNW)	42,090	366	115	UT	Arizona Outlaws Sharpshooters
K7TQ	34,553	317	109	ID	SWACC #1
KR7X	33,100	331	100	OR	
N7GP	30,300	303	100	AZ	Arizona Outlaws Sharpshooters
N9NA	28,906	298	97	AZ	Arizona Outlaws Sharpshooters
KL7SB	28,449	327	87	KL7	
W6RW	25,839	297	87	AZ	Arizona Outlaws Sharpshooters
*NN7SS (K6UFO)	24,582	241	102	WA	NCCC Team #3
W7VXS	20,584	248	83	WA	
WS7V	18,404	214	86	WA	
WU6W	18,144	216	84	NV	NCCC Team #4
W7ZR	18,122	221	82	AZ	Arizona Outlaws Gamblers
K7VAP	12,663	201	63	WA	
KJ9C	10,586	158	67	MT	SMC Team Saturn V
W7CT	8,120	145	56	UT	Arizona Outlaws Gamblers
KD6TR	8,040	134	60	WA	
K7AZT	7,336	131	56	AZ	
K7XC	5,775	105	55	NV	NCCC Team #2
KB7N	5,336	92	58	WA	
W7WHY	5,198	113	46	OR	
WB7CYO	3,404	92	37	ID	
K7MY	2,944	64	46	AZ	
WA7YAZ	2,312	68	34	UT	
N1JM	2,310	77	30	AZ	Arizona Outlaws Gamblers
K6DGW	2,088	72	29	NV	
KF7U	1,972	58	34	AZ	Arizona Outlaws Gamblers
N9ADG	1,767	57	31	WA	
AG7CC	1,550	50	31	ID	
W7PU	1,300	50	26	WA	
KU7Y	1,242	54	23	ID	

KG7VIZ	1,200	48	25	WA	S M Rockets
K7RBT	1,140	38	30	OR	
WG7X	1,035	45	23	WA	
KF7GMV	935	55	17	ID	
KE7GKI	799	47	17	AZ	
N7JI	756	42	18	OR	
KB7AK	726	33	22	WA	
AD7OG	480	30	16	OR	
N7WY	280	28	10	WY	
K7JQ	228	19	12	AZ	
*N6HI	60	12	5	AZ	
W7FZY	1	1	1	WA	
ND8L	62,646	394	159	OH	
K8RGI	33,109	293	113	OH	
N8AA	32,523	293	111	OH	
N8FYL	30,140	274	110	MI	
KM8V	20,482	266	77	OH	
WA8KAN	19,292	212	91	WV	
*AA8OY	17,355	195	89	OH	
K8BL	9,306	141	66	OH	
W8WTS	6,850	137	50	OH	
WQ8Q	6,160	112	55	OH	
WB8JUI	5,824	112	52	OH	
K9NW	5,405	115	47	OH	I-guana go to the TTY Bar
KI8B	4,900	100	49	OH	
N8RY	3,920	98	40	MI	
K8GT	3,666	78	47	MI	
K8ESQ	3,572	76	47	MI	
*KI9S/8	3,036	69	44	OH	Cornwall 1
AB8OU	2,262	58	39	OH	
AA8SW	1,944	54	36	OH	
W8AKS	1,457	47	31	WV	
K8MU	1,222	47	26	MI	
AF8A	304	19	16	OH	
KD8UPX	56	8	7	OH	
K9CT	136,675	781	175	IL	SMC Team Armstrong
N9CK	125,802	723	174	WI	SMC Team Armstrong
K9WX	120,360	680	177	IN	
WT9U	113,568	672	169	IN	SMC Team Armstrong
AI9T	104,320	652	160	IL	SMC Team Armstrong
K9NR	101,870	610	167	IL	SMC Team Armstrong
N7US	100,130	589	170	IL	
ND9G	72,846	513	142	IL	SMC Team Aldrin
AC9KW	61,577	443	139	IL	SMC Team Aldrin
WB8BZK	47,752	376	127	IL	SMC team Eagle
AJ9C	46,018	346	133	IN	I-guana go to the TTY Bar
WW9R	44,528	368	121	WI	SMC Team Cape Kennedy
WB9HFK	37,200	300	124	IL	SMC Team Collins
N9TF	35,226	309	114	IL	SMC Team Sea of Tranquility
KT9L	33,674	298	113	IN	SMC Team Aldrin
AA9L	33,152	296	112	WI	S M Rockets
K9IG	32,857	319	103	IN	SMC Team Columbia
N5RP	30,368	292	104	IL	SMC Team Lunar Landing
N9WG	30,208	256	118	IN	SMC Team Moon Shot

KK9N	29,493	261	113	IL	SMC Team Columbia
WB9TFF	27,768	267	104	WI	SMC Team Collins
WT2P	27,456	264	104	IL	SMC Team Collins
K9QQ	22,119	219	101	IL	SMC Team Moon Shot
WB9TFH	20,710	218	95	WI	SMC Team Columbia
N9LQ	20,448	213	96	IL	SMC team Eagle
N9WEW	19,190	202	95	IL	SMC team Eagle
K9CW	18,612	188	99	IL	SMC Team Lunar Landing
KC9EOQ	17,664	192	92	IL	SMC Team Apollo 11
K9SE	17,072	194	88	IN	
KW9U	17,005	179	95	IL	SMC Team Moon Shot
W9LU	16,745	197	85	IN	
W9ILY	16,669	211	79	IL	Metro Marauders
K9DUR	16,464	196	84	IN	SMC Team Sea of Tranquility
K4FN	14,964	174	86	IN	
N2BJ	14,552	214	68	IL	
WD9CIR	12,036	177	68	IL	
K9LC	11,400	152	75	IL	SMC Team Cape Kennedy
N9VPV	11,023	151	73	IL	SMC Team Apollo 11
NJ9R	10,920	168	65	IL	SMC team Eagle
NR9K	10,360	140	74	IL	
W9KG	10,080	180	56	IN	
KC9K	9,900	150	66	IL	SMC Team Sea of Tranquility
WB9DAR	9,180	135	68	IL	
KB9S	8,576	134	64	WI	SMC Team Lunar Landing
NT9E	7,560	108	70	IL	SMC Team Sea of Tranquility
KB9DVC	7,410	114	65	IL	
W9XT	7,371	117	63	WI	SMC Team Apollo 11
W9OA	7,316	124	59	IL	Metro Marauders
NS9I	7,095	129	55	WI	
N9FN	6,200	100	62	IN	
K9MMS	6,160	112	55	IL	SMC Team Saturn V
W9RE	5,880	98	60	IN	SMC Team Collins
K9PY	5,782	98	59	IL	Metro Marauders
K9GY	5,616	108	52	IL	SMC Team Apollo 11
KD9MS	5,304	104	51	IL	
N9IO	5,292	108	49	IL	
K9IJ	5,040	90	56	IL	
N9PUZ	4,845	95	51	IL	SMC Team Cape Kennedy
WB8RFB	3,600	75	48	IL	SMC Team Cape Kennedy
KC9TZO	3,526	82	43	WI	S M Rockets
KI9A	3,420	76	45	IL	
WA9IVH	3,234	77	42	IL	
KE9V	2,400	60	40	IN	
NA9RB	2,135	61	35	IL	
*AI9K	1,924	52	37	IL	
K9PG	1,862	49	38	IL	I-guana go to the TTY Bar
AD9I	1,767	57	31	IL	SMC Team Sea of Tranquility
KE0L	1,632	48	34	IL	
WE9V	1,584	44	36	WI	SMC Team Moon Shot
N9SJ	1,440	48	30	IL	
W9IZ	1,421	49	29	IN	I-guana go to the TTY Bar
N9LF	868	31	28	IN	
N4TZ	558	31	18	IN	
N9TR	483	23	21	IL	
K9EL	345	23	15	IL	

K9KE	294	21	14	IL	
WI9WI	228	19	12	WI	
AB9M	221	17	13	IL	
KR9U	63	9	7	IN	SMC Team Columbia
WA0JTL	60	10	6	IN	
*W9NXM	4	2	2	IL	
*N9EP	1	1	1	IL	
AC0C	111,910	722	155	KS	The Borg
KI6DY	84,388	578	146	KS	
W7RY	70,006	493	142	MO	The Borg
KE0HQZ	68,640	528	130	SD	
K0WA	63,888	484	132	KS	Deep Dixie CC Team Elvis
AB0S	63,450	470	135	KS	Deep Dixie CC Team Elvis
K0AD	52,932	401	132	MN	MWA # 2
N0GZ	52,875	423	125	IA	
N0AT	40,320	336	120	MN	MWA # 1
KI0I	37,296	333	112	MO	The Borg
WB9QAF	36,176	323	112	NE	
AA0FO	30,345	289	105	KS	The Borg
NX0I	29,120	364	80	MO	
WB0N	27,390	249	110	MN	MWA # 1
WR0H	22,892	236	97	MO	SMC Team Aldrin
W0MB	22,446	258	87	MO	
AA0AW	21,952	224	98	MN	MWA # 2
W0DC	21,476	236	91	MN	MWA # 1
K0TLG	17,472	208	84	MN	MWA # 1
N0TA	15,403	211	73	CO	Grand Mesa Contesters
N0UBL	14,190	215	66	MO	
NW0M	13,790	197	70	MO	
K0PC	7,860	131	60	MN	
WA0LJM	7,021	119	59	MN	
WZ0W	6,731	127	53	MO	SMC Team Columbia
W0UY	6,710	110	61	KS	
WS0I	6,386	103	62	KS	SMC Team Lunar Landing
K0VG	5,992	107	56	MN	MWA # 2
K0MPH	5,964	142	42	MN	
WA0LIF	5,049	99	51	MN	
AD0TZ	2,886	74	39	KS	
N0UX	1,740	58	30	CO	
NQ0M	1,428	51	28	KS	
N0BK	1,269	47	27	MN	
KA0RID	1,161	43	27	KS	Whackers
KF0UR	1,080	54	20	CO	Grand Mesa Contesters
W0YJT	950	38	25	KS	
NY0J	912	48	19	MO	
AC0W	435	29	15	MN	MWA # 2
*W6GMT	364	26	14	MN	MWA # 1
KD0WUQ	224	16	14	ND	
K0CV	35	7	5	MN	
KJ0P	9	3	3	MN	
N0LLH	4	2	2	KS	
VE3JI	54,264	408	133	ON	
VA3DF	43,585	379	115	ON	
VE3RZ	32,107	331	97	ON	

VE3PJ	32,017	317	101	ON
VE3TW	24,990	294	85	ON
VE3FH	18,396	219	84	ON
VE7KAJ	6,720	120	56	BC
VE7IO	4,536	108	42	BC
VE3SST	3,096	72	43	ON
VE3XD	1,632	48	34	ON
VE5MX	1,150	50	23	SK
VE3PQ	570	30	19	ON
VA1XH	442	26	17	NS
VA3FF	414	23	18	ON
*VE3KJQ	176	16	11	ON
*VA3PCJ	4	2	2	ON
HP3SS	5,170	110	47	HP
CM8NMN	4,160	104	40	CM
CO8IH	2,550	75	34	CM
TM6M (F1AKK)	13,783	179	77	DX
CT3HY	374	22	17	DX
TA3ON	0	3	0	DX

“*” = QRP

Multi-Two Scores

Call Sign	Score	QSOs	Mults	QTH	Operators
NV9L	208,224	964	216	IL	NV9L, WB9Z
N0NI	180,600	903	200	IA	K0GR, K0KD, N0NI, N0XR, NU0Q, W0BNW, W0YR
AB8M	144,800	800	181	OH	AB8M, KB8O, NQ8O
N3QE	112,344	604	186	MD	N3QE
NX5M	97,382	667	146	TX	NX5M
KB3VQC	89,046	582	153	MD	AC3BU, K3MTR, K6ZO, KB3VQC, KG4USN, KM4ND, WA3EKL
K8BF	60,393	491	123	OH	K3GP, K8IV, K8YLK, KB8AMZ, KB8TUY, N8QE, W8AHC, W8NET, W8PT, WA8US, WB9LBI
K9ZO	54,849	389	141	IL	K9ZO, N7MB
W9AV	52,640	376	140	WI	W9AV
N5HC	50,400	420	120	NM	N5HC
W4JAM	46,898	358	131	VA	W4JAM
W4AAW	41,360	376	110	VA	W4AAW
AB3CV	38,376	312	123	MD	AB3CV
AA3S	37,376	292	128	MD	AA3S
N4CF	35,380	305	116	VA	N4CF
AB9YC	34,706	259	134	IL	AB9YC
K3CCR	32,144	287	112	MD	N3UM, W3GB
W9PA	31,790	289	110	IN	W9PA
W4MLB	30,772	314	98	FL	AF4Z, KE0NRY, KK4ZWC, N1ZZ, N5GNA, N8KN, W4EE, WB5ZGA
KS4Q	26,125	209	125	VA	KS4Q
KJ4M	23,970	255	94	AL	KJ4M
ZF1A	21,675	255	85	ZF	ZF2GO, ZF2MB
W4TA	21,465	265	81	FL	KB8ESY, KP2N, KR4U, N2ESP, N4GD, NY4I, WA4EEZ
AB1J	20,976	228	92	MA	AB1J
W7II	19,747	217	91	IA	W7II
VE7SAR	16,050	214	75	BC	VA7XB, VA7XH, VE7SSD
W1IE	15,399	177	87	VA	W1IE
K4JKB	13,588	172	79	VA	K4JKB
NR4M	12,508	236	53	VA	CATHERINE, HAYDEN, KN4DEB, NR4M

AE1T	11,023	151	73	NH	AE1T
WM3T	10,875	145	75	VA	WM3T
WA7CPA	9,834	149	66	WA	KJ7GIA, WA7CPA
VE2CSM	9,676	164	59	QC	VE2CSM
W9FFA	9,432	131	72	IN	W9FFA
K4GM	9,300	124	75	VA	K4GM
KB4KBS	8,940	149	60	GA	KB4KBS
AA0O	8,778	133	66	FL	AA0O
K4XY	8,410	145	58	VA	AK4AO, K3NHT, K3US, K6BFA, KK4DAS, KM4RDS, KM4UDX, W2WCM, W4DDT
K5ZQ	7,320	120	61	KY	K5ZQ
VE2EBK	6,032	104	58	QC	VE2EBK
W3UL	5,814	102	57	MD	W3UL
W1UJ	5,568	96	58	MA	W1UJ
KS4X	5,200	80	65	TN	KS4X
W3GVX	5,088	106	48	MD	W3GVX
K4P	4,968	108	46	AL	AA4YL, KA4PKB
N0GOS	4,944	103	48	CO	N0GOS
WB4HRL	4,900	98	50	SC	WB4HRL
W7CO	4,140	92	45	OR	W7CO
KD4S	4,000	80	50	SC	KD4S
W4EE	3,870	86	45	FL	W4EE
W3FA	3,420	76	45	MD	W3FA
NA1LZ	2,993	73	41	IL	NA1LZ
W3LL	2,842	58	49	MD	W3LL
VE2PI	2,800	80	35	QC	VE2PI
W1FSH	1,984	64	31	MA	W1FSH
K5VIP	1,855	53	35	VA	K5VIP
K2AL	1,344	42	32	NJ	K2AL
KC9EE	861	41	21	IL	KC9EE
KS0AA	740	37	20	KS	KS0AA
N5YJZ	684	38	18	CA	N5YJZ
W4AQL	684	36	19	GA	KN8U
N5KB	476	28	17	IA	N5KB
N3PKJ	475	25	19	PA	N3PKJ
KE5LQ	399	21	19	TX	KE5LQ
W4ER	154	14	11	AL	W4ER
WN8Y	130	13	10	TN	WN8Y
W4CDA	117	13	9	KY	K3KZU, K4FT, KA4SWT, KF4FMQ, KG4UQL, KJ4ND, KY4KD
N6FUB	9	3	3	CA	N6FUB

Check Logs:

AE7JW, AG5S, K5PI, K6TET, KB1GKN, KB1W, KH6TU, KL2R, N4ZR, N7XCZ, NI8Z, NN4SS, W4TM, W4UT, W6MOB