

Results, January 1996 CW North American QSO Party

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The January '96 CW NAQP was a big hit in spite of lousy band conditions. As many of the soapbox comments reflect, conditions during the CW weekend seemed to favor the low bands, and the higher bands seemed to be better on the SSB weekend. There were 200 CW entries this time. Almost half of these (over 75) were received through Internet submissions. The number of logs submitted has grown about 25% over the last two years. I took a look at the number of different calls that showed up in the logs of the top 10 single ops and found that a substantial number of people simply don't bother submitting a log. Some of these people actually make a fairly large number of QSOs as well. I'd like to know how to improve this situation; if anyone has any suggestions, let me know. Perhaps it's due to the highly "social nature" of the NAQP. As N0AX says in his soapbox comments, "The NAQP is the friendliest contest around."

Making yet another showing as single-op champ is Bill, KM9P, followed closely by NM5M and N4BP. Bill had the most QSOs, but Tyler, KF3P, led the pack in multipliers with 205. I'm amazed at how well some people do in the multiplier area. I think it's primarily due to the surge in popularity of a key operating technique—single-op/two-radio. Many people are jumping on this band wagon. In fact, most of the top 10 single ops were using a second radio for multiplier hunting. What plans do you have for improving your scores? If you are maxed out in the antenna farm domain, give a second radio a try. Many ops have reported a 20% or more increase in their scores with an inexpensive second radio and multiband vertical!

In the multiop category, top honors went to the team of K7UP and KN5H. There was good competition this time for single-op combined scores. Even though Larry, WZ4F, managed to make the top 10 in both modes, Dave, K6LL, had enough points to edge him out for the top combined score.

The team competition this time consisted of 25 preregistered teams, and competition was very good. The TACOs came out on top followed by the FRC and the SCCC #1 team. I'm not sure which is getting more interesting, the nicknames that operators are using or the names of their teams! State teams are gaining popularity with teams from six different states registered this time.

Well, that wraps up this contest. I thank those who continue to participate and support the NAQP. As always, please remember to submit your logs by the stated deadline and include all required information. If you have comments or questions about the NAQP, please direct them to me at my Internet address or my snail mail address listed in the front of your *NCJ*. Hope to get you on six bands in August!

CW Soapbox

A pleasure as always to work so many terrific ops in such a fun contest. Kudos to W9NQ for his support of the contest...K7SV. Accidentally slept through the first half hour of the contest. Got skunked on 10...N6KI. Always enjoy this contest. It is a great way to monitor my improvement in operating skill from year to year. This year had more contacts but fewer multipliers. The high bands were significantly worse than previous years. But the low bands made up for it. Sure wish I had something, anything, for 160. Enjoyed participating as part of my team (LIMARC)...N2LSK. Another great contest! My score was down from last year, but still had a good time...N3IXR. Appears to have been a low band contest. Without 80 or 160 it was pretty thin. Must have missed the brief 15-meter opening at the start. Good to work so many familiar calls...W5ASP. Band condx poor. QRN on 40 the worst I've had in a long time...WT8P. Conditions basically sucked again. 20 played like 10, 40 played like 20, and so forth. C'mon spots!...W8FN. Conditions were lousy, but had a good time. Was a good contest to practice using two radios. Need lots of practice!...K1IU. Conditions were poor from SD this time. Couldn't compete and many QSYs to other bands. See you next time ...WD0T. Conditions were terrible!...KK7A. Didn't have time to operate during this con-test. Was surprised that 15 was so lousy...WA7BNM. Even with flat conditions, it's the friendliest contest around. 160 and 80 really came alive out here in the final 90 minutes. Nice to work coast-to-coast on Top Band. K5ZD had the only New England signal I heard on 160. What happened to Alaska and Hawaii? Pretty tough!...N0AX.

First NAQP ever and first CW contest in two years. Won't do another until I get an antenna up for 10/15/20 and am able to compete with the "Big Boys." Had lots of fun! I think that SC is rarer than a real KP4! Didn't work my own state except on 80. Had a 98 rate on 80 meters from 0000Z-0059Z!...KP4XS. First NAQP in a while. Not so sure about my time management. I didn't hit 40 hard enough. 20 just never did what I expected...K3WW. Fun contest. One of my first at home. Was nothing like operating at W0AIH. Not a bad score for a teenager...AA9OC. Great contest. CU in August!...NM5M. Great contest. Not the best of conditions, but did improve toward the end. CU again next time...WA2BQI. Great fun, just poor conditions...K7NPN. Had a ball...N2KPY. Had fun doing the QSO

Party QRP with an Index Labs QRP Plus rig and an 80-foot off-center dipole. Didn't set any records, but still had fun...WD9IAB. Had rig problems four hours in...don't it figure! That took care of my down time. Participate most years to some degree but this is my first log submission. Enjoyed the contest, thanks for the opportunity...VE3LNS. High point was getting SC, PR, and XE in the log early. Low point was almost everything else! No KL7, KH6 or VY1 heard at all. Not many VEs either. Had to see if my antenna was connected!...AB6YL. I fought the noise, and the noise won!...AF8A. I had a wonderful time operating. I beat last year's score by over 100 Qs. Next year I'll be over 400. Thanks to all who I worked...KG8PE. I hope we never get to playing the "funny name game" with this contest. It's too good to spoil...KB5UL. I really miss my old QTH. A 150-foot building on which to hang my antennas, including a dynamite 160 inverted V. For now that will have to remain a dream. I just got married and will be a father soon, so there are other priorities. But I hope to be handing out the XE mult as much as possible...XE1/AA6RX.

I would like to see the NAQP follow the lead of other major contests and have a QRP category. At least indicate in the results who was running QRP...K3WWP. If it weren't for the 4 feet of snow on the ground, I'd have gone out to see if all my antennas fell down. First attempt at running two radios, mostly a minor disaster due to being unable to fix a networking problem in time, so did all the logging on main computer. I'm very glad to report I didn't fry a front end by forgetting and changing bands on the computer while sending on rig #2. But I sure did get things fouled up from time to time!...WF3T. It was a great contest. Imagine what it would be like with all six bands working!...AA9AX. It's difficult to work NA contests with no 80 or 160-meter antennas. But, I still had a great time in this contest; thanks to all the locals who moved to 15 and 10 meters. 40 seemed to die about 0000Z or maybe everyone just QSYed to 80 then...W3GOI. Long skip killed east coast to the north. Should have gotten on earlier...K4PQL. Long skip on 40 and 20 sure doesn't help the midwest...K9MA. Lots of fun!...WA7ADK. My first NA contest and the bands stunk! Maybe next time...WA0RPI. My first NAQP with 160; must implement changes to do better. CW contests are like music to my ears; like a long rock and roll concert. Go TCG! Climbing that stairway to heaven...WA6KUI. My second full effort in the NAQP. This contest is a *lot* of fun. 10 and 15 were a washout from here. I went to 40 at 1930Z as 20 seemed too dry...WR3O. My typical NAQP: Squeeze in as many minutes as I can in between other activities. Seemed to be good activity...N6TR. Never thought I would have more Qs and mults on 160 than I had on 20. Twenty was terrible for the antenna impaired (all band wire antenna is the extent of my farm). Could hear the West Coast stations working into the Midwest and Central states, but I couldn't hear anyone. I expect that scores will be down some. Maybe a winner from the West Coast...KD0AV. Not real happy with my results. After all the antenna work last summer, I really expected to do better. Looks like I have some plans to make for the Spring. 10 was dead, 15 had one foot in the grave, and 20 was heading that way! Low bands were good and I think I finally found a respectable 160 antenna that sets up in less than five minutes for the contests...W8YRS.

Of course 10 didn't exist. But it was surprising that 15 was so bad. I worked everyone I heard on 15, but I only heard 15 stations. I spent so much time looking for an opening on 15 in the second hour that my rate dropped in half. What a mistake. 20 didn't seem so hot either. I took my off time early but that also hurt me since the low bands were also not too hot!...AB6FO. Only a few hours to operate, but it was fun while it lasted...W4YDD. Pretty good band conditions. Balanced (time wise) over all three bands...W5NR. Ran the contest while mobile in Florida...W1WEF/Mobile 4. Some of the names get more inventive with each NAQP...N8AAT. Thanks for the great contest, and for all the log checking!...WA7VNI. Thanks to everyone with the patience to copy my horrible hand-sent CW. Looks like I need practice with the keyer...AA4LR. Thanks to Will, AA4NC for the use of his station. Will was out of town, so Murphy took the opportunity to strike. I had problems getting Will's computer to key the rigs, and I had problems with the mixer board that provides the audio for each rig. I finally drove back home and got my ThinkPad and used it for logging and keying the rigs. Because of all the problems, I didn't get started until 1930Z. But even with all the problems, I'm very disappointed in my score. I should have done much better from this station. During the test, I thought maybe it was just conditions, but when I saw all the great scores posted on the net, I realized that I really stunk again. I guess that I'm still not a really good CW contester. As WB5VZL says about himself, maybe someday I'll learn the code and learn what it takes to do really well in a CW test. As always, it was fun...AA4NC (K14HN). The bands weren't good here, but I had fun anyway. Looking forward to the next one...KG0KR. The HOA Board reported our delta loops to the county road supervisor who sent a bucket truck to remove the supporting string from the county tree...AE0M. This is the first time I have entered in the CW NAQP. Was quite a mess as I was trying to work the Kentucky QSO Party and the Michigan QRP Club CW Contest at the same time. Finally gave up and read a book!...K4UK. This was my first NAQP. Thought my results on 20 were poor, but when I saw some of the other scores I didn't feel so bad. Sure enjoyed the contest and the CW practice...KO4EW. This was the first time that I entered the contest, and I had a great time. I got a late start so I didn't have much on 10, 15 or 20...K3ATO. TNX much for another fun contest. Improved my 160 score but had to hike through 2 feet of snow to clip on the extensions to my 80-meter dipole! Does wake you up!...AA3HM. Tremendous low band conditions. Thought I'd run out of people to work on 80, but they just kept on coming...KC4ZV.

Using only dipole antennas here. I was struggling until the crowds QSYed to the lower bands. Then smiles as I was able to get close to my best effort. Especially with low sun-spots, no Yagis and a decrepit operator...N8NA. We need to get more participation from New England!...W1KM. What a blast! Forgot how much fun this was or would have operated full time. Best part is moving guys from

band to band. Bands were very long until last 30 minutes. Then 40 shortened up and really helped the rate. New Mass record. Contest must be growing. Set record in full 10-hour effort in 93 (single radio). Increased record by another 50% in 8:30 this time (two radios)...K5ZD. What a fun contest! My homebrew "no-gain" antenna farm leaves a lot to be desired on the high bands, but seemed to play well on 40 and 80. Biggest surprise was 160, and I don't have a 160 antenna! I never would have thought that shorting the coax on my 40-meter dipole and matching it with a tuner would let me work any further than the next county. I still can't believe 57 Qs and 30 mults. Heck, I did better on 160 than I did on 20 and 15 combined! I can't wait for the Spring and Summer so I can finish the tower and get the TH6 put on top of it!...KD5PJ. What a great contest! Enjoyed it greatly despite my limited operating time. Low power, short exchange and short duration are just right. This was my first NAQP but definitely not my last...N2EY. Worst conditions I've seen in years for a domestic contest. 40 was already almost too long by the time I got on. I need higher radiation angle antennas for this contest...AK0M.

Top Ten

Call	Score	Qs	Mults	10	15	20	40	80	160	Team
KM9P	165,966	834	199	5/5	30/18	111/43	300/51	241/46	147/36	Rednecks 2
NM5M	156,579	779	201	3/1	7/3	146/44	314/57	180/51	129/45	TACO
N4BP	150,150	825	182	1/1	31/21	283/51	319/50	138/38	53/21	FCG
N4ZZ	145,980	811	180	5/1	16/11	83/29	262/49	262/49	183/41	TCG #1
KF3P	144,115	703	205	13/9	45/26	140/42	222/50	163/42	120/36	PVRC
K5GA	143,748	726	198	1/1	17/10	225/52	268/53	134/47	81/35	
KZ2S	140,499	699	201	13/9	27/18	129/47	224/50	172/42	134/35	FRC NERDS
WZ4F	130,910	689	190	2/1	18/10	111/39	185/51	236/47	137/42	Alabama #1
K5ZD	130,845	671	195	11/9	31/19	119/43	244/48	173/44	93/32	Rednecks #3
AA4GA	128,984	701	184	1/1	33/20	62/25	196/50	245/47	164/41	Rednecks #1

Top Five Single Operator Combined Scores

Call	CW Pts	SSB Pts	Total Pts
K6LL	376	500	876
WZ4F	394	459	853
AA5WQ	315	409	724
AC1O	324	342	666
NA5Q	301	288	589

CW Team Scores

Texas Association of Contest Ops

NM5M	156,579
WX0B	100,890
NA5Q	99,820
WB5B	91,743
N6ZZ	84,309
Total	533,341

Frankford Radio Club NERDS

KZ2S	140,499
WA2SRQ	108,595
K3WW	103,761
AA3B	80,661
WN3K	69,455
Total	502,971

Southern California Contest Club 1

K6LL	124,709
W6EEN	101,916
W9NQ	89,352

AB6FO	82,680
N6KI	64,629
Total	463,286

Rednecks 2

KM9P	165,966
KP4XS	78,537
NX1H	75,240
N0AX	60,784
N4TQO	38,610
Total	419,137

5. Tennessee Contest Group 1 (N4ZZ, K0EJ, WR3O, WA6KUI)	404,099
6. Florida Contest Group (N4BP, K1ZX, AC1O)	384,841
7. Potomac Valley Radio Club (KF3P, K7SV, WA3WJD, AA3HM, WW3V)	360,826
8. Team Alabama 1 (WZ4F, KC4ZV, N4YOS, K4IQJ)	359,115
9. Rednecks 1 (AA4GA, K4PQL, AA4NC (KI4HN), KU8E)	297,394
10. Team Mississippi (W5XX, WQ5L, AA5MH, KB5IXI)	246,241
11. Society of Midwest Contesters 1 (WD0T, K9MA, KM0L)	233,100
12. Rednecks 3 (K5ZD, K4BAI, AA4LR)	202,327
13. Snow Bums (W1FJ, K1JKS, W1KM, K8JLF)	199,955
14. Tennessee Contest Group 2 (K4AMC, KO4EW)	158,661
15. Frankford Radio Club NOIDS (WF3T, N8NA)	144,546
16. Kentucky Contest Group Team A (KJ4VH, AB4RX, N4UL)	124,579
17. Southern California Contest Club 2 (N6HC, W6UQF, WA7BNM)	123,373
18. Society of Midwest Contesters 2 (AA9AX, KO9Y, KD0AV)	121,749
19. North Coast Contesters (CF3EJ, WW3S)	117,600
20. Team Iowa (KF0H, AK0M)	97,281
21. Weekend Warriors (WA3HAE, N3IXR, NW3C, N3BGV, KB3AFT)	92,688
22. Southern California Contest Club 3 (N6TR, KI6X, K6NA, KJ6HO)	60,578
23. Long Island Mobile ARC (N2LSK, KG2BI, N2KPY)	38,164
24. SMC and Company (CF4VV, WV9T, KF9PL, WE9V)	34,517
25. Society of Midwest Contesters 3 (W9RE)	30,500

Scores

Single Operator

<i>Call</i>	<i>Qs</i>	<i>Mlts</i>	<i>Score</i>	<i>QTH</i>	<i>Team</i>
K5ZD	671	195	130845	MA	Rednecks 3
W1FJ	476	160	76160	MA	Snow Bums
NX1H	495	152	75240	NH	Rednecks 2
K1IU	494	146	72124	RI	
N8NA	472	148	69856	DE	FRC NOIDS
K1JKS	476	142	67592	MA	Snow Bums
N2AZS	363	125	45375	CT	
W1KM	266	113	30058	MA	Snow Bums
K8JLF	249	105	26145	MA	Snow Bums
WW3V	197	95	18715	DE	PVRC
WR1P	206	79	16274	MA	
KZ2S	699	201	140499	NJ	FRC NERDS
WA2SRQ	587	185	108595	NJ	FRC NERDS
WN3K	479	145	69455	NJ	FRC NERDS
N2LSK	306	85	26010	NY	LIMARC
KE2VB	151	78	11778	NY	
KG2BI	139	58	8062	NY	LIMARC
W2KTF	118	66	7788	NY	
N2KPY	93	44	4092	NY	LIMARC
WA2BQI	40	19	760	NY	
KF3P	703	205	144115	MD	PVRC
K3WW	567	183	103761	PA	FRC NERDS
AA3B	501	161	80661	PA	FRC NERDS

WF3T	485	154	74690	PA	FRC NOIDS
K3TLX	429	147	63063	MD	
WA3WJD	367	125	45875	MD	PVRC
AA3HM	348	126	43848	MD	PVRC
WA3HAE	335	106	35510	PA	Wkend Warr.
K3ATO	313	107	33491	PA	
N3IXR	294	102	29988	PA	Wkend Warr.
K3WWP	206	83	17098	PA	
NW3C	186	84	15624	PA	Wkend Warr.
WW3S	180	86	15480	PA	NCC
N3BGV	148	63	9324	PA	Wkend Warr.
K3TM	100	59	5900	MD	
KB3AFT	59	38	2242	PA	Wkend Warr.
N2EY	64	28	1792	PA	
KM9P	834	199	165966	GA	Rednecks 2
N4BP	825	182	150150	FL	FCG
N4ZZ	811	180	145980	TN	TCG 1
WZ4F	689	190	130910	AL	Alabama 1
AA4GA	701	184	128984	GA	Rednecks 1
K1ZX	735	173	127155	FL	FCG
K0EJ	678	174	117972	TN	TCG 1
K7SV	561	193	108273	VA	PVRC
AC1O	611	176	107536	FL	FCG
K4AMC	587	163	95681	TN	TCG 2
K4PQL	609	156	95004	NC	Rednecks 1
KC4ZV	587	151	88637	AL	Alabama 1
N4YOS	556	143	79508	AL	Alabama 1
KP4XS	557	141	78537	SC	Rednecks 2
WR3O	499	141	70359	TN	TCG 1
WA6KUI	478	146	69788	TN	TCG 1
KB4GID	480	137	65760	GA	
W1IHN	450	144	64800	NC	
K4BAI	451	142	64042	GA	Rednecks 3
KO4EW	470	134	62980	TN	TCG 2
KJ4VH	427	145	61915	KY	KCG A
K4IQJ	429	140	60060	AL	Alabama 1
AC4ZO	439	128	56192	NC	
AA4NC	408	127	51816	NC	Rednecks 1
(op KI4HN)					
KN4QV	360	118	42480	GA	
AB4RX	305	135	41175	KY	KCG A
W4XD	325	114	37050	VA	
N4UL	247	87	21489	KY	KCG A
K4BAM	202	98	19796	VA	
W4NTI	385	48	18480	AL	
KO4PY	203	81	16443	NC	
W3GOI	204	76	15504	VA	
WB4PJW	181	84	15204	VA	
AD4VH	162	71	11502	FL	
AA4LR	120	62	7440	GA	Rednecks 3
W1WEF/M	109	64	6976	FL	
KS4DU	128	50	6400	SC	
AD4ZE	112	47	5264	NC	
W4YDD	98	49	4802	SC	
AD4PU	63	37	2331	NC	
K4UK	17	11	187	VA	
NM5M	779	201	156579	TX	TACO
K5GA	726	198	143748	TX	
AD5Q	672	171	114912	TX	
WB5VZL	601	169	101569	TX	
WX0B	590	171	100890	TX	TACO
NA5Q	644	155	99820	TX	TACO
KZ8E	611	163	99593	TX	
W5XX	579	164	94956	MS	Team Miss.
WB5B	577	159	91743	TX	TACO
N6ZZ	537	157	84309	TX	TACO

KB5UL	473	145	68585	NM	
WA5JWU	531	118	62658	LA	
WQ5L	493	125	61625	MS	Team Miss.
AA5MH	368	145	53360	MS	Team Miss.
KB5IXI	330	110	36300	MS	Team Miss.
W5ASP	335	84	28140	TX	
W5TZN	218	86	18748	OK	
AC5BR	213	88	18744	AR	
WD8LDY	182	65	11830	TX	
W3DYA	159	73	11607	TX	
W5NR	140	62	8680	TX	
N5AFV	18	14	252	TX	
W6EEN (op WA6OTU)	596	171	101916	CA	SCCC 1
W9NQ	584	153	89352	CA	SCCC 1
AB6FO	520	159	82680	CA	SCCC 1
AA6KX	558	140	78120	CA	
N6HC	501	132	66132	CA	SCCC 2
N6KI	501	129	64629	CA	SCCC 1
W6UQF	456	106	48336	CA	SCCC 2
W6TKF	376	107	40232	CA	
N4TQO	351	110	38610	CA	Rednecks 2
NW6S	312	109	34008	CA	
N6NF	311	96	29856	CA	
KK6XN	272	87	23664	CA	
W6MVW	203	84	17052	CA	
KI6X	205	82	16810	CA	SCCC 3
AB6YL	162	76	12312	CA	
K6NA	160	74	11840	CA	SCCC 3
AE0M	166	59	9794	CA	
WA7BNM	137	65	8905	CA	SCCC 2
N1EE	143	50	7150	CA	
KJ6HO	40	21	840	CA	SCCC 3
N6GL	23	11	253	CA	
K6LL	689	181	124709	AZ	SCCC 1
KE7GH	543	132	71676	AZ	
N0AX	464	131	60784	WA	Rednecks 2
N7LOX	328	99	32472	WA	
N6TR	268	116	31088	OR	SCCC 3
K7NPN	295	101	29795	WA	
KK7A	263	98	25774	ID	
KI7Y	215	78	16770	OR	
AA7CP	205	67	13735	OR	
WA7VNI	153	63	9639	WA	
AA0CY	140	63	8820	NV	
AA7BG	65	35	2275	MT	
WB9ZPK	80	27	2160	WA	
K7NWS (op N7GVQ)	4	3	12	WA	
AA8AV	363	130	47190	MI	
W8FN	355	132	46860	OH	
WA8YRS	338	122	41236	OH	
N8AAT	297	107	31779	OH	
KG8PE	322	98	31556	MI	
AF8A	258	86	22188	OH	
K8MR	212	102	21624	OH	
KU8E	254	85	21590	OH	Rednecks #1
N8YYS	189	74	13986	WV	
WT8P	169	43	7267	OH	
K8CV	93	48	4464	MI	
AL7PT	34	20	680	WV	
WB8BUQ	8	5	40	MI	
N8AXA	3	2	6	OH	
K9OM	539	162	87318	IL	
K9MA	523	159	83157	WI	SMC #1
AA9AX	470	142	66740	IN	SMC #2

KD5PJ	441	134	59094	IL	
KO9Y	319	129	41151	IN	SMC #2
WA1UJU	303	105	31815	WI	
W9RE	250	122	30500	IN	SMC #3
WB0OLA	261	84	21924	IN	
AA9OC	238	83	19754	WI	
NE9U	209	85	17765	WI	
WV9T	171	85	14535	IL	SMC & Co.
KD0AV	169	82	13858	IL	SMC #2
K9OSH	160	66	10560	WI	
K9UQN	204	45	9180	IL	
WX3N	131	67	8777	IL	
WD9IAB	109	55	5995	WI	
W9MSE	100	45	4500	WI	
KF9PL	69	33	2277	IL	SMC & Co.
WE9V	45	29	1305	WI	SMC & Co.

AA5WQ	626	167	104542	CO	
WD0T	503	177	89031	SD	SMC #1
KF0H	435	187	81345	IA	Team Iowa
N0AT (op K9WIE)	431	146	62926	MN	
KM0L	423	144	60912	MO	SMC #1
KB0IHM	335	128	42880	MN	
WA0RPI	266	92	24472	MN	
W10R	229	105	24045	KS	
W0ZSW (op N0AXL)	268	81	21708	MN	
AK0M	192	83	15936	IA	Team Iowa
KG0KR	117	62	7254	NE	
WB0O	89	62	5518	ND	

KP4/AA5DX	673	172	115756	KP4	
CF3EJ	552	185	102120	VE3	NCC
XE1/AA6RX	448	151	67648	XE1	
CF4VV	205	80	16400	VE4	SMC & Co.
VE5SF	152	67	10184	VE5	
VE2AWR	233	39	9087	VE2	
VE6JY	121	64	7744	VE6	
VE6BMX	130	52	6760	VE6	
VE3LNS	117	55	6435	VE3	
VA3SYL	92	31	2852	VE3	
VE7RBL	78	31	2418	VE7	
KP4YS	41	23	943	KP4	
WP4LNY	18	13	234	KP4	

Multioperator

K7UP (+KN5H)	1028	194	199432	NM	
K9MMS (+K9LUW)	659	166	109394	IL	
K6XO (+N5CT)	535	157	83995	UT	
WA7ADK (+AB7GM)	265	91	24115	UT	
N9ZQH (+KE0FT, KF9TL)	84	44	3696	IL	