

Results, January 1992 North American QSO Parties

By John Golomb, KZ2S

The NAQPs continue to grow in popularity. We set a new record for log submissions this running, receiving 149 CW and 127 phone logs. Conditions were good on both weekends, resulting in some big scores.

The CW weekend saw another close match between Ralph, N5RZ, and Bill, KM9P, for the top spot. In the end, Bill's 24-QSO lead was enough to offset Ralph's six-multiplier edge. What is the secret to Bill's success? A look at his log revealed over 350 band changes. Bill uses two radios in the NAQP and is always ready with a new QSO or to move a multiplier. Bill's QSO total was not far behind last January's winning total of 839. Not bad, considering last year's single operator entrants were not limited to 10 hours of operation (they could operate the entire 12-hour period).

The multioperator crew at K5OJL put in another nice effort from Texas, repeating their victory from the August 1991 NAQP.

Ten meters was in excellent shape during the phone weekend. This allowed Bruce, AA5B, and Mike, KA6SAR (operating at W6UE), to run up some amazing QSO totals. Bruce ended up in the top slot, making over half of his 1265 contacts on 10 meters. Scott, WR3G, did a nice job from east of the Mississippi, making 909 QSOs and using extensive multiplier passing for a contest high of 271. Bob, KW8N, and his son, N8MSF, ran away with the multioperator crown, scoring an amazing 387k. This is the first time a multioperator effort has broken the 300k barrier. If you have budding contesters in your area (and if you don't, go out and create some!), consider having them over for a multiop in the NAQP. This category is ideal for newcomers to get their feet wet in contesting.

The team category saw close competition for the top spot on both modes this time. Congratulations to the Southern California Contest Club #1 team for their win in the CW competition and to the North Coast Contesters #1 team for placing first on phone. Thanks to everyone who took the time to organize a team, as teams really help increase the activity level in these contests.

The NAQP continues to be a favorite among the "little pistol" stations throughout North America. One of the most enjoyable aspects of checking the logs is reading all the comments from those who

Reminder

The next running of the North American QSO Parties will be:
CW—August 1
Phone—August 15
See January/February 1992 *NCJ* for complete rules.

Top Combined Scores

AA5B	888k
WD0T	613k
N5CG	657k
VC4VV	604k
KA9FOX	561k

Team Scores—CW

Southern California Contest Club #1

K6LL	151,863
W6AQ	135,408
W6UQF	103,351
WE7B	102,690
K6XO	101,225
Total	594,537

Kentucky Contest Group A

N4OGW	119,848
K4LTA	115,555
AB4RX	100,746
K4FU	74,217
N4AR	49,767
Total	460,133

Frankford Radio Club

K3WW	138,224
KE2PF	120,204
AA3B	117,822
K2TW	108,870
N8NA	58,282
Total	543,402

FRC Hobos

KZ2S	189,747
WA2MKM	91,776
KR2J	71,820
Total	353,343

5. Big River Contesters (AA5B, K9RS)	274,373
6. Kentucky Contest Group B (KJ4VH, NJ9C, KB4SRE, ND4Y)	227,538
7. Club Ched (N0BSH, KA9FOX)	156,475
8. Southern California Contest Club #2 (AB6FO, W9NQ, W6HAL, N6AA)	143,594
9. North Coast Contesters (W9XR, K5ZD, WR3G)	110,387

may not have huge stations, but always seem to have a ball in the NAQPs. Take a look at the soapbox comment from N0BSH. I would also like to take an excerpt from a note I got from Jean-Pierre Frossard, KB4GID:

"I loved the contest, as usual. It's definitely one of my favorites. I operated field day style, setting up the station before the contest and tearing it down afterwards. Living in an apartment, I have pretty bad problems with TVI, so I have to use an alternate location for any real operating. I used a Kenwood TS-140S and Butternut HF6V along with a straight key. I used my two hours of off time to set up a 160-meter long wire, and it sure paid off, with 27 multipliers. This was my best effort yet, finally breaking 100,000 points. I'm hoping to top 500 QSOs next time, so can't wait till the next NAQP."

I think this note explains pretty well why the NAQPs are so popular among those contesters who do not have a superstation to operate!

The next NAQPs will be held on August

1-2 (CW) and August 15-16 (phone). Whether you're a big gun or little pistol, I hope you will consider giving the NAQP a try. Good luck!

Soapbox—CW

Sixty moves of one band or more. Great condx on all bands. Imagine what SS could be like with this format!—W2GD. The PC emulator I was running on the Macintosh wouldn't key the radio, was a little slow, and locked up several times. (Do I get a 20k point bonus?) This is a neat contest . . . see you next year.—AA5B. I could only work the contest part time, but it was still fun!—WA1GUV. This was my first NAQP. I enjoyed it. The 150 watt limit is just right.—K1YRP. This is a great contest, especially with the power limit. I probably enjoyed this more than any other contest.—W1PH. First contest with new call. Guess I'll keep it.—WZ1R (ex KD2SX). I enjoyed the entire 600 minutes of this contest.—AE2N. Good to hear a lot of new calls in my two hours of operating.—WB2EKK. Congrats to those who could copy "Hose" with 100 watts to Hustler mobile antennas, especially you close guys on the high bands.—KN5H. Only planned to get on an hour or two, but was just too much fun.—K4PQL. My first contest using my new-

CW Top Ten

	Score	QSOs	Mult	10	15	20	40	80	160	Team
KM9P	205,646	794	259	72/43	128/46	193/46	201/46	121/45	79/33	
N5RZ	204,050	770	265	134/46	146/47	152/49	167/48	117/44	54/31	
KZ2S	189,747	727	261	103/46	121/47	153/45	165/49	133/46	52/28	FRC Hobos
W2GD	174,307	673	259	93/42	98/46	116/48	136/45	168/45	62/33	
AA5B	159,495	735	217	115/32	170/44	202/48	136/43	91/35	21/15	Big River
K6LL	151,863	669	227	176/49	152/50	149/48	110/41	73/33	9/6	SCCC #1
WD0/T	144,675	643	225	112/37	127/39	93/38	144/42	126/42	41/27	
K3WW	138,224	652	212	79/31	103/38	149/39	173/43	96/35	52/26	FRC
W6AQ (WA6OTU)	135,408	624	217	141/45	139/48	163/44	123/41	42/27	16/12	SCCC #1
K0EJ	125,345	582	215	80/34	136/44	119/41	148/46	81/36	18/14	
Multioperator										
K5OJI	168,192	768	219	82/27	159/44	152/42	228/46	122/42	25/18	

computer.—K4BAM. Fun as usual. No amps and band multipliers = quick QSYs.—K5MR. Still much fun after 60 years as a ham.—W5NR. ARRL DX contest logs also make great NAQP logs for those of us who do not yet have a computer.—WA5POK. I don't know if conditions were better than August or if it was my new TS-950S, but I doubled my QSOs. I tried moving multipliers for the first time in a contest and was surprised how accommodating many operators were. I'll be back for the next NAQP.—AB6FO. Had several power failures.—N1EE. My first NCJ contest.—WA6RND. Sure ain't a CD party! I need to plan off times much better next time.—N6RO. Could only operate a few hours this time.—N7LOX. Our first multiop contest, great fun.—NK8Z. Always a pleasure to cross paths with old contest friends. Like the 10-hour format. How about a QRP class?—NJ9C. Good to hear a lot of activity. Always a fun contest.—WD9GGY. Enjoyed the contest very much. Made 14 mults on 160 with a WARC dipole and tuner.—KA6A. Better than last year's snafu.—N0FFZ. Unfortunately, our club Christmas party falls on NAQP CW Saturday. Still had fun though.—KA9FOX. The quick QSYs are fun.—K9ZO. First contest with my Christmas present TS-850S; can't wait to computer interface it.—N9XX. Had a lot of fun. Wish I had more time to operate.—NW0F. Only antennas up are a vertical and a low inverted vee. This contest is perfect for these. Rates were as good with low power and small antennas as SS with high power and beam antennas.—KM0L. Thanks to all for copying my signal.—WV0Q. Antennas here were dipoles at 4 (yes, FOUR) feet for 15/20 and a 80-meter dipole at 45 feet through a tuner for the other bands. I was very pleased with the results considering my station. Once again it proves that you don't need to spend big bucks to have big fun and produce respectable results. Lots of fun.—N0BSH.

Team Scores—SSB

North Coast Contesters #1

WR3G	246,339
NG8D	96,320
WT8C	71,592
W9XR	38,316
K5ZD	29,358
Total	481,925

Southern California Contest Club #1

W6UE	257,296
WE7B	88,872
K6XO	72,611
NC6U	3,612
Total	422,391

Texas DX Society #1

W5ASP	131,070
K5RC	102,600
K5GA	85,000
K13L	80,750
KE5FI	37,280
Total	436,700

Dauberville DX Association

KQ3V	117,208
NM3E	62,622
WC8R	55,648
WE3C	53,584
NW3H	25,787
Total	314,849

5. Kentucky Contest Group A (KB4SRE, ND4Y, AA4RX, KM4TY)	288,693
6. Big River Contesters (AA5B)	279,565
7. Club Ched (KA9FOX, N0BSH)	234,486
8. Texas DX Society #2 (K5DX, N5RP, AK5B, KC5CP)	151,956
9. Kentucky Contest Group B (KJ4VH, K4LTA, AC4HI)	143,525
10. Southern California Contest Club #2 (W6UOF, AB6ED, W6HAL, W9NQ)	115,009
11. Texas DX Society #3 (NZ5I, N5DC)	16,915

Very nice contest to work American stations.—PY2NY. First time in this contest. I have just moved to PEI from BC where I was VE7ARS and member of VE7ZZZ contest club.—VY2SS.

Soapbox—SSB

More fun than Sweepstakes! I should have band-hopped more, but I was having too much fun with endless runs on 10 meters. Still had about 70 band changes, though. Managed to move a fair number of the "rare" multipliers to 15 and 20.—AA5B. Great to work so many guys. Conditions were fantastic.—WR3G. NAQP is becoming my favorite contest! See you in August.—KA9FOX. Lots of fun. Just about quadrupled my August score.—WR1L. Finally found a contest with a relatively level playing field for a "little gun" station—had fun at my first party—I'll be back in August.—KE2JO. Two transmitter was fun but we had a

few QRM problems, especially on 40. Multi-two enabled us to let some new ops get their feet wet.—N5NMX. Fun contest. Hope to be able to work more of it in the future.—W6TKF. Father and son team. We had a lot of fun and were able to pass multipliers pretty well.—KW8N. I was traveling from Chicago to Dayton. The contest sure helped to pass the driving time.—N8ZR. Missed the first three hours to watch the NHL all-star game.—WD9GGY. Cold WX froze my 40/80 vertical, could not adjust for phone band.—N9XX. Didn't plan on entering this contest but I couldn't resist when I heard folks on. A lot of good operators out there.—KD0SU. My 160-meter wire was working but band was dead. Todd (WD0T) and I fried the air over SD.—WV0H. Making new friends in VE and USA lands.—PY2NY. I love the contest. Nice to work everybody low power. CU in the pileups.—TG9AJR.

SSB Top Ten

	Score	QSOs	Mult	10	15	20	40	80	160	Team
AA5B	279,565	1265	221	659/43	179/48	261/53	93/36	58/30	15/11	Big River
W6UE (KA6SAR)	257,296	1237	208	591/52	231/47	261/51	79/30	64/23	11/5	SCCC #1
WR3G	246,339	909	271	180/40	144/50	145/57	211/53	148/42	81/29	NCC #1
KA9FOX	227,934	938	243	225/31	110/36	191/51	174/49	179/47	59/29	Club Ched
NGNF	221,952	1088	204	602/48	155/47	166/49	137/46	28/14	0/0	
VC4VV	209,101	991	211	477/44	131/41	134/43	114/38	128/38	7/7	
N5CG	197,340	897	220	200/31	126/39	244/54	152/46	173/48	2/2	
WB9TIY	161,330	730	221	75/23	130/37	163/50	179/48	145/43	38/20	
KV6O	153,664	784	196	182/32	258/53	193/50	31/18	104/33	16/10	
N2BA (K8HVT)	149,100	710	210	143/32	167/45	149/43	123/41	81/29	47/20	
Multioperator										
KW8N	387,296	1274	304	182/45	255/59	259/60	194/51	247/52	137/37	

CW Scores

Call	QSOs	Mults	Score	Area	Team	Call	QSOs	Mults	Score	Area	Team
K8HVT	554	221	122,434	CT		W6AQ					
W1PH	564	213	120,132	NH		(WA6OTU)	624	217	135,408	CA	SCCC #1
K1YRP	521	188	97,948	CT		N6RO	599	194	116,206	CA	
AI6E	458	174	79,692	MA		AB6FO	545	192	104,640	CA	SCCC #2
WZ1R	405	174	70,470	RI		W6UQF	571	181	103,351	CA	SCCC #1
NX1T	382	149	56,918	ME		N1EE	514	183	94,062	CA	
W1FJ	264	133	35,112	ME		N6NF	377	145	54,665	CA	
W1XN	138	78	10,764	ME		W2KVA	382	141	53,862	CA	
NB1B	133	67	8,911	MA		W9NQ	250	137	34,250	CA	SCCC #2
N1AFC	67	37	2,479	ME		W6MVW	251	115	28,865	CA	
WA1WPR	16	14	224	ME		W6HAL	84	50	4,200	CA	SCCC #2
KZ2S	727	261	189,747	NJ	FRC Hobos	WN4KKK	76	50	3,800	CA	
W2GD	673	259	174,307	NJ		WA6RND	60	36	2,160	CA	
KE2PF	567	212	120,204	NJ	FRC	N6AA	28	18	504	CA	SCCC #2
K2TW	570	191	108,870	NJ	FRC	NC6U	26	18	468	CA	
WA2MKM	478	192	91,776	NJ	FRC Hobos	K6NA	9	9	81	CA	
KR2J	420	171	71,820	NJ	FRC Hobos	K6LL	669	227	151,863	AZ	SCCC #1
K2PS	406	174	70,644	NJ		WE7B	489	210	102,690	UT	SCCC #1
WB2WBU	312	126	39,312	NY		K6XO	493	195	101,225	UT	SCCC #1
W2HCA	204	120	24,480	NJ		AA7KF	443	159	70,437	OR	
WA2VYA	197	106	20,882	NJ		KD7VI	443	155	68,665	AZ	
AE2N	112	67	7,504	NJ		KI7Y	367	148	54,316	OR	
N0/OKS	29	20	580	NJ		N0/AX	185	100	18,500	WA	
W5KI	25	16	400	NJ		N7LOX	171	81	14,499	WA	
WA3INC	28	12	336	NY		K7SS	103	52	5,356	WA	
N2NT	20	10	200	NJ		W8FN	500	198	99,000	OH	
K3WW	652	212	138,224	PA	FRC	AA8AV	380	166	63,080	MI	
AA3B	538	219	117,822	PA	FRC	AF8A	408	151	61,608	OH	
W9XR	486	173	84,078	PA	NCC	W8KIC	328	133	43,624	OH	
N8NA	362	161	58,282	DE	FRC	WD8IXE	306	132	40,392	OH	
WD3P	304	143	43,472	MD		WA8YRS	233	114	26,562	OH	
WI3A	231	110	25,410	MD		NG8D	182	84	15,288	OH	
K5ZD	200	118	23,600	PA	NCC	WB8BUQ	118	73	8,614	MI	
KN5H	196	118	23,128	MD		K8CV	88	60	5,280	MI	
NY3G	167	74	12,358	PA		N8CQA	70	54	3,780	MI	
K3UA	150	71	10,650	PA		K8DD	58	32	1,856	MI	
WI3U	136	75	10,200	PA		K9ZO	537	222	119,214	IL	
WB2EKK	133	72	9,576	MD		N0BSH	510	183	93,330	WI	Club Ched
WR3G	63	43	2,709	PA	NCC	NJ9C	483	187	90,321	IN	KCG B
N3CZB	46	28	1,288	PA		N9XX	470	175	82,250	WI	
KM9P	794	259	205,646	GA		KA6A	439	182	79,898	IL	
K0EJ	582	215	125,130	SC		AA9AX	407	161	65,527	IN	
N4OGW	568	211	119,848	KY	KCG A	KA9FOX	365	173	63,145	WI	Club Ched
K4PQL	570	209	119,130	NC		N0FFZ	264	131	34,584	IL	
K4IQJ	571	208	118,768	AL		W9RE	200	119	23,800	IN	
K4LTA	605	191	115,555	TN	KCG A	WD9GGY	179	99	17,721	IL	
WD4AHZ	531	204	108,324	FL		WE9E	80	54	4,320	IL	
KJ4VH	484	219	105,996	KY	KCG B	KB9AMG	50	15	750	WI	
AB4RX	579	174	100,746	KY	KCG A	WD0T	643	225	144,675	SD	
KB4GID	490	205	100,450	GA		WA2MNO	366	157	57,462	MN	
K4FU	429	173	74,217	KY	KCG A	K3GWA	354	147	52,038	CO	
W4XD	423	164	69,372	VA		KM0L	289	118	34,102	KS	
N4AR	313	159	49,767	KY	KCG A	WV0H	206	109	22,454	SD	
WA6KUI	253	114	28,842	TN		WV0Q	153	90	13,770	KS	
KB4SRE	204	103	21,012	KY	KCG B	NW0F	110	69	7,590	KS	
W4TYW	134	84	11,256	TN		K0JPL	40	44	1,232	MO	
ND4Y	123	83	10,209	KY	KCG B	VC4VV	513	184	94,392	MB	
W4RVU	132	67	8,844	FL		VE4GV	476	175	83,300	MB	
K4BAM	117	67	7,839	VA		VY2SS	391	164	64,124	PEI	
KJ4WH	70	46	3,220	FL		VE3KK	171	97	16,587	ON	
N5RZ	770	265	204,050	TX		VE5SF	100	62	6,200	SK	
AA5B	735	217	159,495	NM	Big River	VE7IN	42	26	1,092	BC	
N5CG	615	203	124,845	OK		VE3EJ	24	20	480	ON	
KB5UL	590	206	121,540	NM		PY2NY	25	18	450	PY	
K9RS	677	214	114,878	NM	Big River						
KW5P	525	218	114,450	TX							
W5XX	539	194	104,566	MS							
WA5POK	495	183	90,585	TX							
K5MR	474	137	64,938	TX							
W5ASP	324	114	36,936	TX							
K5RC	263	137	36,031	TX							
N5NMX	199	128	25,472	TX							
AA5LF	194	97	18,818	TX							
W5NR	158	84	13,272	TX							
K5GA	130	80	10,400	TX							
KI3L	130	66	8,580	TX							

Multioperator

K5OJI (+N5DU)	768	219	168,192	TX
WF3T (+N6CQ)	488	169	82,472	PA
NK7U (+NI7T)	314	141	44,274	OR
NK8Z	298	142	42,614	OH
(+KW8J, KF8GB)				

Checklogs

W5ASP, VC1RJ, K0/SW, KC4PGD, K7UP

SSB Scores

Call	QSOs	Mults	Score	Area	Team
WT1L	809	184	148,856	VT	
WZ1R	671	205	137,555	RI	
WR1L	608	169	102,752	NH	
NX1T	329	126	41,454	ME	
W1XN	281	110	30,910	ME	
WO1P	257	119	30,583	CT	
NB1B	173	79	13,667	MA	
N1IBQ	19	10	190	CT	
N2BA (K8HVT)	710	210	149,100	NY	
KB2DE	144	82	11,808	NY	
WA2MKM	49	29	1,421	NJ	
N2MBM	40	13	520	NY	
N2NT	2	1	2	NJ	
WR3G	909	271	246,339	PA	NCC #1
KQ3V	598	196	117,208	PA	DDXA
KA3VYN	559	135	75,465	MD	
NM3E	426	147	62,622	PA	DDXA
WC8R	376	148	55,648	PA	DDXA
WE3C	394	136	53,584	PA	DDXA
W9XR	309	124	38,316	PA	NCC #1
N8NA	286	119	34,034	DE	
WI3A	259	115	29,785	MD	
K5ZD	233	126	29,358	PA	NCC #1
NW3H	241	107	25,787	PA	DDXA
K3UA	50	33	16,500	PA	
KN5H	79	46	3,634	MD	
WI3U	34	22	748	PA	
KB4SRE	566	197	111,502	KY	KCG A
KE2JO	499	167	83,333	TN	
ND4Y	497	159	79,023	KY	KCG A
KJ4VH	427	185	78,995	KY	KCG B
AA4RX	406	167	67,802	KY	KCG A
K4LTA	327	142	46,434	TN	KCG B
KM4TY	241	126	30,366	KY	KCG A
K0/EJ	251	107	26,857	SC	
KA4RRU	211	100	21,100	VA	
W4WTO	105	69	7,245	FL	
KJ4WH	91	63	5,733	FL	
KC4SYX	47	24	1,128	VA	
AA5B	1265	221	279,565	NM	Big River
N5CG	897	220	197,340	OK	
KV6O	784	196	153,664	TX	
W5ASP	771	170	131,070	TX	TDXS #1
K5RC	570	180	102,600	TX	TDXS #1
NA4M	540	172	92,880	TX	
K5GA	500	170	85,000	TX	TDXS #1
KI3L	475	170	80,750	TX	TDXS #1
K5DX	452	165	74,580	TX	TDXS #2
KE5FI	466	80	37,280	TX	TDXS #1
N5RP	305	112	34,160	TX	TDXS #2
AK5B	254	104	26,416	TX	TDXS #2
N5RZ	334	65	21,710	TX	
KC5CP	160	105	16,800	TX	TDXS #2
N5OHL	167	67	11,189	OK	
NZ5I	151	70	10,570	TX	TDXS #3
W5NR	127	68	8,636	TX	
N5DC	135	47	6,345	TX	TDXS #3
W6UE (KA6SAR)	1237	208	257,296	CA	SCCC #1
N6NF	1088	204	221,952	CA	
W6UQF	549	149	81,801	CA	SCCC #2
W6BIP (N1EE)	498	144	71,712	CA	
AB6FO	317	125	39,625	CA	
W6TKF	332	105	34,860	CA	
KJ6HO	231	120	27,720	CA	
AB6ED	206	103	21,218	CA	SCCC #2
W6HAL	161	66	10,626	CA	SCCC #2
NC6U	84	43	3,612	CA	SCCC #1
W9NQ	44	31	1,364	CA	SCCC #2
WA6OTU	14	14	196	CA	
N7LOX	813	180	146,340	WA	
WE7B	529	168	88,872	UT	SCCC #1
K6XO	451	161	72,611	UT	SCCC #1
K17Y	204	111	22,644	OR	
KD7RX	281	76	21,356	WY	
N7MVX	209	94	19,646	MT	
N7LTM	32	18	576	OR	
NG8D	560	172	96,320	OH	NCC #1
WT8C	456	157	71,592	OH	NCC #1
K8MR	375	160	60,000	OH	
KA8ZNZ	294	134	39,396	OH	
AA8FE	265	128	33,920	MI	
WV8B	248	117	29,016	OH	

WA8YRS	165	91	15,015	OH	
AA8AV	181	76	13,756	MI	
WB8BUQ	128	75	9,600	MI	
K8CV	71	42	2,982	MI	
KA9FOX	938	243	227,934	WI	Club Ched
WB9TIY	730	221	161,330	IL	
K9ZO	310	146	45,260	IL	
WW1M	241	109	26,269	WI	
W9RE	200	116	23,200	IN	
AC4HI	174	104	18,096	IN	KCG B
N9JAK	180	92	16,560	WI	
K9OSH	174	92	16,008	WI	
WE9E	110	60	6,600	IL	
N0BSH	104	63	6,552	WI	Club Ched
WD9GGY	66	38	2,508	IL	
N9XX	61	36	2,196	WI	
KA6A	27	20	540	IL	
N8ZR	8	6	48	IN	
WD0T	751	194	145,694	SD	
WV0H	594	194	115,236	SD	
KD0RC	117	286	33,462	CO	
WV0Q	202	110	22,220	KS	
K0TK	112	59	6,608	MN	
K0JPL	87	51	4,437	MO	
KD0SU	66	43	2,838	CO	
VC4VV	991	211	209,101	MB	
VE4AMC	732	154	112,728	MB	
VE7CV	602	177	106,554	BC	
VE5SF	445	153	68,085	SK	
VE7JMN	306	98	29,988	BC	
VE3EJ	217	120	26,040	ON	
VE7IN	144	82	11,808	BC	
VE6SH	112	60	6,720	AB	
VE7EKS	36	18	648	BC	
TG9AJR	222	131	29,082	TG	
WA1AWJ/VP9	120	66	7,920	VP9	
PY2NY	39	28	1,092	PY	

Multioperator

KW8N	1274	304	387,296	OH
(+N8MSF)				
N5NMX	1115	237	264,255	TX
(+KG5YA, N5NMY, KB5PGJ, KB5NFZ)				
NK7U (+NI7T)	998	218	217,564	OR
W4AQL	874	192	167,808	GA
(WA4ABY, WD4DWN, N7FYT, N9HZQ)				

Checklogs

VE7CFA, K7UP, K0SW, VC1RJ



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