

# Results, June VHF QSO Party

By Edith Holsopple,\* N1CZC

Three Division Leader records were broken during the VHF QSO Party of June 9 and 10 in spite of the generally mediocre conditions nationwide. Save for a couple band openings and some E-skip reported on 6 meters, conditions were pretty much homogeneous on all the bands; Mother Nature did not choose a favorite section. Logs received numbered 495, down 3% from last year. That is an excellent showing considering that conditions this year were slightly less favorable than last year, ranging from terrible to fair, and in general scores were lower.

AA2Z/3 again graced the number one position on the top ten single-op list, breaking a division record for the second year running. That feat is nothing short of remarkable and can only be attributed to persistence, his hallmark. Another division record broken was by multiop station K6GSS, who topped the long-standing Pacific Division score set by WA6JUD/6 in 1976. Multiop station AA0L displaced W0IJR who had held the high score for the Rocky Mountain Division since 1972. Way to go!

Although W1VD had more QSOs, W2SZ/1 is still the number one multi-op station for points. K2CBA, operated by WB2DNE, retained the number three spot (single-op). Single-op stations KA2BTM and K3HP showed up again in the top ten listing, as did multi-op station W1TKZ.

The contest weekend was not altogether lacking in moments of drama. W9IP/2 in WNY worked K0ALL on Saturday during the only decent, though brief, opening. Likewise, WA7TM in Arizona was smiled upon by the propagation gods and worked VP2EME and W4UWH/KP2. Kudos and thanks to those DX stations for making the multiplier chasing more interesting. There was an opening on 6 meters Saturday evening from Ohio to the west, and good double-hop to Washington and Oregon from Southern Texas at about the same time. A spotty path from Missouri briefly opened to the West Coast, and Colorado enjoyed an afternoon and evening opening to the north, east and west. Sunday saw more of the same. There was a 6-meter opening to California and Minnesota from the East Coast, from Ohio to Florida in the evening. To wrap things up, this was a fine test. The Northeast seems to have a QSO number advantage because of station density. Conditions were below average everywhere, but operator skill more than made up for it and kept things moving.

Many thanks to those who sent in ideas and votes in the Section vs. Grid controversy. Of the 273 opinions expressed, 189 were in favor of going with the Grid system, while 84 voted to keep the Sections.

Thanks to Bruce Hale, KB1MW, and Ted Beilman for their help in the preparation of this report.

Be sure to join us for the September VHF QSO Party later this month, and the June VHF QSO Party next summer. Good luck!



WA2VUN was the 6-meter operator at K2XR.



WA0VJF, KB0DW, and KF0M (l-r) multioped from Kansas.

## Division Leaders

Single Operator	Division	Multioperator		
Call	Score	Call	Score	
VE3ASO	22,265	Canadian	VE3LNX	34,040
*AA2Z/3	99,408	Atlantic	K3MTK	165,888
WB9NTL	14,396	Central	K9MRI	53,187
KB0ZQ	5616	Dakota	K0ALL	17,388
W5RCI	11,387	Delta	N5DL	71,392
WD8ISK	38,548	Great Lakes	W8VP	85,860
KC2PX	45,588	Hudson	N2BOW	71,392
N0LL	21,255	Midwest	W9UD/0	62,721
WA1QUB	31,570	New England	W2SZ/1	271,715
KB7WW	13,769	Northwestern	WA7BJU	17,755
W6RXQ	16,796	Pacific	*K6GSS	106,172
K2UOP/4	26,061	Roanoke	K3LNZ/8	100,796
W0ETT	16,068	Rocky Mt.	*W0IJR	48,983
KB4CRT	16,555	Southeastern	K4ULJ	15,250
K2DNR/7	8400	Southwestern	N6CW	46,565
WB5RUS	13,272	West Gulf	K5CM	85,143

\*new all-time division record

## Top Ten

Single Operator	Multioperator
Call	Score
AA2Z/3	99,408
KC2PX	45,588
K2CBA	42,222
(WB2DNE)	41,025
WB3IMS	38,548
WD8ISK	38,212
KA2BTM	37,730
W3IP	36,419
K3HP	32,695
W9IP/2	31,790

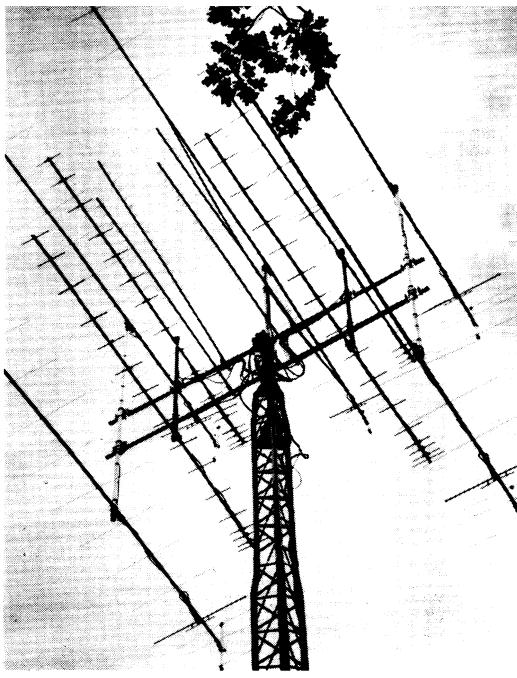
## Grids or Sections?

Call	Logs Rcvd	Votes for Grids	Votes for Sections
1	60	16	15
2	69	29	18
3	52	18	17
4	64	33	6
5	31	13	5
6	48	19	5
7	40	19	6
8	31	11	3
9	34	12	1
0	47	16	9
VE	18	3	—
Ck log	1	—	—
Total	495	189	85

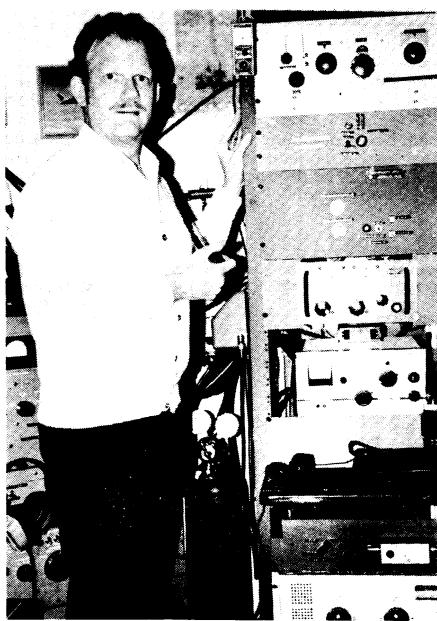
## SOAPBOX

Erecting a total of 406 elements for 5 bands on 5 towers in 100° heat was just not a lot of fun (K2XR gang). It's the better part of valor to tackle a contest with 5 W at the antenna; it's the worst part of stupidity to do it when everyone else has a KW (KA0KUY)! After comparing this year's effort in CO with the past two years' portable contest operations in UT, I am convinced that we have much better Es conditions on this side of the Rocky Mountains (W0ETT). Considering weather on the east coast, I expected good extended ground wave/tropo to prevail, but instead I found average to below average (K2CBA op by WB2DNE). Hot, hot, hot. My wife decided to cut the grass in the middle of the test. It caused ignition noise on 2 meters (NE2Q). Every year I swear I'm not going to enter another one of these things. Where did I go wrong? (W2WW). I ran 10 W on 2 meters into a 19-inch piece of wire and worked 12 sections. I ran 10 W to crossed horizontal dipoles on 432, stuck them on top of the piano on the ground floor and worked 5 stations. Amazing (K2OVS)! It is very pleasant to see WPA, VT and ME Sections well represented on 432. RI could use more operators (K2RIW). For the first time, our multi-op effort was relaxing and easy — a real pleasure (WB2NPE). I caught one long-distance opening to NM, but had to sit and listen to stations south of me working into 7-land and even CA (W9IP/2). I had more 220 and 432 QSOs during the Spring Sprint. Maybe the rules could suggest operating hours for these 2 bands and get more stations together (K2GK). This was my 1st VHF contest. Now I'm sorry I didn't enter for years past. I had a ball (WB2SZY). Do we have to count the snakes in our multi-op effort? (WA2GBG). We had a lot of fun, but thought that 2-meter activity was down

\*Communications Assistant, ARRL



N4JS/5 launched a five-band effort and placed second in Mississippi. The N4JS/5 sky-ware includes: 50 MHz, 8-el at 40'; 144 MHz, 4 Boomers at 50'; a 220-MHz Boomer at 50'; 432 MHz, 4 16-el at 50'; 1296 MHz, 4 28-el loop Yagis at 50'.



in our area for a June contest (N2WK). I must contribute the successful operation fully to my XYL for allowing me to put in 40 man-hours of preparation of my station in the two weeks prior to this contest, and the actual 32 hours of operating. Her support with meals served at the operating position and crowd control (kids) and Murphy control (kept him away) deserves the highest award I can give (KC2PX). I worked AB4L during the contest and verified he was in FM07 making grid no. 50 for VUCC on 432 MHz (W2VC). This contest was a great way to spend a birthday and I enjoyed chasing the stations on 1296 (W2TC). The outside temp. hit 103° on Sun. afternoon. I wanted to work more QSOs but with no air cond. in the shack, I kept going outside and jumping in the pool (N2EIQ). I can't believe I worked VT with a vertical; thanks W1TKZ for staying in there near the end (KA2IRQ). We had fun with 500 mW helium lasers. We made it 4½ miles, but fog closed us down. Next time we want 10 miles and 2 multipliers, SNJ and NJ (K2NJ). The last two June VHF contests, I have heard more on Fri. night than during the contest (VE1AHM). These were the worst conditions of my 21 years of hammering: no E skip, only scatter (VE2TH). Single antennas, short masts, QRP and battery power equals lots of fun, but we didn't beat anybody (VE3VA). It was sure nice to hear new stations on 1296 since last January. Also, 220 was active and conditions were good into OH from EPA (N3CX). The signals from the mountaintops of the northeast were awesome. I developed "contesters' elbow," a blister from leaning on the bench too much... (KQ3D). I found the operators to be especially friendly in the VHF part of the spectrum (K3TC). This will be my last contest from WPA. Look for me on 220 from EL87 (KC3CL). There must have been some propagation on 2 since I was able to communicate with SNJ with my small setup of only 10 W and a 5/8-wave ground plane (WA3WAW). I am impressed at the number of stations who are getting on 432 MHz. It's always nice to hear new stations (WA4LIT). 50.110 sounded like the bottom end of 20 M during a DX pileup. I was glad to work VP2EME and the other DX stations through the stateside crud. I hoped to catch a G or GW on double hop; however, with a half dozen or more stations in and around 50.110, the chances of me winning the New York lottery were probably greater (WB4SLM).

#### Top Single Band Scores

50 MHz	144 MHz	220 MHz	432 MHz	1296 MHz
K4KUZ	13,936	K1KA	12,888	AA2Z/3
N0LL	13,364	K2TXB	10,580	AF1T
KB4CRT	12,348	N8FCJ	8721	K2RIW
WB8ETT	11,609	K3ONW	7104	WB3IMS
WA1OUB	11,374	AA2Z/3	6292	WA2TIF
W5FF	11,067	KC2PX	5957	WA2OMY/3
AA2Z/3	10,672	WB2QOQ	5740	W2EIF
WB2QLP	9152	WB2KEC	5302	*K3YTL
WB5DSH	8858	K3HP	5028	*K3MTK
N4MM	8325	WB3IMS	5016	*W1VD
*K5CM	34,408	*W1VD	15,175	*W1VD
*W0JR	23,744	*W2SZ	13,296	*W2SZ
*W1VD	22,828	*K1TR	12,995	*K3MTK
				4884

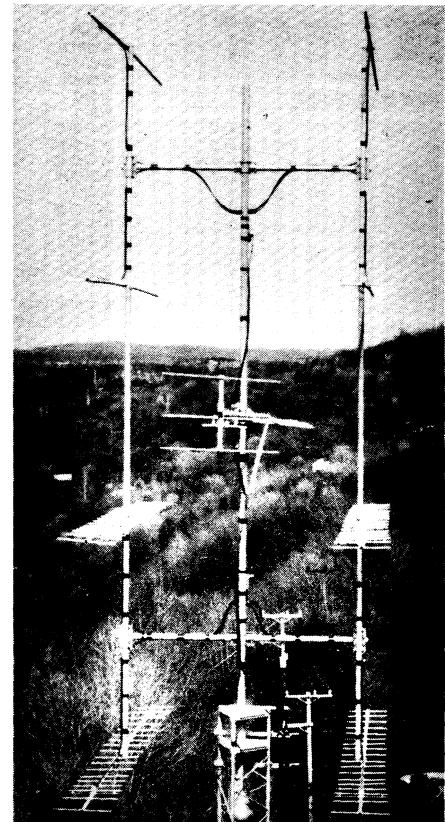
\*denotes multioperator stations

#### Multiplier Leaders — Single Operator

50 MHz	144 MHz	220 MHz	432 MHz	1296
WA1OUB	47	K1KA	24	AF1T
KC2PX	40	K2TXB	23	WA2TIF
AA2Z/3	46	KC2PX	23	AA2Z/3
K4KUZ	52	K3ONW	24	AB4L
W5FF	51	AB4L	22	W5RCI
WB6RXQ	44	W5RCI	15	WA6LHD
KB7WW	41	WA6LHD	10	W7Y0Z
WB8ISK	48	K6PVS	10	N7NW
W3EP/9	39	W6DHO	10	KD8FO
N0LL	52	WB7BLF	25	WB9NTL
VE3ASO	27	N8FCJ	27	N9AZC
		WB9MSV	16	WB8TEM
		W3EP/9	16	VE3BFM
		N9AZC	16	VE3OCX
		WB8FY	15	VE3ASD
			21	

#### Multiplier Leaders — Multiop

50 MHz	144 MHz	220 MHz	432 MHz	1296 MHz
W1VD	52	W1VD	25	W1VD
WA2GBG	49	K2XR	24	W2S/1
K3YTL	45	K3MTK	26	WB2NPE
N4DT	58	K2UOP/4	19	K3MR
WD4GXN	19	N4DT	19	K3MTK
K5CM	68	N5DL	15	K3YTL
K6GSS	48	K5CM	15	K2UOP/4
WA7BJU	41	N6AMG	11	N5DL
WB8GEX	55	N6V1	11	K8GSS
WB8IC/9	45	WA8YPL/7	7	WA7BJU
W9UD/0	56	W8VP	22	W7SAA
VE3FHK	30	K3LNZ/8	22	W8VP
		K9MRI	16	K3LNZ/8
		N9IS	18	W9UD/0
		VE3LNX	18	VE3LNX
			13	
			11	



WB3IMS used this 432 array to snag a contest-high number of multipliers on 70 cm and in so doing take the top single-operator position in Western Pennsylvania.

## Scores

Scores are listed by ARRL section. Within each section, single-operator, multi-band scores are listed first, then single-operator, single-band scores starting with the lowest frequency band, and then multioperator scores. From left to right, each line score lists: call, score, QSOs, multiplier, bands operated (A — 50 MHz; B — 144 MHz; C — 220 MHz; D — 432 MHz; E — 1296 MHz; F — 2.3 GHz; G — 3.4 GHz; H — 5.7 GHz; I — 10 GHz; J — 24 GHz; K — 48 GHz; L — light). Among the single-operator stations, the single-band award winners are indicated by boldface type for the letter(s) denoting the bands won. For example, in Connecticut, W1PV is the single-operator section award winner, and he also had the highest scores on 1296 and above. K1EM had the highest single-band scores on 50 MHz and 220 MHz, while WB1BXS had the highest single-band score on 144 MHz. K1FO had the top score on 432 MHz. W1VD is the highest-scoring Connecticut multiop.

**1****CONNECTICUT**

W1PV	30,514- 306- 73-ABCDEI
K1EM	24,310- 309- 65-ABCD
WA1ZNT	3069- 99- 31-AB
W1ICH	2288- 74- 22-BD
K8CH/1	1704- 59- 24-ABD
K1ZZ	1044- 49- 18-ACE
WB1BXS	4301- 187- 23-B
K1GX	3620- 181- 20-B
WB1GOO	1068- 82- 13-B
W1WEF	1022- 73- 14-B
W1CNU	708- 59- 12-B
K1XA	1- 1- 1-B
K1FO	8694- 189- 23-D
W1VD (+ K1JX, KA1GD, WA1STO)	200,136- 1327- 124-ABCDIJ
W1QK (+ KA1s JPC, TD, KF6AJ, W1NG, WB1CVW, WB3JY/O)	68,370- 692- 88-ABCD

**EASTERN MASSACHUSETTS**

W1QXX	22,869- 308- 63-ABCD
WA1JOF	15,264- 195- 53-BCDE
WB1FKF	9800- 132- 50-ABCD
KA1DHO	8874- 147- 51-ABCD
K1SRZ	6984- 152- 36-ABCD
W1GXT	6156- 109- 38-BCDE
W4XP	4860- 104- 36-ABCD
W1JR	3696- 55- 33-ABCDEF
WA1AYS	2625- 98- 25-ABD
K1VZI	2180- 80- 20-ABCD
K1DAT	2461- 107- 23-A
KA1FVG	804- 67- 12-B
N1CHJ	506- 46- 11-B
W1AX	385- 35- 11-B

**MAINE**

WA1AYT	2581- 89- 29-AB
K1TOL	7310- 170- 43-A
W1PLX	658- 47- 14-B

**NEW HAMPSHIRE**

WA1OUB	31,570- 450- 70-ABC
AF1T	19,663- 262- 53-ACE
W1EJ	17,460- 223- 60-ABCDE
AC1J	9447- 169- 49-ABCD
N1BC	3927- 102- 21-BD
W1JSM	1540- 70- 20-BD
WA2ITI	990- 44- 18-ABC
(KA1NW, opr.)	
KA1CDZ	900- 50- 18-ABC
K1KA	12,888- 537- 24-B
KA1BJ	1972- 116- 17-B

**RHODE ISLAND**

K1DS (+ K1s CH,JI,PAM,KM1X,WA3FEC)	36,600- 356- 75-ABCDEF
K1MIU (K1s GNW,GX,UQE,VSC,KB1H, KR1U,WA1s DCP,HYN,IVD,RLV oprs.)	25,020- 341- 60-ABCD

**VERMONT**

WB1GQR	10,028- 190- 46-ABD
W1AIM	7154- 118- 49-ABCD
W1TKZ (K1s TK,UR, N1s ADY,CPE, W1s GCI,OOP, WA1s PQY,YOU,ZLQ, KB1NJ, WB1BUM, N2AWO, VE3GCL, oprs.)	115,668- 858- 108-ABCDEFI

**WESTERN MASSACHUSETTS**

KA1APR	27,720- 306- 72-ABCD
W1RIL	17,640- 279- 45-BDE
K1SW	9812- 193- 44-ABCD
AC1T	2760- 82- 30-ABD
KA1CRX	429- 33- 13-AB
KA1DZV	324- 12- 5-FGHIJ
K1BE	319- 24- 11-ABD
W1PUO (KF1R opr.)	2869- 151- 19-B
K1JG	12- 4- 3-B
W2SZ1 (AG1M, K1s DH,RR, K1JX, KA1DZV, WA1s HOQ, UGE, ZAM, ZFK, WB1s EYL,HJH, K2s EK,MM,UF, K2Ds, KA2s TOC,OPG, W2ARQ, WB28, AAU,SPL,ZPQ, WB2QCQ, AK4L, N4CD, WA8USA, oprs.)	271,715-1318-155-ABCDEFGHIJ

K1TR	K1s BA,EA, N1s BEM,RC,AFQ, KV1J, W1MJ, WA1s MZC,ONB,PBU,QWF, VFJ, oprs.)
W1NY	115,154-1113-114-ABCDEI

W1NY	12,052- 243- 46-ABD
------	---------------------

**EASTERN NEW YORK**

K2CBA (WB2DNE, opr.)	42,222- 357- 93-ABCDEF
WA2TEO	36,419- 379- 72-ABCDEF

N2BJ	25,488- 351- 59-ABCD
------	----------------------

WA2TIF	16,100- 235- 50-BCD
--------	---------------------

WA2ZPX	7440- 240- 31-AB
--------	------------------

WA2RUW	720- 35- 18-BC
--------	----------------

W2IP	688- 37- 16-BD
------	----------------

NE2Q	4104- 216- 19-B
------	-----------------

KA2JUV	855- 57- 15-B
--------	---------------

KC2RO	440- 40- 11-B
-------	---------------

KG2H	216- 24- 9-B
------	--------------

WB2TUT	162- 18- 9-B
--------	--------------

AB2I (+ AB2J,K2DPL,W2FBF,WA2s ENM, IID, WB2s DV, KMY)	41,138- 540- 67-ABCD
---	----------------------

W2YJO (+ KA2Q,W2GXU)	1121- 54- 19-BD
----------------------	-----------------

**NYC & LONG ISLAND**

W2WW	11,000- 176- 44-BCD
------	---------------------

WB2CMY	8385- 195- 43-AB
--------	------------------

WA2SLY	5973- 181- 33-AB
--------	------------------

K2OVS	880- 160- 16-BD
-------	-----------------

WB2KEC	5302- 241- 22-B
--------	-----------------

WB2ENW	160- 20- 8-B
--------	--------------

WA2OJK	40- 10- 4-B
--------	-------------

K2RIW	5336- 116- 23-D
-------	-----------------

**NORTHERN NEW JERSEY**

KC2PX	45,588- 468- 87-ABCD
-------	----------------------

KA2BTD	38,212- 349- 82-ABCD
--------	----------------------

WB2WH	23,104- 273- 64-ABCD
-------	----------------------

N2BNM	18,328- 253- 58-ABCD
-------	----------------------

W2VC	6990- 102- 30-DE
------	------------------

W2TC	4642- 97- 22-DE
------	-----------------

WA2UDT	1600- 55- 20-AD
--------	-----------------

WA2CWA	4- 2- 2-AB
--------	------------

WB2OOQ	5740- 287- 20-B
--------	-----------------

WB2CUT	3456- 192- 18-B
--------	-----------------

WB2HF	1664- 104- 16-B
-------	-----------------

WA2ALM	1204- 86- 14-B
--------	----------------

N2EJQ	966- 69- 14-B
-------	---------------

NA3AHF	864- 48- 18-B
--------	---------------

K2A1RQ	549- 61- 9-B
--------	--------------

N2BOW (+ WB2WLW,N2s CEI,EOC)	71,392- 646- 92-ABCDI
------------------------------	-----------------------

WA2SNA (N2s AAZ,BT,CJ,K2BJG, KA2OVK,W2RFB, oprs.)	41,544- 473- 72-ABCD
---	----------------------

K2N ( + K2B,LBB,OEB,RBD,RLW,KD2s )	36,000- 272- 46-ABCD
------------------------------------	----------------------

EL, GY, K1CZY, W2GWD, WA2NSD, WB2WD, KU2C )	39,
---	-----

<b>ARKANSAS</b>	K6HCP 14,198- 171- 62-ABCDE K6DPY 6345- 121- 45-ABD KA6ING 4025- 115- 35-AB K9TGT/6 1170- 63- 15-ABD KE6ZE 808- 71- 8-BD NR6A 330- 22- 11-ABCD WD6EPV 156- 20- 6-BC A18A/6 60- 20- 3-B K6UQH 672- 32- 7-E K6GSS (+ KA6IRT, KE6D, WB6KBZ, NU6s P, S, WA6AZP) 106,172-1108- 76-ABCD WB6WLE (+ N6F) 14,640- 224- 60-ABCD	WA8MIL 1428- 72- 17-BD W8CAP 1204- 72- 14-BD WB8TG 414- 45- 9-ABD WD8KLU 144- 14- 8-ABD N8CCC 558- 31- 18-A K80OK 70- 10- 7-A N8DEJ 1656- 138- 12-B KABDDO 384- 64- 6-B WB8BK (+ N8CKH, WA8VPD, WB8KAY) 78,898- 632- 103-ABCDE	N8BRI (+ KA6S MQA, PYH, KQ8J, N8DVL W8KEA, WD8HNH) 26,620- 415- 55-ABCD W8OZL (+ K8DGT) 13,152- 270- 48-ABD
<b>LOUISIANA</b>	<b>SAN DIEGO</b>	<b>OHIO</b>	
KB5PX 902- 66- 11-BD N5AMA 484- 32- 11-BD W5FY 495- 55- 9-B N5BHO (+ W5EW) 9520- 153- 56-ABD	W6TIK 1197- 53- 21-ABC N8CW (+ K1LL) 46,565- 584- 67-ABCD	WB8ISK 38,548- 347- 92-ABCDE WB8CTX 15,732- 248- 57-ABD K8DIO 6228- 121- 36-BCD WA8BBR 4263- 133- 29-ABD WA8ZHE 2470- 46- 26-DE WA8XT 627- 27- 11-BDE WB8TCZ 297- 23- 9-BD N8BPB 792- 44- 18-A N8O 2223- 117- 19-B N8BJN 1921- 113- 17-B KD8FO 552- 23- 12-C W8VP (K8s AL, IOX, KNL, KA8s FRI, SSB, N8s BOZ, CQ, WSUA, WB8PRJULC, WA8FH, WB8ERB, WB8s JYL, KPI, oprs.) 85,880- 651- 108-ABCD WB8GEX (+ WB8s GEU, GEY, GFA, TCU, N8FB, WB8BN) 26,600- 320- 76-ABD	
MISSISSIPPI	<b>SAN FRANCISCO</b>	KB8ZKG 11,700- 225- 52-AB WB8TEM 10,780- 160- 55-ABCD KA8CSI 5550- 132- 37-ABD WD8FOY 3441- 92- 37-ABC N9BD/8 2328- 92- 24-ABD WB8RMW 2175- 83- 25-ABD WA8OCB 154- 14- 11-A N8EKT 726- 66- 11-B KA8GOA (+ NE8P) 160- 40- 4-B	
<b>NEW MEXICO</b>	<b>SAN JOAQUIN VALLEY</b>	<b>KANSAS</b>	
W5FF 12,430- 226- 55-AB K5E8BL 4356- 121- 36-AB W5RKS 180- 18- 10-AB W5HM (+ K5HM, W8RMK) 3276- 91- 36-AB	K86AMM 3366- 85- 34-ABE K6JKQ 2064- 50- 24-ABCDE W6HAB 15- 3- 3-BD WB4QHM 120- 20- 6-B KF6GY (+ KE6NS) 7917- 203- 39-AB	N8LL 21,255- 327- 65-AB W8ODH 952- 56- 17-AB WA8CFQ 576- 36- 16-AB AE8G 480- 60- 8-B K8DVY 343- 49- 7-B KF8M (+ KB8DW, WA8JF, WB8NRY) 28,400- 318- 80-ABCDI	
<b>NORTHERN TEXAS</b>	<b>7</b>	<b>MINNESOTA</b>	
W5GG 3880- 137- 20-BDE K5DHU 1932- 63- 21-ABDE WB5LUA (+ K5GW, KD5RO, KF5N, W5ETG, WA5s TKU, VJB) 60,996- 532- 92-ABCDEFHGI	<b>ARIZONA</b>	KB8ZQ 5616- 130- 39-ABD W8XG (+ KD8HN, VE3FIB) 13,200- 234- 55-ABD	
<b>OKLAHOMA</b>	K2DNR/7 8400- 175- 48-ABCDE WA7JTM 7644- 182- 42-AB K1SC 1007- 53- 19-A WB7BLF 25- 25- 1-B WB7SAE 1- 1- 1-B	<b>MISSOURI</b>	
W5NZS 12,152- 202- 56-ABCD K7CW 4092- 117- 31-ABD WD5AGO 3162- 93- 34-AB K5SW 1743- 59- 21-ABCD W1GOM 152- 18- 8-ABD WB5DSH 8858- 206- 43-A K5CM (+ N5s CG, KW, W8RRY/5) 85,143- 789- 101-ABCD	<b>IDaho</b>	WB8TN 2310- 72- 30-ABD N8FCJ 8721- 323- 27-B K3LNZB (K3s DUA, ICH, W3Z2, K4LHB, WA3s EOO, NZL, OW, oprs.) 100,796- 714- 113-ABCDEF N8DKL (+ KB8ZE, KC8s FW, OQ, KA8RFK, N8s BZ5, E1E) 7476- 178- 42-AB	
<b>SOUTHERN TEXAS</b>	<b>MONTANA</b>	<b>WEST VIRGINIA</b>	
WB8RUS 13,272- 237- 56-AB KC5GB 8450- 154- 50-ABD WA5IVX 1920- 60- 32-A KA5AYH 848- 106- 8-B W5UWB (+ WA5TBE) 3330- 100- 30-ABD	KB7Q 21- 5- 3-BCD	KB8ZPQ 5117- 119- 43-ABD WB8PKN 3026- 89- 34-A K9OCU 3- 3- 1-B W8UDW/0 (+ AERW, AK8P, K9CHZ, W8OHU, WD9FSA) 82,721- 541- 101-ABCDE N8IS (+ N9HH, WB9CLN, W8HBH, WB8UN) 37,367- 405- 79-ABCDE	
<b>6</b>	<b>NEVADA</b>	K8TLM (+ WA8NOK) 24,048- 298- 72-ABCD	
<b>EAST BAY</b>	K7NV 2940- 105- 28-A W7ABX 420- 28- 15-A WA8YPL/7 (+ N7BPA, KA7CV, WA8JUO) 8323- 163- 41-ABCD	WB8FY (+ KC8LX, KM8A) 9352- 155- 56-ABD	
NR8E 7611- 141- 43-ABCDE N6EIO 7392- 143- 44-ABD WAGLHD 1547- 76- 17-BCD KN5S 297- 27- 11-A N6AMG (+ N6s IG, FRI, NE, W6YKM, WB8s YIY, YKM) 58,078- 652- 71-ABCD	K3ZAP/7 (+ KB8QO, W8PH) 4995- 124- 37-ABCD	<b>ILLINOIS</b>	
<b>LOS ANGELES</b>	KB7WW 13,769- 258- 49-ABCD W7JXU 6567- 180- 33-ABD W7UDM 4466- 118- 29-ABCDFGHI W7TYR 3423- 108- 21-ABCDEFGHI K7HSJ 3366- 129- 18-ABCDEF WB7JNU 336- 21- 8-ABCD W7PUA 88- 16- 4-BD WA7RZF 280- 28- 10-A WA7BUJ (+ K7RWT, N7DB, WA7s BAC, ECY) 17,755- 304- 53-ABCD W7SAA (KB7CW, KDU, WA7AQV, WA7ZAJ, oprs.) 439- 53- 6-BCD	WB8MSV 13,104- 256- 42-ABCD WB8WMM 6600- 150- 44-AB K9MGR 2080- 80- 26-AB WD9IX 1287- 85- 13-BD W9IVI 1080- 55- 18-ABD K9PW 72- 12- 6-AB N9DBB 2816- 88- 32-A WB8STR 680- 34- 20-A N9AQ 1200- 100- 12-B WD9ARK 294- 42- 7-B KA9QPG 172- 43- 4-B WB8EEA (+ AA9D, KA9BN, N9DVS) 12,160- 267- 40-ABCD	
WB8RFE 6766- 159- 34-ABCDE W6PFE 284- 71- 4-B N6CA 1617- 49- 11-E WB6AG (+ N6JH, WA6FWI, WB6s AAG, PZL) 30,668- 394- 68-ABCD K6BPC (K6LPF, WB6VP, WA6s BFH, HDX, oprs.) 6228- 143- 36-ABCD	<b>OREGON</b>	<b>INDIANA</b>	
<b>ORANGE</b>	UTAH	WB8INTL 14,396- 205- 61-ABCD WB8EP9 10,560- 192- 55-AB N9AZC 4674- 104- 41-ABCD K9DZS 2233- 71- 29-ABD W8UT 784- 41- 14-BD WA9PKL 372- 31- 12-A KC9OD 180- 20- 9-A K9MRI (+ K9TVZ) 33,187- 391- 77-ABCD	
WB8IJJ 7980- 182- 35-ABDEF K8BXG 4266- 107- 27-ABCD NN6W 2565- 171- 5-BDE N6ENU 403- 31- 13-AB K6PFW 70- 14- 5-B N6ADV 45- 9- 5-B	<b>WASHINGTON</b>	WB8CSF (AG8S, NB8EY, N9AN, K9DZE, KA8s BWH, PGD, KC9CP, WB8SKL, WD9s CTS, EIX, oprs.) 12,528- 258- 48-ABD KA8MRI/9 (+ KF4ST, KDB8, JV, JW) 8415- 167- 45-ABD	
<b>SANTA BARBARA</b>	W7YQZ 12,600- 276- 40-ABCDFG N7NW 10,865- 229- 41-ABCD NF7X 9146- 255- 34-ABD W7ERH 540- 57- 9-ABC W7FI 5712- 168- 34-A WB7FAH 68- 17- 4-A WB7PEK (+ KA7ICT, N7CMR) 10,040- 204- 40-ABCD	<b>WISCONSIN</b>	
N6VI (+ AE8E) 31,144- 373- 68-ABCD WA6OYS (+ KA6JOE, WB8s EVS, KDB, YQN) 12,882- 274- 38-ABCD N6CFO (+ KDBJY) 530- 45- 10-BD	WYOMING	KB8NNM 6800- 170- 40-AB WA9KVS 2548- 91- 28-AB WA1IED 1044- 80- 12-BCD N9TD 936- 66- 12-BD W9NAW 1856- 64- 29-A WA9LZM 392- 28- 14-A N9DWL 180- 20- 9-A W9NHE 1150- 115- 10-B N9EEE 364- 52- 7-B W9YCV 135- 27- 5-B K9GDF 11- 11- 1-B W8UC (+ KA0GX, KA9RIH, KB9SN) 18,240- 288- 60-ABCD	
<b>SANTA CLARA VALLEY</b>	WB8FTA 5828- 188- 31-AB NE8I 3498- 108- 22-BCDE N8AKY 2470- 130- 19-AB	<b>ONTARIO</b>	
W6RXQ 16,796- 258- 52-ABDE	8	VE3ASO 22,265- 239- 73-ABCD VE3BFM 15,235- 204- 55-ABCD VE3FGU 7137- 183- 39-AB VE3OCX 5889- 122- 39-ABCD VE3EYR 4818- A26- 33-ABCD VE3HCI 980- 45- 20-ABC VE3AQG 1288- 92- 14-B VE3LNX (+ VE3s ADJ, NSQ) 34,040- 359- 74-ABCD VE3VA (+ VE3s CDN, FGN) 14,550- 234- 50-ABCD VE3FHK (+ VE3s FHU, NPB, OJN, oprs.) 3978- 93- 14-B	
<b>SASKATCHEWAN</b>	<b>COLORADO</b>	<b>SASKATCHEWAN</b>	
VE5LY 987- 47- 21-A	W8OETT 16,068- 292- 52-ABD K8OST 3420- 109- 30-AC W8KJY 3332- 98- 34-AB WA6ERB 3051- 95- 27-ABD KD8GS 1940- 81- 20-ABD W8KJY 112- 14- 4-CD W9MHL 6642- 162- 41-A AD8R 944- 59- 16-A W8OHP/0 120- 20- 3-D W8OJR (+ KA8CDN, KA8O, KY8S, N8COX, W6OAL, W8RSJ) 48,983- 610- 73-ABCD	VE5LY 987- 47- 21-A	
<b>BRITISH COLUMBIA</b>	<b>CHECK LOG</b>	KEYA	
VE7ASI 1024- 54- 16-ABCD		QST	