

# June VHF QSO Party 

 Results
## REPORTED BY RICK NISWANDER,* WA 1PID

WHILE THE REST of the country basked in the warm glow of sporadic $E$, the East Coast shivered through poor conditions and unseasonably cold weather. Mountaintoppers in the Northeast found heavy coats and mittens the order of the day as temperatures plummeted as low as zero in some places. The going was rough and only those with above average antennas could cope with the lack of tropo and sporadic E.

Comparing multi-operator scores in an area with past performances is a good way of indicating how good or bad conditions were. In all cases except one, the big multi-op scores in the Northeast were down about $20 \%$ from last year. WA1MUG, W1DC/1, K1PXE, WB2GKE/1, and WA2WEB/2 fell prey to the ionosphere although all had excellent scores and finished in the top six. The only exception was the gang at W3CCX/3 who managed to snap their own two-year-old Atlantic Division record by about 2000 points with a score of 76,818 . They were helped by an improved antenna system and the utilization of more UHF bands, which resulted in their placing second among multi-ops.

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A new country for many on 6 meters was VP5RS, here manned by Joe, WB4OSN. The group amassed 230 two-ways in the contest and throughout their 6 day stay at VP5 worked 44 states and 4 countries.

It was COLD at multi-op WB2GKE/1 in Vermont. WA2AOL etched his friendly (or funny) greeting in the frost on the window. The temperature dropped to 15 degrees and for the first time in 10 years it snowed in June. Their comments about the weather were real chillers.

It took K6KLY/6 ten years to break their Pacific Division multi-op record of 14 K . We hope their new mark of 24,035 doesn't stand until 1982. Multi-op stations K6TJL/6 and WB6KBZ also broke the 1962 record but had to settle for second and third behind K6KLY/6 in the division leader race.

K6YNB drove his camper truck from sunny Garden Grove to the deserts of Nevada and made 303 VHFers happy. Wayne missed breaking 20K but he just about doubled the old Pacific Division record while nabbing fourth nationwide. This is the first time in many a year that a seven has appeared in the top 10. Excellent, Wayne. Dig out your copy of August 1971 QST for Wayne's story of his camper.

Washington multi-ops W7DZO/7 and W7VE/7 made good use of the sporadic $E$ openings to snap the 1969 Northwestern Division record with W7DZO/7 coming out on top in the final analysis.

For the June 10-12 QSO Party logs were received from 378 participants, 90 in the multi-op catagory, representing 67 sections and 3 foreign countries. Certificates are scheduled for an October 15 mailing.

Many thanks to 8P6EN; W4GDS, WB4BND and WB4OSN (the gang at VP5RS); XE2XN, K5HVC, K5KYD, and W5QDB who signed XE2XN from Mexico. Your efforts are greatly appreciated.

Comments and suggestions about the VHF QSO Party rules may be addressed to your Contest Advisory Committee representative (W1BGD, W2EIF, W3GRFchairman, W4UQ,K5TSR, W6DQX, WA9UCE, WØHP, VE2NV and KH6IJ). Let them know what you want.

Depending on your point of view this contest was great, mediocre, or lousy. We hope that next year is better for all of you.

## SOAPBOX

The contest activity from this area was excellent and band conditions were exceptional. (K7VNU) E skip in this year's contest was poorer than last year. The band was open to the low population west and south. The result was 31 sections but not many contacts. - (WAめVJF) In strict adherance to Murphy's Law the rotor died just before the contest. - (WA3MPO) The most startling part of the contest was the late evening double-hop to Washington that went on for hours. - (WA5IYX/5) Conditions here during this contest were very poor. Skip was not of the best and to very limited areas while tropo was almost nonexistent due to the large cold front that went through just prior to the contest. - (WA3DMF)

The 2 meter SSB position at K6TJL/6 was a little drafty. Operating from the bed of the truck, 2 meter operator K6DTR garnered 10 sections and probably got a good suntan.

## DIVISION LEADERS

| Single Op. | Division | Multiop. |
| :--- | :--- | :--- |
| WA3NZL | Atlantic | W3CCX/3 |
| K9HMB | Central | WB8HUC/9 |
| WBøELN | Dakota | K9UYK/ $\emptyset$ |
| WA5TTH | Delta | W5UK/5 |
| K8LEE | Gr. Lakes | W8CCI |
| K2DEL | Hudson | WB2SIH |
| WA $\emptyset Z W F ~$ | Midwest | KøTLM |
| K1GYT | New Eng. | WA1MUG |
| WA7KYZ | Northwestern | W7DZO/7 |
| K6YNB/7 | Pacific | K6KLY/6 |
| K4PCL/4 | Roanoke | K4LVV/4 |
| W9MHL/ | Rocky Mt. | W5TDZ/5 |
| W4OJU | Southeastern | K6.. |
| W6NLO | Southwestern | K6BPC/6 |
| W5SXD | West Gulf | WB5DSH |
| VE7XF | Canadian | VE3ONT |
| 8P6EN | Foreign | XE2XN |



October 197豆rom October 1972


Wow! Six meters sounded like 20 meter Phone during Saturday. - (W6SF) Added new states to my 432 list. Actually I doubled my total, now I have four. - (K2UOP/4) Contest activity seemed to be off this year again to continue a trend I seem to have been noticing for the last three years at least. This problem was compounded by some of the worst propagation conditions I can remember for a VHF contest in the last 15 years. - (W1EUJ) It appeared I was on the edge of the openings, 100 miles west did much better and 100 miles east could not hear what I did. Had a lot of fun but lost twice as many contacts as I made. - (WA3ODA/4) Conditions as poor as I ever saw in June, as far as tropo is concerned what with record low temperatures all through the Northeast. Some E's but nothing like what has been almost daily fare since early May. We are having the best 6 meter summer DX season I can recall but it let up for the contest, of course. - (W1HDQ) Sporadic E was everlasting. - (W7VE/7) Band open every day for 43 consecutive days. The contest comes along and zilch. - (WB4MJY) Generally speaking activity on 6 meter SSB and AM was down and 2 meter SSB and AM were almost nonexistent. - (WA2QLK) Band conditions were below average here due to

From the top of 8000 foot Mount Frazier in the Santa Barbara section, K6BPC/6 ran up the highest multi-op score west of Ohio, good enough for 8th place among multi-ops. Shown here are the operating positions for 144 and 432 MHz . When this picture was taken the 432 rack was adaquately perking but it spewed out clouds of smoke early Sunday morning when it turned out to be the only equipment plugged in when the generator was restarted. Sounds like Field Day.
the combined high winds and extreme cold. How does 32 degrees grab you for a June evening? (VE3ONT) [That's a chilling prospect.-Ed.] Best band opening ever experienced. - (WA5QCP) Four North Carolina operators sure had a ball from a small hill in South Carolina. - (K4LVV/4) Our generator worked exceedingly well, producing a measured output of 200 VAC which blew one fuse before we cranked it down to 120. - (W5KA/5) Conditions poor. Weather 28 degrees. (WA2JOQ) Once again we had beautiful E's to the western states prior to the contest, then rather poor conditions during the contest. - (W3CCX/3) Contest propagation was disappointing considering the past month and a half of excellent E's. (K $\emptyset \mathrm{LCB})$

## SCORES

Scores are listed by W/VE call areas and sections within call areas. The top single-operator scorer in each section receives a certificate award. Multiple-operator scores are shown at the end of each section tabulation; in sections where at least three such entries were received, the top multioperator scorer receives a certificate award. Asterisk following call indicates Headquarters staff member, ineligible for award.

Columns show final score, total number of contacts, section multiplier, and bands used. A represents 50 MHz .; B, $144 \mathrm{MHz} . ; \mathrm{C}, 220 \mathrm{MHz}$.; D, $432 \mathrm{MHz} . ; \mathrm{E}, 1215 \mathrm{MHz}$. and above.


| Eastern Massachusetts | Rhode Island |
| :---: | :---: |
| K1AGB 12,390-179-59-ABCD | WIFEO 21- 7-3-B |
| W1EUJ 5670-124-42-ABCD | K1ABR (+K1s IKN VOB) |
| WAlled 1360-58-20-ABCD | 13,622-261-49-ABD |
| WA1FCD 1350-90-15-AB | Vermont |
| K1OJQ 1302-50-21-BD | Vermont |
| K9AQP/1 752-23-16-CDE | K1GYT 12,720-240-53-AB |
| WAIMKE 592-74-8-A | K1LJG 128-16-8-AB |
| WAINQV 344-43-8-A | WB2GKE/1 (K2s LCK OVS WA2s |
| K1PTY 105-15-7-A | AOL BAT DBD EKX FZW ZOW |
| W1JOT 28- 7-2-D | WB2s UQT WHC WIK) |
| W1MHL/1 (K1MON WA1s KFJ | 45,056-471-88-ABCD |
| KPX MYD) 3124-139-22-ABC | WA1DLA/1 ${ }^{+}+\mathrm{WlAIM}$ WA1s JEX |
| 3124-139-22-ABC | LCI MAG NBU NTM WA2GWV |
| WAlOZI (+WAls OAM PBU | WA9TWW) |
| WNIONB) 1218-87-14-AB | 7095-213-33-ABD |
|  | Western Massachusetts |
|  | K1ULZ $500-50-10-\mathrm{AB}$ |
| W1YTW 5360-104-40-ABC | WIFMF 196- 28-7-AB |
| K1MTJ 570-38-15-AB | K1ZND/1* 1- 1-1-B |
| WA IOEG/1 (WA1s DYU IYD MSK | WAIMUG + +K1s FXY JMG PQY |
| OML) | ZND WIKZS WAls HCO HSO IQ J |
| 3876-204-19-AB | JLD MXL NLT K2TXB WA2SPL |
| New Hampshire | WB2s DUS MBI OEU SQN) |
| WAlFSZ/1 1805-91-19-ABD | WAllam/l ${ }_{\text {( }+ \text { 80,634-836-89-ABCD }}$ |
| W1JSM 198-22-9-B | WAIIAM/1 (+WAIS IAN LIM) |
| W1DC/1 (K1s CQX CRN KEC MUC | 2 |
| NZQ SVF TWF W1s BXI EZA GGM | Eastern New York |
| IRH JVL KSI NPN OOP PVF QXX |  |
| WAls DRO EIH GVH HON IZO | W2CRS/2 12,354-183-58-ABCD |
| LXU PHR K4GGI) | WA2VTR 910-41-14-BDE |
| 73,584-781-84-ABCDE | W2GKR 630-42-15-B |


| K2GSF | 480-60-8-B | Eastern Pennsylvania | W4GG/4 (W4s ACY MR WA4s EIM MYQ WB4s APF DBB UJH) |
| :---: | :---: | :---: | :---: |
| WA2RUW | 403-31-13-AB |  |  |
| K2ARO | 342-19-9-D | WA3LKO 6408-178-36-AB | 1501. 79-19-AB |
| W2HF | 32- 5-4-BD | K1JDY/3 2970-110-27-A | K4SAN/4 (+WB4ORT) |
| WB2VFC/2 | 24- 8-3-B |  | 935-55-17-AB |
| WB2SIH (+WA1GWS WA2s OMT |  |  | K4NHO/4 (+WA4YHY) |
| ROJ) |  |  | 40-10-4-A |
| 17,808-318-53-ABC |  | W3ETB 891-78-11-ABC | South Carolina |
| WA 2CAC/2 WB2VUK) | 2 (+WA2s GNI LSZ | W3GOA 615-41-15-A |  |
|  |  | WA3MPO 222-37-6-AB | WB4MJY 774- 43-18-AB |
| WB2FKJ/2 (W1HOI K2s TWY UKE |  | WA30TG 112-28-4-A |  |
| W2s AWX WB2HDS | KBH YPM WA2HAQ | WA3KFT ${ }^{\text {WN3OZF }}$ 48-16- $12-\mathrm{A}$ | WB4SPV) |
|  | G3MNM) | W3CCX/3 (K1SFF W2EIF WA 2 KOI | 7995-205-39-AB |
|  | 4110-118-30-ABD | WB2SZK K3s BPP GAS IPM IUV | Tennessee |
| WA2YJF/2 | (+WA2FUZ) | JJZ PLS UJD ZKO ZSG W3s CJU |  |
|  | 3000-94-30-ABCD | CL HKZ ZD WA3s AXV BIV DNC | WA4WDU 1536-64-24-A |
|  | N.Y.C.-L.I. | LNH NFV NGK) | WB4VNO 1323-63-21-A |
| WA2QLK | 3288-137-24-AB | 76,818-692-93-ABCDE | ZXB) |
| DDK | 2408-86-28-AB | VFX) | 4089-141-29-AB |
| K2RIW | 2040-60-17-D | 27,075-335-75-ABCD | Virginia |
|  | 1449-53-23-ABCD | WA3RZO/3 (K3ZSG WA3s DNC | Viginia |
| W2FTH | 1302-93-14-B | FVK MIX MKS PIR) | K4PCL/4 8084-172-47-AB |
| WA2MZH | 910-65-14-AB | 15,455-261-55-ABCD | K2UOP/4 4960-151-31-ABD |
| WA2SLY | 801-89-9-B | W3ARW (+K3SQO W3GF) | W4UCH 1452-55-22-ABCD |
| WA2RRG | 582- 97- 6-B | 6ARW (+K378-120-46-ABCD | W4FJ 462-18-14-AD |
| W2GFF/2 | 352- 44- 8-B | K3YFD (WA3s MCK NNT RLW) | K4FTO 248-31-8-B |
| W2KXG WA2MJK/2 | 250-50-5-A | K3YFD (WA3s MCK NNT-RLW) | WB4TWW/4 (+WB4TWX) |
|  | 147-21-7-A | 2210-130-17-AB | 2967-129-23-AB |
| W2RAK/2 <br> GPJ KWC | (W2NXT WB2s CUW | Maryland-D.C. | Western Florida |
|  | RVG UIX YZX ZEX | WA 3NZL 8160-204-40-AB |  |
| ZKT) |  |  | WA 3ODA/4 4182-102-41-A |
|  | 13,524-249-49-ABD | W3GN 4988-172-29-AB | W4CSS 594-33-18-A |
| WB2IGT (+WA2NAS) |  | $\text { WB4JGG/3 } 3159-117-27-\mathrm{A}$ | West Indies |
| 3645-135-27-AB |  | W3CJK 1332-64-18-BD |  |
| Northem New Jersey |  | W3LUL 1200-60-20-B |  |
| K2DEL | 25,578-382-58-ABCD | WA3DMF 1005-67-15-AB | 5 |
| K2OWR | 23,919-334-67-ABCD | K3MWQ 994- 71-14-AB |  |
| WB2CST | 5518-160-31-ABCD | W30TC 915-61-15-AB | Arkansas |
| WB2CUM | 2940-140-21-AB | W3HB 728-56-13-B | K5BXG/5 (+WB4LHD K5WVX |
| W2UK | 2775-51-37-BD | W3QU ${ }_{\text {WA3LTJ/3 }}$ 240-30-8-AB | W5WAX WA5s CHK RBH UMP |
| W2OMS | 2185-44-23-DE | WA3LTJ/3 126-19-6-AE | VDH YHN WBSBHS) |
| W.2FWM | 720- 45-16-B | W3MSN 100-20- 5-AB | 11,816-211-56-AB |
| WA2EUO | 364- 28-13-B | W3JEH 68-17-4-B |  |
| W2DZA | 304-29-8-BC | WA3OIB 8- 4- 2-B | Louisiana |
| W2CVW | 276-20-12-ABCD | WA3ORU 4 4- 4-1-B |  |
| WB2CUT | 245-35-7-AB | W3PGA/3 (K3s PHH YGC YSI YZY | WA5TTH 14,674-25 3-58-A |
| WA 2FUI | 102-17-6-B | W3s JDF ROJ VRD WA 3FHV) | WB5CZV 4248-118-36-A |
| K2RLW | 24- 8-3-B | 6048-159-36-ABD | WA5QBX 2494-86-29-A |
| W2ODV (WA2FUI, opr.) |  | A3s EOP EOQ NOA) | Mississippi |
| W2ODV (wa | 18-6- | 5577-169-33-AB |  |
| WA2UDT (+WA2PKY) |  | WA3LOS (K2ODL WB2JSS) | WB4UYO/5 230-23-10-A |
|  | 2808-156-1 | 1824-72-24-ABC | W5UK/5 (WA5VCF WB5s AEH |
| WA2JRZ/2 (+WB2YPW) |  |  | AJM) |
|  | 1512-126-12-B | Western Pennsylvania | 16,017-281-57-A |
| WB2ENJ (WA2s AUH YYN) |  |  | New Mexico |
| 378-42-9-A |  | W3BWU WA 3HUR $\quad 2576-112-23-A B$ | WBSCAG 3168-96-33-A |
| Southern New Jersey |  | W3DJM 196-28-7-A | W5DO 903-43-21-A |
|  |  | K3YVN (+W3IOH) | W5QNQ/5 8-8-1-B |
| WB2LGJ | 1156-65-17-ABC | 540-45-12-A | WB5BHN 8- 8-1-B |
| WA2WEB/2 | 2 (9. oprs.) $67842-102-A B C D E$ | 4 | W5TDZ/5 (+K5EFW) |
|  | 67,830-542-102-ABCDE | Eastern Florida | 8888-202-44-A |
| K2BWR ( + K2ZRJ) |  |  | W5IXS/5 (+W5IXR) |
|  | 7830-136-54-ABC | W4OJU 17,442-459-38-AB | 525-35-15-A |
| LN/2 | + WB2YEH) | K4BNC 9372-213-44-AB |  |
|  | 3328-104-32 | WA4HNQ 2997-111-27-A | Northern Texas |
| Western New York |  | WB4PEN 2948-134-22-AB | ASLUM 9270-206-45-A |
|  |  | WA8YYW/4 1100-44-25-AB | WSSWY 7320-183-40-AB |
| WA2THS | 4608-144-32-AB | KøECG/4 9- 3- 3-A | WA5ZUC 4658-137-34-A |
| K2LDU | 1105- 57-17-ABD | Georgia | KSIVB/5 3540-118-30-A |
| WB2MXS/2 | 430-43-10-A |  | Oklahoma |
| W2WGL | 348- 29-12-B | WA4NJP 7728-161-48-AB |  |
| WA2TEY | 210-21-10-AB | K4FRH 3600-90-40-AB | WASVHN 8360-209-40-AB |
| WA2HYK | 198- 22-9-B | WB4WMT 1512-63-24-A | WB5DSH (+WB5CTS) |
| K2JIQ | 144-18- 8-B | W4ISS 464-29-16-AB | 11,904-248-48-A |
| W2DMK/2WB2s BSI | (+K2RRM WA2IKO | W4WDH 45- 9-5-B | Southern Texas |
|  | RRK) | Kentucky |  |
|  | 2808-104-27-AB | Kentucky | W5SXD 19,398-310-61-ABCDE |
| WA2JOQ (W2EUQ WA2BPE WB2s |  | WA4CQG 4224-128-33-A | WA5IYX/5 4864-128-38-A |
| PMi RKD) |  | K4CO/4 (K4JBV WA4NXD | WASQCP 3168-88-36-A |
|  | 2700-105-25-ABC | WB4HDW) | W5VV 2044-73-28-AB |
| WA2GJA/2 | (+K2LFB) | 8307-209-39-ABC | WA5TXB 1932-69-28-A |
|  | 360-36-10-AB | WB4QGO (WB4s FDK UQF) | W5KA/5 (WA3GBU K5s EJL FRK |
|  | 3 | 2700-100-27-AB | W5RJA WA5s SPN ZBJ ZBK WB5s |
| Delaware |  | North Carolina | DQE FMA WN5s EYL GIV) |
| WA3QPX | 4968-127-36-ABD | WB4LDO/4 2944-92-32-AB | $5379-163-33-\mathrm{AB}$ |
| W3CGV | 1750-59-25-ABCDE | K4ROM 2268-81-28-A |  |
| WA3QND | 1072-67-16-AB | WB4LDP 528-33-16-AB | East Bay |
| W3BHG | 928- 58-16-B | WA4WZQ/4 (+WA4s JCF WZP | WB6NMT 7644-133-49-ABCD |
| WA30Ya | 660-44-15-B | WB4UDS) | K6RNQ 6380-145-44-A |
| WA3IID | 76-19-4-B | 2262-87-26-AB | W6OMF 792-33-24-A |

WB6KBI 28-14-2-B K6KLY/6 (+WA2CJK W6YKM WA6JUD)

24,035-400-55-ABCD

## Los Angeles

$\begin{array}{ll}\text { K6SSN } & \text { 6601-151-41-ABCD } \\ \text { W6FIG } & 5980-128-46-\mathrm{ABCD} \\ \text { WB6FVO } & 1872-72-26-\mathrm{A} \\ \text { WB6IEN } & 544-34-16-\mathrm{A} \\ \text { WA6BJP } & 448-32-14-\mathrm{A} \\ \text { WA6HXM }\end{array}$
WA6HXM (+K6s KSY PYH SVL
WA6s IBZ OLE OZC SQU WB6s NML OKK WAX)

23,684-361-62-ABCDE
WA6FRP (+WA6MBP)
130-26-5-AB

| Orange |  |
| :--- | :--- |
| K6IBY | $2816-80-32-A C$ |

## Santa Barbara

K6BPC/6 (K6QPH WA6s ARC BFH DSN MEM ZNP WB6s FSE IMV MWT RAJ RAL RIV YVP)

28,096-409-64-ABCDE
W6OAL/6 (+K6LBV W6MZC WB6s IMM LLT)

11,424-200-5 1-ABCDE
Santa Clara Valley

| W6KQG | 9776-208-47-A |
| :--- | :---: |
| WB6KAP | $5076-132-36-A B C D$ |
| K6QAX | $3410-90-31-\mathrm{ABC}$ |
| WB6JON | $1220-61-20-\mathrm{AB}$ |
| WA6UAP | $876-45-12-\mathrm{BCD}$ |
| WB6FFC | $600-60-10-\mathrm{AB}$ |
| W6GWQ | $300-25-6-\mathrm{BC}$ |
| WA6UAM | $285-42-5-\mathrm{BC}$ |
| W6FZJ | $192-16-6-\mathrm{D}$ |
| WB6LLD | $80-40-22 \mathrm{~B}$ |
| W6LLP | $30-15-2-\mathrm{B}$ |
| W6T |  |

K6TJL/6 (K6DTR W6s OCP VG WA6s GYD KKK) 23,450-300-70-ABCD
WB6KBZ (+K6GSS) 17,050-276-55-ABCD
San Diego
W6NLO 12,546-238-51-ABCDE
W6QED 8190-188-42-ABD
San Francisco
WA6PYN 980-70-14-AB
San Joaquin Valley
WA6NRV $10,659-178-57-A B D$ W6SF (W6YKS, opr.)

| MW/6 | 3990-114-35-A |
| :---: | :---: |
| W6YEP/6 | 3968-128-31-AB |
| WB6NFT | 1440-60-24-A |
| Sacramento Valley |  |
| WB6NKO | 8789-187-47-A |
| W6DOR | 819-39-21-A |
| WB6ASU/6 (+WB6s DTB QQF) |  |
|  | 630-40-14-A |

7
Arizona


| Min. Sections | 30 | 15 | 4 | 3 | 1 | WA 3 QPX | 17 | 11 |  | 8 |  | WB6KBZ* | 41 | 6 | 5 | 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MHz. | 50 | 144 | 220 | 4321 |  | WA3RZO/3* | 30 | 14 | 5 | 6 |  | WB6NKO | 47 |  |  |  |  |
| VE3ONT* | 36 | 7 | 5 | 6 |  | WA2CPQ/3* | 37 | 20 | 10 | 8 |  | WB6NMT | 40 | 3 | 5 | 1 |  |
| K1ABR* | 25 | 16 |  | 8 |  | K4BNC | 43 | 1 |  |  |  | K7DVK | 33 | 2 |  | 2 |  |
| K1AGB | 20 | 17 | 10 | 12 |  | K4CO/4* | 33 | 3 | 3 |  |  | K7ICW | 38 | 3 | 1 | 1 |  |
| KiGYT | 37 | 16 |  |  |  | K4FRH ${ }^{\text {K4LVV/4* }}$ | 36 | 4 |  |  |  | K7IEY/7* | 30 | 3 | 2 |  |  |
| K10JQ |  | 14 |  | 7 |  | K4LVV/4* | 34 | 5 |  |  |  | K7NEQ | 34 | 1 |  | 1 | 1 |
| K1PXE/1* | 31 | 17 | 13 | 14 | 10 | K4PCL/4 | 40 | 7 |  |  |  | K7PXI | 34 |  |  |  |  |
| K1VYU* | 20 | 11 | 2 | 5 |  | K2 | 14 | 13 |  | 4 |  | K7VNU | 30 | 2 |  |  |  |
| K9AQP/1 |  |  | 7 | 8 | 1 | W40ju | 3 |  |  | 11 |  | K6YNB/7 | 46 | 7 | 5 | 4 |  |
| W1DC/1* | 33 | 19 | 11 | 15 | 6 | W4UCH | 37 | 1 |  |  |  | W7DZO/7* | 32 | 4 | 2 | 2 | 2 |
| W1EUJ | 23 | 9 | 7 | 3 |  | WA4COG | 33 | 8 | 3 | 4 |  | W7FN | 32 | 3 |  |  |  |
| WIQAX | 13 |  |  | 3 |  | WA4NJP | 73 45 |  |  |  |  | W7VDZ | 34 |  |  |  |  |
| W1YTW | 11 | 13 | 7 | 9 |  |  | 4 | 3 |  |  |  | W7VE/7* | 35 | 3 |  |  |  |
| WA1FSZ/1 | 9 | 6 |  | 4 |  | WA3ODA/4 | 41 |  |  |  |  | W7ZSL/7* | 27 | 2 |  | 1 | 1 |
| WAIIED | 7 | 6 | 4 | 3 |  | K5BXG/5* | 51 | 5 |  |  |  | WA7BBM* | 38 | 1 |  |  |  |
| WA1MUG* | 39 | 20 | 16 | 14 |  | K51VB/5 | 30 |  |  |  |  | WA7FPO | 38 |  |  |  |  |
| WB2GKE/1* | 40 | 21 | 12 | 15 |  | W5KA/5* | 31 | 2 |  |  |  | WA7JTM | 38 | 1 |  |  |  |
| K2ARO |  |  |  | 9 |  | W5SXI | 37 | 3 |  |  |  | WA 7 KYZ | 36 | 1 |  |  |  |
| K2BWR* | 33 | 13 | 8 |  |  | W5SD | 51 | 6 | 1 | 2 | 1 | K8LEE | 60 | 4 |  |  |  |
| K2DEL | 26 | 15 | 8 | 9 |  | WSTDZ/5** | 44 |  |  |  |  | K8RPL |  |  |  | 0 |  |
| K2LDU | 8 | 5 |  | 4 |  | WSUK/5* | 57 |  |  |  |  | K8SUB | 30 |  |  |  |  |
| K2OWR | 32 | 19 | 10 | 6 |  | WAsIYX/5 | 38 |  |  |  |  | K8UQA | 14 | 4 | 1 | 5 |  |
| K2RIW |  |  |  | 17 |  | WASOCP | 45 |  |  |  |  | W8CCl* | 56 | 11 | 6 | 1 |  |
| W2CRS/2 | 23 | 15 | 10 | 10 |  | WA5TTH | 58 |  |  |  |  | W8KPY | 4 | 4 |  | 3 |  |
| W2CVW | 7 | 10 | 4 | 2 |  | WA5VHN | 39 | 1 |  |  |  | W8UCI | 34 |  | 4 |  |  |
| W2GKR |  | 15 |  |  |  | WA5ZUC | 34 |  |  |  |  | W8VA/8* | 31 |  |  |  |  |
| W2OMS |  |  |  | 17 | 6 | WB5CAG | 33 |  |  |  |  | WA 8PEB | 51 |  |  |  |  |
| W2RAK/2* | 26 | 15 |  | 8 |  | WB55DSH* | 36 |  |  |  |  | WA8ZUQ/8 | 35 |  |  |  |  |
| W2SEU | 9 | 8 | 4 | 2 |  | WBSDSH* | 48 |  |  |  |  | WA4TFZ/8* | 31 | 1 |  |  |  |
| W2UK |  | 21 |  | 16 |  | K6IBY ${ }^{\text {K }}$ | 42 | 9 | 2 | 6 | 5 | WB8BGY | 39 | 3 |  |  |  |
| WA2THS | 30 | 2 |  |  |  | K6KLY/6* | 39 | 7 | 4 | 5 |  | WB8IWI/8* | 52 | 16 |  |  |  |
| WA2UDT* |  | 18 |  |  |  | K6QAX | 25 | 2 | 4 |  |  | K9EK1 | 41 |  |  |  |  |
| WA2VTR |  | 5 |  | 5 | 4 | K6RNQ | 44 |  |  |  |  |  | 50 | 10 | 6 | 5 |  |
| WA2WEB/2* | 35 | 19 | 18 | 20 | 10 | K6SSN | 29 | 6 | 3 | 3 |  | W9YT |  | 4 |  |  |  |
| WA2YJF/2* | 13 | 12 | 2 | 3 |  | K6TJL/6* | 46 | 10 | 8 | 6 |  | WB9JFT* | 32 | 10 |  |  |  |
| WB2CST | 17 | 9 | 2 | 3 |  | K6ZMW/6 | 35 |  |  |  |  | WB8HUC/9* | 55 |  |  |  |  |
| WB2FKJ/2* | 6 | 17 |  | 7 |  | W6FIG | 40 | 4 | 1 | 1 |  | KaCLJ | 43 | 5 |  |  |  |
| WB2SIH* | 30 | 14 | 9 |  |  | W6FZJ |  |  |  | 6 |  | KgLCB | 31 |  |  |  |  |
| W3ARW* | 14 | 16 | 10 | 6 |  | W6GWQ |  |  | 4 | 2 |  | KgSUV | 31 | 5 |  |  |  |
| W3BHG |  | 16 |  |  |  | W6KQG | 47 |  |  |  |  | KめTLM* | 39 | 7 |  | 2 | 1 |
| W3CCX/3* | 35 | 18 | 17 | 15 | 8 | W6NLO | 39 | 5 | 3 | 3 | 1 | K9UYK/6* | 43 | 9 |  |  |  |
| W3CGV | 12 | 5 | 3 | 4 | 1 | W6OAL/6* | 32 | 6 | 3 | 6 | 4 | W@PFP | 36 |  |  |  |  |
| W3CJK |  | 12 |  | 6 |  | W6QED | 31 | 7 |  | 4 |  | W9MHL/¢ | 41 |  |  |  |  |
| W3LUL |  | 16 |  |  |  | W6SF | 44 |  |  |  |  | WAgSYS/¢ | 33 | 1 |  |  |  |
| W3PGA/3* | 18 | 11 |  | 7 |  | WA6HXM* | 43 | 8 | 4 | 6 | 1 | WA¢VJF | 31 |  |  |  |  |
| WA3LOS* | 13 | 7 | 4 |  |  | WA6NRV | 43 | 9 |  | 5 |  | VP5RS* | 39 |  |  |  |  |
| WA3LTJ/3 | 5 |  |  |  | 1 | WA6UAP |  | 5 | 3 | 4 |  | XE2XN* |  | 1 |  |  |  |
| WA3NZL | 32 | 8 |  |  |  | WB6ASU/6* | 5 | 4 | 4 |  |  | * Multioperat | Sta |  |  |  |  |
| WA3OYA |  | 15 |  |  |  | WB6KAP | 26 | 4 | 2 | 4 |  |  |  |  |  |  |  |


|  | Washington | W8UCI | 3990-127-30-ABC | WA8TYF | 184-23-8-AB | 9 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9102-246-37-AB | W8NOH | 1890-90-21-AB | WB8FEZ/8 | 74- 37-2-B | Illinois |  |
| W7FN | 8820-252-35-AB | W8DBL | 1691-89-19-AB | W8LGI | 70- 8- 5-ABCD |  |  |
| K7DBR | 8820-252-35-AB | WB8EIY | 1580-79-20-AB | W8EVY | 57-16-3-ABC | K9HMB 18 | 8,886-252-71-ABCD |
| K7DBR | $6815-235-29-A B$ $5510-190-29-A$ | K8HWW | 1512-79-18-ABC | W8RQV | 56-10-4-ABCD | W91VI | 1140-76-15-AB |
| W7DVB | 5510-190-29-A | WA8PIE | 1480-148-10-B | K80GH | 15-5-3-AB | W9ABA | 845-65-13-AB |
| K7WIA | 4992-156-32-AB | WA8LBH | 1330-93-14-ABC | W8CCI (K8 | s TCR TTV W8ULC | W9JGV | 462-66-7-B |
| K7WIA | $4592-164-28-A$ $3000-120-25-A B$ | WA8LLY | 696-87-8-B | WA8s EJH | LZH NJR PAM TYF | W9MLF | 364-52-7-B |
| K7QFW | 3000-120-25-AB | WB8JXF | 690-69-10-AB | WMH WXT | ZXE WB8s EEX FAG | K9TSX | 252-28-9-A |
| WA7PVE | 1350-90-15-A | W8CVQ | 385-30-11-ABD | GMZ) |  | WA9UCX | 225-45-5-AB |
| W70CV | 490-49-10-AB | K8NNU | 300-50-6-B |  | 36,778-486-74-ABCD | WA9ZYG | 124-31-4-B |
| W7DZO/7 | ( +K 7 s BBO HTZ IDX | WB8CKW | 270-54-5-B | WB8IWI/8 | +K8MMM WA8s FCM | WB9AXH | 120-30-4-B |
| WA7s B | BJ JBG) | WB8ATZ | 201-67-3-B | LRE) | +K8MMM WA8s FCM | WA9QZE (+WA9TCW) |  |
|  | 15,876-364-42-ABCDE | WA8ZCO | 148-37- 4-B |  | 24,616-362-68-AB | 7293-221-33-AB |  |
| W7VE/7 | WB6HIL K7s GWE TUO | WN8ITJ | 26-13-2-B | WA8HZK | WA8s JRX TGX) | W9BGX (WA9s KIO ULU ZPLWB9ASP) |  |
| WA7s | RG QBS) | WB8IDD | 21-7- 3-AB | WA8HZK | 3780-126-30-AB |  |  |
|  | 15,656-412-38-AB | WA8JXE/8 (+WA8KDP WB8IJI) |  | W8BI (W8D | DPW WA8UUX WB8s | K9DTB (+WB9EUW) ${ }^{\text {7140-210-34-AB }}$ |  |
| W7ZSL/7 | (+K7WTG WA7s EBH |  |  | FRQ ILW IM | MY IOR JKY) |  |  |
| ELI) | 8835-280-31-ABDE |  | 1092-78-14-AB |  |  | WB9JFT (+WB4VLH) ${ }^{\text {4830-161-30-AB }}$ |  |
| K7IEY/7 | +K7MQF WA7EHE) 6650-187-35-ABC |  | Ohio | W8KEL (+W | A8WLR) <br> 1491-71-21-A | WB9JFT (+WB4 | $\begin{aligned} & \text { VLH) } \\ & \text { 2304- 72-32-A } \end{aligned}$ |
| W7EK/7 (W7UGK WA7s LZE OJI) |  | K8LEE <br> WA8PEB | $\begin{aligned} & 26,560-415-64-A B \\ & 14,076-276-51-A \end{aligned}$ |  | 1491-71-21-A | Indiana |  |
| W7HMJ/7 | (+K7IKC W7s FBV JHK | W8KPY | 9456-197-48-AB |  |  | K9EKI | 6888-168-41-A |
| YOU WA7 | AQR) 1407-67-21-A | WB8GZQ | 5248-164-32-AB | WA4TFZ/8 | (K3MBQ K4RKA WB4s | K90CB | 5372-158-34-AB |
|  | Wyoming | WA8ZUQ/8 | 4760-136-35-A | BW) |  | K9UVJ | 2438-104-23-ABC |
|  |  | K8SUB | 3420-114-30-A |  | 812-186-42-AB | W9HLY | 351-31-9-BC |
| W7VDZ | 8296-244-34-A | K8UQA | 2016-70-24-ABCD | WA 8 FSE/8 | (K8KML W8AEC | WB9AOU | 175-35-5-B |
|  | 8 | K8MPR | 896- 64-14-A | WA8YHE W | B8s EKG IJW) | WB8HUC/9 (WB8s GEU GEX GEY |  |
|  | chigan | K8ZES | 759-61-11-BCD |  | 7783-181-43-AB | GFA) 13,620-227-60-AB |  |
|  |  | WA8MEM | 455-35-13-A | W8VA/8 (WA | WA8s CGR HVM KC |  |  |
| WB8BGY | $9030-215-42-\mathrm{AB}$ | K8RPL | 300-15-10-D | WB8AQU) | 4867-157-31-A |  |  |



