

ARRL September VHF Contest 2025 Full Results

By Jim Wilson, K5ND (jim@k5nd.net)

The total number of entries in 2025 was 559, a significant decrease from 646 in 2024 and 706 in 2023. For more details, see the total log chart and the detailed analysis section. Conditions this year were difficult, as is typical for September on the VHF bands.

This report highlights the winners in each category and provides a deeper analysis of participation. It features tables of regional and division winners, multiplier and QSO counts, and various other statistics.

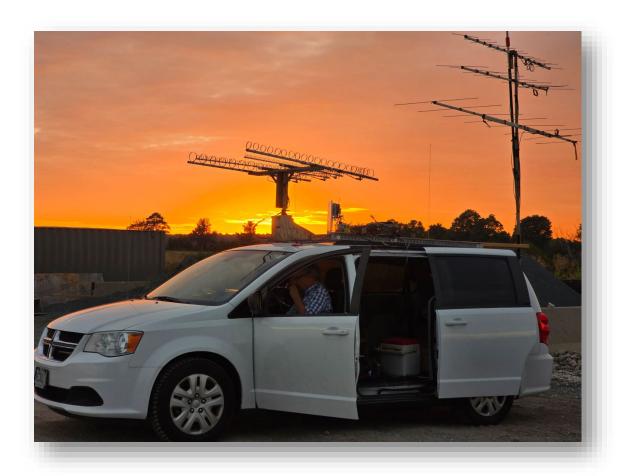


Figure 1 - VE3OIL/R in FN04. Classic Rover Winner in 2023, 2024, and 2025. Photo by VA3TEC.

Overall Winners

VHF Contest Category	Call Sign	Operator	Grid(s)
Single Operator, High Power	K1TEO	Jeff Klein	FN31
Single Operator, High Power, Analog Only	W2FU	Jeff Ach	FN13
Single Operator, Low Power	N2WK	Wayne King	FN03
Single Operator, Low Power, Analog Only	AF1T	Dale Clement	FN43
Single Operator Portable	K5ND	Jim Wilson	EM01
Single Operator Portable, Analog Only	K6MI	John Morrice	DM05
Single Operator, Three-Band	N3AA	Jerry Horwitz	EN90
Single Operator, Three-Band, Analog Only	N7QOZ	Bob Crelling	CN87
Single Operator, FM Only	VE3RWJ	Chris Smart	FN03
Classic Rover	VE3OIL/R	Russell Beech	EN82 EN92 EN93 FN02 FN03 FN04 FN13 FN14
Limited Rover	N7GP/R	Tom Whitted	DM32 DM33 DM41 DM42 DM43
Unlimited Rover	KG6CIH/R	Chris Lumens	FN32 FN33 FN41 FN42 FN43
Limited Multioperator	AA4ZZ	Paul Trotter and VHF Contest Team	EM96
Unlimited Multioperator	W2SZ	RPI Amateur Radio Club	FN32

Limited Multioperator AA4ZZ, operators: AA4ZZ K4JAH KC4PHJ KU4V KZ4RR W3DQS W3GQ W3OA W4GRW W4MW.

Unlimited Multioperator W2SZ, operators: K2AD K2DEJ K2TR KC2HIZ KI2L N1SV N2OY N2YZO W1SZ W2AAU WA1HCO.

W2FU set a new record for Single Operator High Power Analog Only. AF1T broke last year's record with a new one for 2025 in Single Operator Low Power Analog Only. And, K6MI established a new record for Single Operator Portable Analog Only.

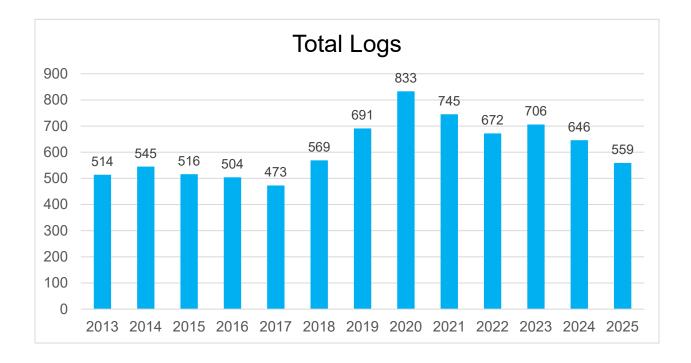
A significant number of new records were set in divisions, sections, and call sign areas. See the full list at the end of this report.

All participants are recognized with certificates.

Download yours at https://contests.arrl.org/certificates.php

The 2025 contest received 559 logs, continuing the downward trend not only from the pandemic spike in 2020 but also from the recent peak in 2023, which had 706 logs. Later in this article, we document participation starting in 1948.

One note is that log-checking revealed 3,092 call signs in the submitted logs. Of course, some of those could have been busted calls. But it does highlight that participation is much higher than the number of submitted logs suggests. It's time to encourage everyone to submit their logs, regardless of how many or how few QSOs were logged during the contest.



Category Results — Single Operator

Single Operator, High Power

Station	Score	Grid
K1TEO	354,432	FN31
K1RZ	150,046	FM19
K1KG	59,052	FN42
W3IP	46,374	FM19
K3SK	44,890	FM07
N3MK	37,855	FM27
K9KLD	28,000	EM58
WB2RVX	21,375	FM29
WA2FZW	16,686	FN20
VA3IKE	16,100	EN82

K1RZ pulled in nearly the same score as last year, but K1TEO's herculean effort doubled that number and more.

K3SK's contribution to the soapbox: This was a good contest with nothing failing or letting out of the magic smoke. Propagation was near non-existent making it difficult to break my September 2024 score. Had it not been for EME contacts and struggling to stay awake down to the last minutes on Sunday night, I would not have come close. Final results put me 448 points above last year's total.

WA2FZW reported: Conditions not so great here this year on all bands. Only a few contacts on 6 meter Es; lots of one and done decodes though. I did work a few more on 432 than in any previous contest.

The number of entries in this category was 124, down from 136 last year and 138 in 2023.



Figure 2 - K3SK's well-appointed station.

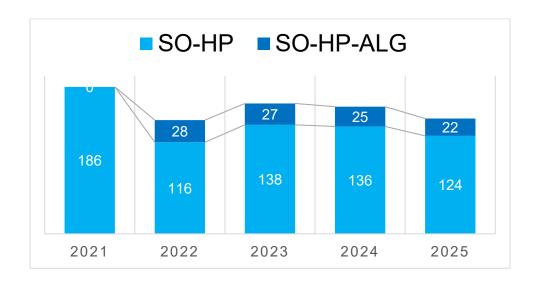
Single Operator, High Power, Analog Only

Station	Score	Grid
W2FU	122,010	FN13
WZ1V	43,935	FN31
VE3ZV	28,391	EN92
W2KV	18,247	FN20
WA1T	9,010	FN43
KR1ST	7,938	FN21
K5LLL	4,998	EM10
N6RO	4,988	CM97
K1TR	4,653	FN42
KC3BVL	3,375	FM29

Last year, WZ1V scored 49,788 and nearly matched that score this year with 43,935. However, W2FU broke the 100,000 mark with 122,010, setting a new overall category record. This is an incredible achievement when considering that seven stations last year topped the five-digit score level, and only four accomplished the same thing this year.

K5LLL earned 7th place, 10 points ahead of N6RO, and his soapbox comment summed up the contest: *Poor conditions and low turnout. Rovers made the contest.*

Entries in the high-power categories stayed mostly the same as in recent years. The chart below shows a comparison.



Single Operator, Low Power

Station	Score	Grid
N2WK	86,194	FN03
NR2C	67,750	FN03
W1SJ	52,871	FN42
K2DRH	49,612	EN41
N2SCJ	28,938	FM29
KA2ENE	28,618	FN13
N2OA	18,410	FN03
N3IDR	17,355	FN00
WA2VNV	16,206	FN30
VE2ZAZ	13,875	FN25

N2WK topped the chart, moving up from fourth last year. NR2C held on to second place with a score nearly identical to last year's. W1SJ maintained third place operating his own station this year.

Single Operator, Low Power, Analog Only

Station	Score	Grid
AF1T	114,400	FN43
WB2JAY	26,544	FN30
VE3KH	19,082	FN03
WB2VVV	7,335	FN41
AC1J	6,422	FN42
N6KN	4,676	DM03
KG9AP	4,545	EM59
K2GMY	3,834	CM88
K1PNQ	2,139	FN42
N1CMD	1,980	FN43

AF1T repeated his win from 2024 and 2023, with a score 24% higher than last year, including beating his overall record. WB2JAY maintained second place this year.

N1CMD commented: I was able to add a sixth band to my capabilities, 10 GHz. Looking forward to adding more bands in future VHF contests!

The number of logs entered has stayed relatively steady for the analog-only category but decreased by 31% for the mixed category.



Single Operator, Portable

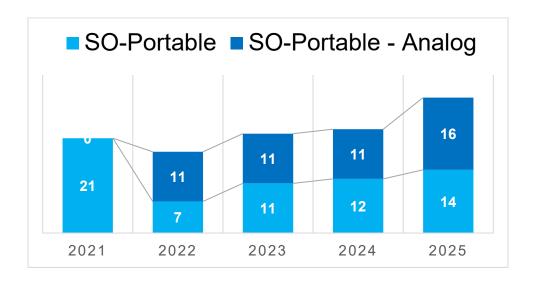
Station	Score	Grid
K5ND	4,998	EM01
W4RXR	4,218	EM65
AF5T	2,128	DM13
K7MDL	1,840	CN88
AF6SA	1,320	CM98
VA2VT	456	FN45
NØSUW	432	EN35
KN6OKY	416	DM12
NØJK	135	EM28
KB1RJS	64	FN31

K5ND came in first by more than doubling his score from 2024. The only repeats in the top 10 from 2024 were NØSUW in seventh and NØJK in ninth.

Single Operator, Portable, Analog Only

Station	Score	Grid
K6MI	10,494	DM05
W7JET	1,702	DM43
KC8YEK	1,210	CM87
K7ATN	924	CN85
NR7Y	882	CN86
KF7NP	741	DM12
N2MAK	688	FN13
KE6GLA	615	CM98
WN1C	600	EN53
WB2AMU	432	FN30

K6MI generated an incredible score of 10,494 to take first place, dropping last year's winner to second place. He also set a new overall record. WB2AMU dropped from second place to tenth.



It's good to see some growth in this very small category.

Single Operator, 3-Band

Station	Score	Grid
N3AAA	29,832	EN90
KO9A	24,824	EN52
W5TRL	16,632	EM10
W3FAY	10,974	FM18
K1HC	9,128	FN53
KD2CDV	7,579	FN03
W1DYJ	5,750	FN42
NA2NY	5,355	FN33
WA4LDU	3,870	EM93
K3UA	3,731	EN91

N3AAA's first appearance in the top 10 resulted in a win, with 29,832 points. KO9A maintained second place with 24,824 points, up from 24,824 last year. W5TRL scored 16,632, down substantially from last year's winning score of 28,726.

In the Youth Overlay Category, KI5JMD scored 72 points. The Youth Overlay Category can be selected for those 25 and under on log submission. Youth participants will be

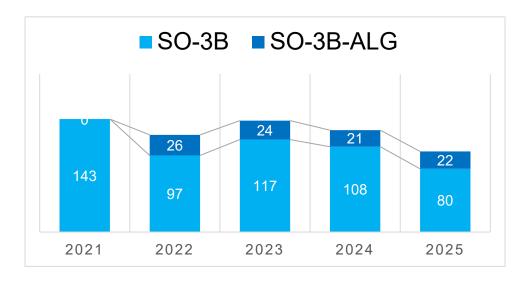
mentioned in the full results article in contests where youth competition is evident. The Youth Overlay is also noted on the downloadable certificates.

Single Operator, 3-Band, Analog Only

Station	Score	Grid
N7QOZ	2,898	CN87
W1SRH	518	FN31
WB9HFK	420	EN50
KV4ZY	324	FM08
WG1Z	294	FN51
NØLFK	133	EM28
AG7QH	132	CN84
W6KSR	128	DM13
KC1WVQ	117	FN42
AE1D	98	FN44

N7QOZ repeated his wins from 2023 and 2024. N1JD moved up from 7th last year to 3rd this year. W1SRH moved up from 5th last year to 6th in 2023 to second this year.

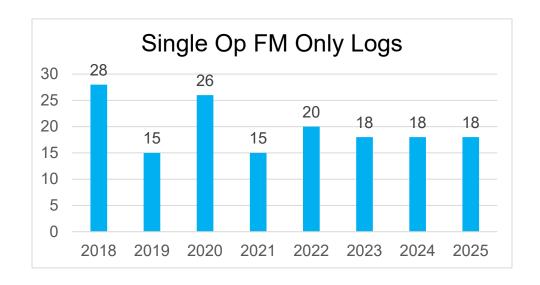
The downward trend of entries over the past two years is troubling and, of course, reflected in the overall contest participation.



Single Operator, FM Only

Station	Score	Grid
VE3RWJ	1,212	FN03
W1NIV	546	FN42
AF6GM	511	DM12
K6RJF	440	DM12
N1TEN	432	DM12
KN6FKQ	125	DM12
KM6LKT	105	DM12
KQ4VYQ	66	EM64
K6ZKA	45	DM06
AF1R	36	FN42

VE3RWJ doubled the score of runner-up W1NIV. AF6GM dropped from second last year to third this year.



Category Results — Rovers

VHF contesting allows rovers to activate several grids throughout the weekend. As a result, they can really enliven the contest for those at home. Here's how they did in 2025.

Classic Rover

Station	Score	Grids Activated
VE3OIL/R	93,470	EN82 EN92 EN93 FN02 FN03 FN04 FN13 FN14
K2QO/R	40,362	FN02 FN03 FN12 FN13 FN14 FN22 FN23 FN24
N5ZY/R	29,562	EM04 EM05 EM06 EM14 EM15 EM16 EM23 EM24 EM25 EM26
KC9NJZ/R	24,960	EN51 EN52 EN61 EN62
VE3WJ/R	22,113	EN82 EN92 EN93 FN03 FN04 FN13 FN14
KG9OV/R	20,935	EM47 EM49 EM58 EM59 EN40 EN50
K9TMS/R	19,008	EN51 EN52 EN61 EN62
N9REP/R	16,380	EN51 EN52 EN61 EN62
W8ISS/R	14,674	EN51 EN52 EN61 EN62 EN63 EN64 EN73 EN74
W2EV/R	14,157	FN02 FN03 FN12 FN13

VE3OIL/R repeated his 2023 and 2024 wins with an excellent score, well above second-place K2QO/R, who moved from third last year to second this year. The top 10 scores in general were well above last year, when the tenth position scored just under 2,000 points. Excellent work by our rovers this year, thanks, too, to all those fixed stations that searched out and found them.

VE3OIL/R reported: Very fine weather for this event. No extended propagation observed. AU reported Sunday night was not observed or detected on the radio. Station count felt low but was masked by some good band runs. Analogue CQs are increasingly rare and the FT8 waterfalls seemed less populated.

Every band added adds another level of difficulty to the roving puzzle. The implementation of an FT8 instance is effectively another, more difficult, band, as is the need to service non-amateur communication. The final chapter is not written.

Limited Rover

Station	Score	Grids Activated
N7GP/R	26,390	DM32 DM33 DM41
	_0,000	DM42 DM43
KM4OZH/R	16,820	FM07 FM08 FM09
	,	FM17 FM18 FM19
		FN00 FN10
KE4WMF/R	8,568	FM07 FM08 FM16
		FM17 FM18 FM26
		FM27
AA2SD/R	7,605	FN10 FN11 FN20 FN21
NØLNO/R	5,764	EM39 EM49 EN30
		EN31 EN32 EN40 EN41
		EN42
KC3FQF/R	5,650	FM29 FN10
WA1PQY/R	3,948	FN32 FN33 FN41 FN42
		FN43
NL7CO/R	2,886	EL09 EL19 EM00 EM01
		EM02 EM03 EM04
		EM05 EM06 EM10
		EM11 EM12 EM13
		EM14 EM15 EM16
N6GP/R	2,376	DM04 DM13 DM14
KA7RRA/R	1,330	CN87 CN88 CN97
		CN98

N7GP/R moved from Classic Rover, where he finished 2nd last year, to Limited Rover and took the win. KM4OZH/R improved his scores from 2023 and 2024 to maintain second place for the third year in a row. AA2SD/R moved up from fifth in 2024 to fourth this year.

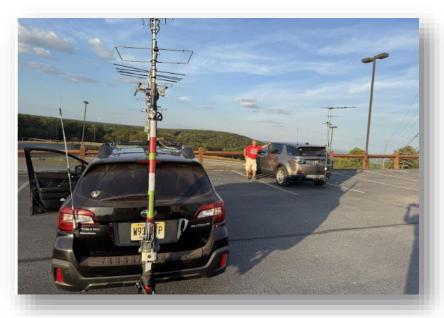


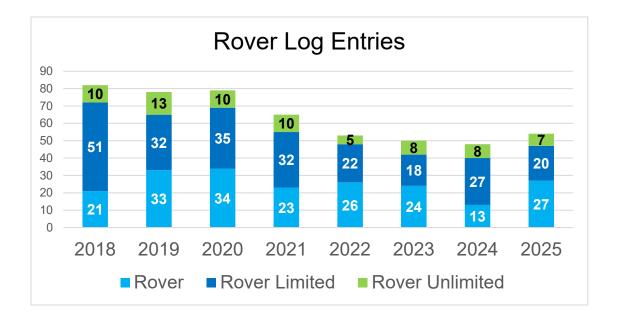
Figure 3 - AA2SD/R

Unlimited Rover

Station	Score	Grids Activated
KG6CIH/R	36,240	FN32 FN33 FN41 FN42
		FN43
NØLD/R	32,882	EM04 EM05 EM06 EM14
		EM15 EM16 EM24 EM25
		EM26
N2SLN/R	10,175	FN12 FN20 FN21 FN22
		FN23
KJ1K/R	3,410	FN22 FN31 FN32
WB2VVQ/R	3,333	FN22 FN31 FN32
KK4BZ/R	2,912	FM18 FM19
W8BRY/R	1,680	FM08 FM09 FM18

KG6CIH/R won in a tight race with NØLD/R. N2SLN/R dropped one place into third.

Year over year, we watch with concern the decline in rover entries. It's encouraging to see a slight increase this year. This is the one truly unique aspect of VHF contests. Do everything you can to motivate rovers and ensure they are logged when they are out and about.



Category Results — Multioperator

Limited Multioperator

Station	Score	Grid
AA4ZZ	155,092	EM96
N2NT	118,720	FN20
K5N	54,060	EM31
KE8FD	47,263	EN80
WA3EKL	18,722	FM19
W4AD	4,216	FM08
W1FM	2,970	FN42
WO1S	1,508	DM34
K2AA	1,122	FM29
KJ5BIN	189	FM18

AA4ZZ continued to hold first place. N2NT again came in second. K5N operated from the K5QE (SK) station to move up to third from fourth last year.

Here's the list of operators at each station.

- AA4ZZ: AA4ZZ K4JAH KC4PHJ KU4V KZ4RR W3DQS W3GQ W3OA W4GRW W4MW.
- N2NT: N2NC N2NT W2RQ WW2Y.
- K5N: AF8Z KØAXX K5RMN KC5HWB KE5O KJ5BLU N5DGR NV5E W5RJR W5TN.
- **KE8FD**: AA8MA KE8FD.
- WA3EKL: KØOO KB3VQC N3DPB W1TRT WA3EKL.
- W4AD: KØLB KX4TL N3WSO.
- **W1FM**: N1SOH W1FM.
- WO1S: KE6GFI WO1S.
- **K2AA**: KC2THQ WB2EOD.
- **KJ5BIN**: KC2ZZR KJ5BIN.

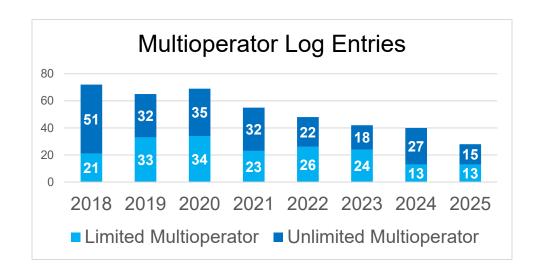
Unlimited Multioperator

Station	Score	Grid
W2SZ	290,250	FN32
W2EA	105,028	FN21
KD2LGX	81,015	FN13
N8GA	73,048	EN80
N3NGE	48,246	FN20
WE1P	43,279	FN22
W4NH	32,512	EM84
WD9EXD	29,750	EM57
KV1J	24,653	FN44
W1XM	16,576	FN42

W2SZ won this category yet again with an amazing score compared to the competition. W2EA repeated in second place from last year. N8GA dropped one place to fourth with KD2LGX moving up from eighth last year to third.

Here's the list of operators at the top ten stations:

- W2SZ: K2AD K2DEJ K2TR KC2HIZ KI2L N1SV N2OY N2YZO W1SZ W2AAU WA1HCO.
- **W2EA:** AD8N K2DD K2WB KB3SIG KC2SGV KD2JPV KD2ST N3AVT N3MT N3RG N8MP.
- KD2LGX: KD2LGX N2IK.
- N8GA: KB8ZR N8UR N8ZM W8BFT WB8ART WB8TDG.
- N3NGE: K3EGE N3NGE.
- WE1P: K1ZK KA1LM N1OCI N1TRK WE1P.
- W4NH: KI4US KM4QHI NX9O W4KXY W4ZST WG8S WW8RR.
- WD9EXD: W9AKW WD9EXD.
- **KV1J**: KO1I KV1J W8TOM.
- W1XM: AC1JR K8ZBE K9EA KC1EPN.



DX Station Entries

Several DX stations were on the air during the contest, but not everyone turned in a log. Those who turned in a log were: 3G7RLN, CE6UFF, CO2QU, F4IYU, JHØBBE LU2DX, LU5DF, XE2N, XE2TT, and XE2YWB.

You can find their scores, grids, bands, etc., in the full line scores online.

Log Checking Reports

Be sure to use the Log Checking Reports available for each contest. They can help you identify and fix operating errors for future contests. You can access them at https://contests.arrl.org/logcheckreports.php

Contest Certificates

Download your contest certificates at https://contests.arrl.org/certificates.php

Next September VHF Contest

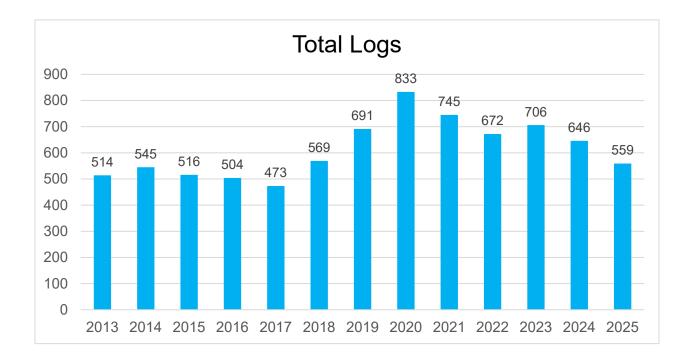
The upcoming ARRL September VHF Contest will take place from September 12 to 14, 2026. Mark your calendars and get your stations ready.

You can find the ARRL Contest Calendar at https://contests.arrl.org/sepvhf/cal/

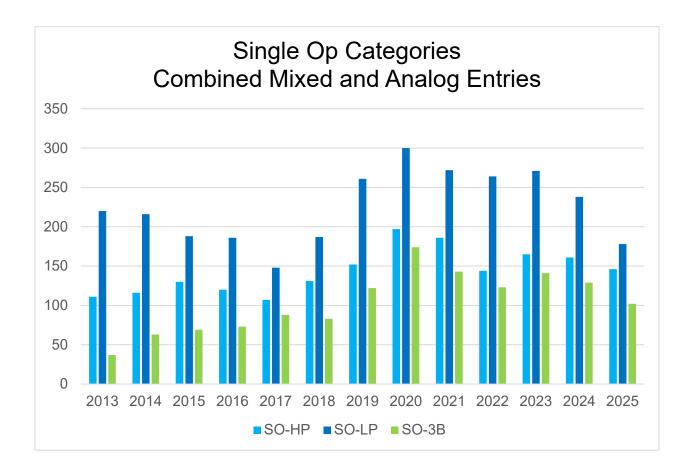
Detailed Analysis

This year's contest received 559 logs, showing a steady decline over the past three years.

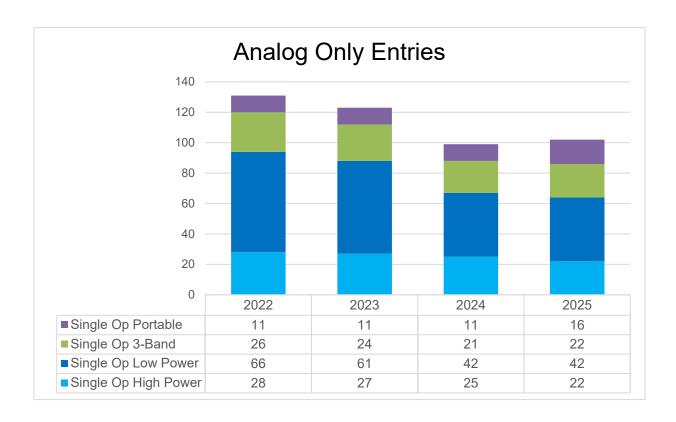
Later in this article, we document the participation from the beginning in 1948.



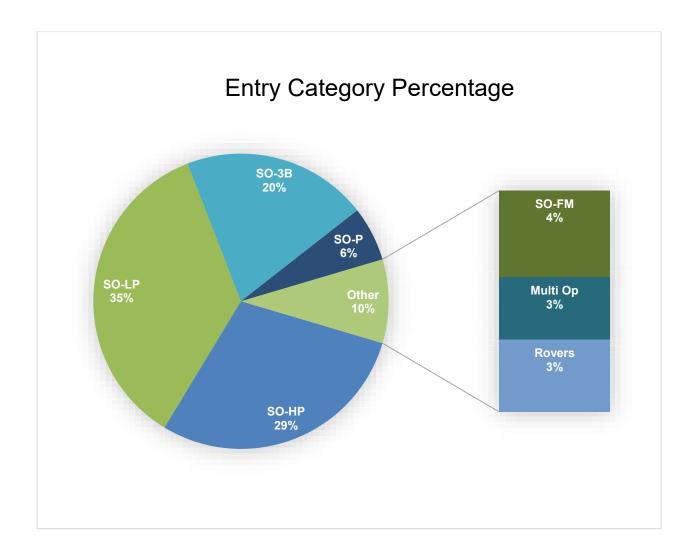
This chart tracks the data from 2013, the start of the Single Operator 3 Band category, through 2025. This analysis includes the analog-only categories from the last three years, combining all logs for high-power, low-power, and three-band. Over the past three years, all three categories have shown a steady decline.



The Analog Only categories were introduced in 2022 and have remained fairly consistent.

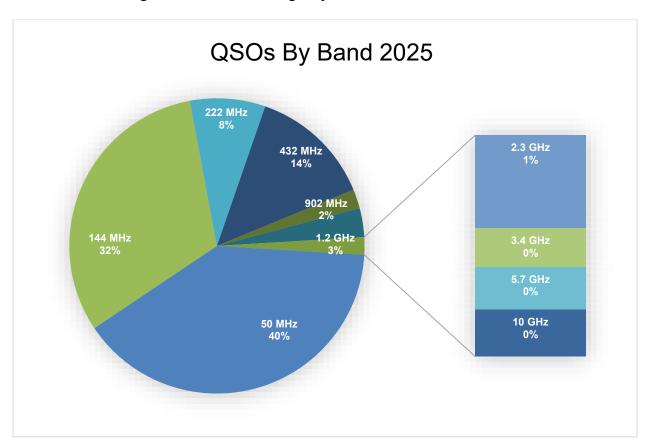


The single operator categories make up 94% of contest entries, but the other categories (rovers and multi-operators) are essential in supporting the overall contest effort.

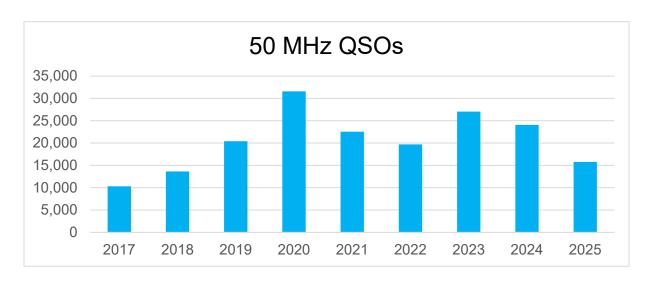


Bands and QSO Analysis

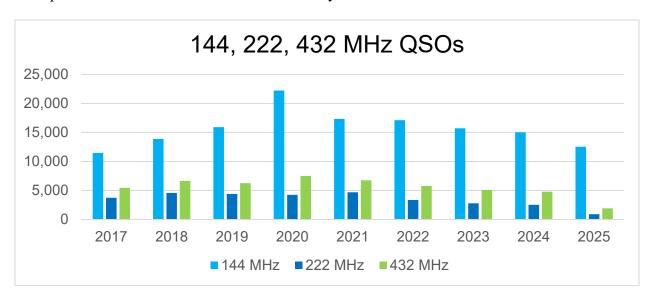
50 MHz and 144 MHz are the main bands during the September VHF Contest. However, 432 and 222 MHz offer good contacts with a higher point value.



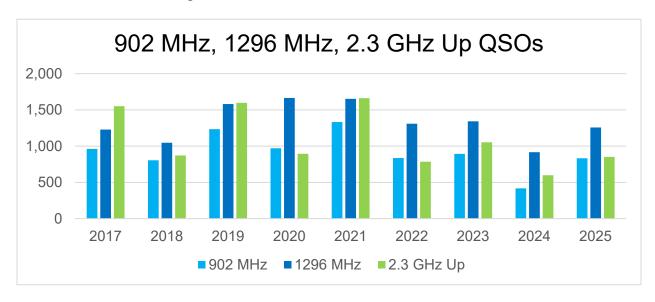
Participation influences the individual band numbers, but 50 MHz also reflects Sporadic E conditions during the contest weekend. The low number this year seems to have affected the entire contest with reduced participation.

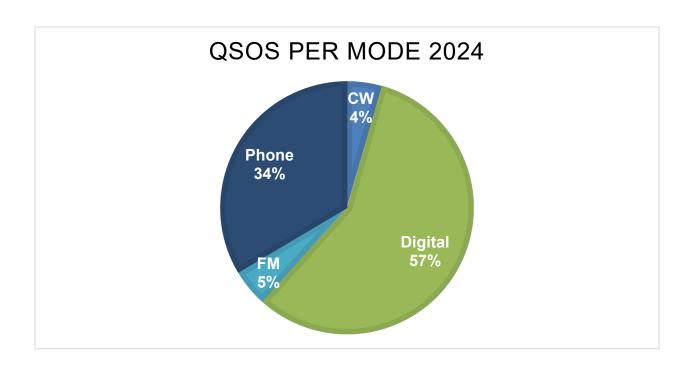


The split between these three bands remains fairly consistent from one contest to the next.

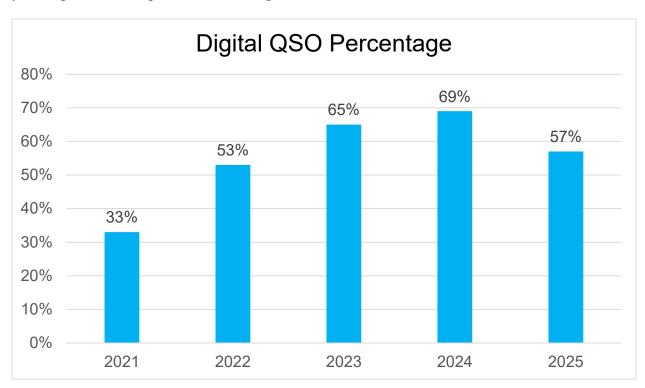


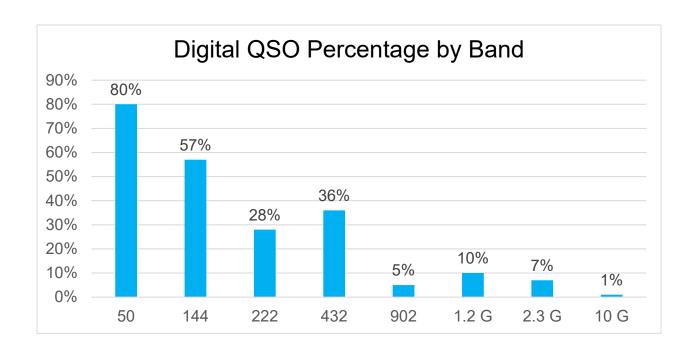
1296 MHz seems to be leading in the number of QSOs over the past few years. However, 2.3 GHz and higher continue to remain strong. Maybe some of the newer rigs that support 1296 MHz and above are making a difference.





This year saw a substantial increase in phone contacts at the expense of digital contacts. Last year's split was 24% phone and 69% digital.





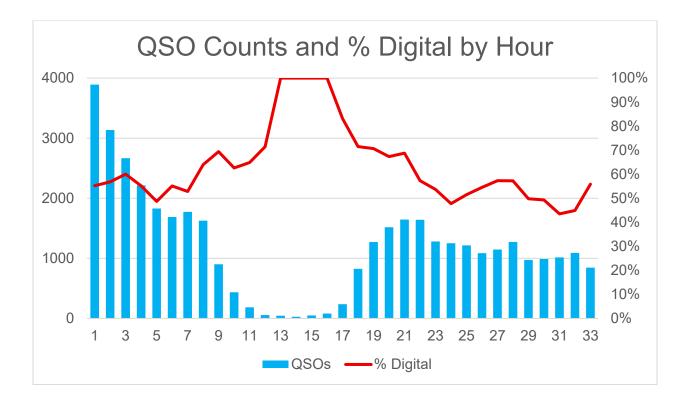
The digital QSO percentage on 50 MHz declined from 88% in 2024 to 80% in 2025. On 144 MHz, it decreased from 65% to 57%. On 222 MHz, it slightly increased from 27% last year to 28%. On 432 MHz, it went from 38% to 36%. The other bands remained mostly stable year to year. Here's the full table.

Band	CW	FM	PH	DG+RY	All Modes	% DG by Band	% of Total Qs
50	240	90	2824	12631	15785	80.02%	39.54%
144	307	890	4139	7199	12535	57.43%	31.40%
222	196	340	1835	914	3285	27.82%	8.23%
432	298	466	2688	1919	5371	35.73%	13.46%
902	175	66	547	45	833	5.40%	2.09%
1.2G	266	22	843	127	1258	10.10%	3.15%
2.3G	107	7	187	21	322	6.52%	0.81%
3.4G	66	2	66		134	0.00%	0.34%
5.7G	38	3	102	5	148	3.38%	0.37%
10G	52		108	2	162	1.23%	0.41%
24G	13	3	26		42	0.00%	0.11%
47G		2	4		6	0.00%	0.02%
123G		2	17		19	0.00%	0.05%
LIGHT			18		18	0.00%	0.05%
Total	1758	1893	13404	22863	39918	57.27%	

This chart is courtesy of John Kalenowsky, K9JK, who also handles all the log checking and data sifting to provide us with the information you've been reviewing. Thank you, John.

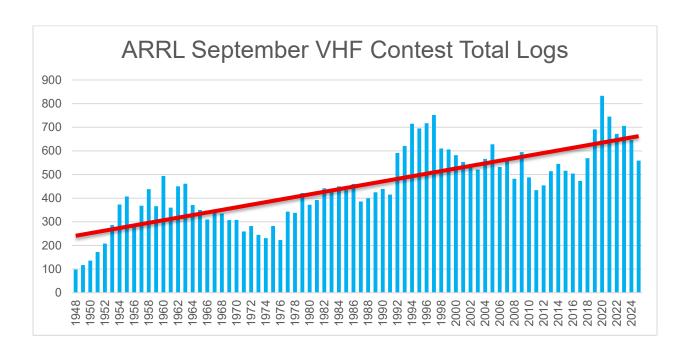
The best time to be on the air is during the first hour when the most QSOs are made. After that, it decreases until evening. On the second day, QSOs are still happening, but not as many as on the first day.

The red line shows the percentage of digital QSOs for each hour. It mostly remains the same, except during the nighttime hours when most QSOs are completed via meteor scatter using WSJT-X's MSK144 mode.



Long-Term Historical Review of Contest Participation

Most annual contest results articles review the current year, past few years, and comment on changes. To open the discussion, or at least the perspective, here's the full history of contest entries since 1948. We've also added a list of key events that may have affected these numbers.



1954 — Technician License 6 meters.

1959 — Technician License 145-147 MHz added.

1971 — Technician License 144-148 MHz.

1983 — Maidenhead Grid Multipliers and VUCC program introduced.

1991 — No Code Technician Licensing.

1999 — HF+6 Meter Rigs Introduced.

2017 — WSJT FT8 Introduced.

2020 — COVID Lockdown

Soapbox Highlights

We review all the soapbox comments each year. Thanks to everyone who submitted them and to those who also sent photos.

Here are a few selected highlights. You can review the full listing at https://contests.arrl.org/sepvhf/soaps/2025/

AJ6T

I had intended to operate this contest full-time, but a family medical emergency kept me away from the shack most of the weekend. I found conditions and activity about average for September. I ran three Windows11 PCs with multiple instances of WSJT-X in an effort not to miss any activity. The highlight of the contest was running four bands on SSB with KG9AP....shades of yesteryear. Getting up early Sunday morning for meteor scatter was productive on 6 meters, but I was disappointed not to be able to make any contacts on 2 meters MSK144.

AL1VE

What happens when you're in the field and realize you left your 432MHz long yagi at home? Luckily, I had along a wire POTA antenna, painter's tape, a VNA and forest with lots of sticks. It wasn't pretty, but the hastily made 3 element Quad lasted all weekend and completed a few contacts. The furthest being about 330km. Other than that moment of brilliance, the contest conditions were rather dismal.



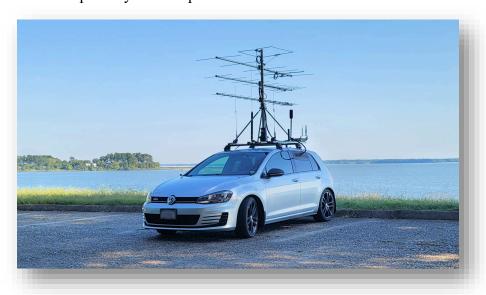
Figure 5 - AL1VE from Mt Craig in the Olympic mountains. A bit smokey from the Tunnel Creek wildfire a couple of miles west.



Figure 4 - wire, sticks, and painter's tape last-minute substitute for a left behind 432 MHz long yagi. Best DX 330km.

KE4WMF/R

Despite the seemingly slow pace and little SSB activity, this contest may have been my best outing yet! I felt organized, left home plenty early to reach my first operating position (which was a different spot than I had planned), and seemed to have a consistent following of operators even though only 2-3 had my phone number. I may have some duplicates out of the 143 entries in my log. Regardless, I made more contacts on 222 and 432 than I ever had before. A couple of stations told me that 222 was my strongest band. I'm sold on 222! This was my first trip with a new, lighter tower setup on my car. I'm pleased with it! Until next time.



K7MDL





Figure 6 - The view from K7MDL as Single Operator Portable finishing in fourth on Mt Constitution CN88np Orcas Island at Cascade Overlook at 1400ft.

NØJK

I am back on 2 Meters, thanks to Greg, WQ0P. Made most of my contacts there. My 2M yagi had some issues Saturday and missed working N0LD/R in EM04 despite multiple decodes from Randy. It was very hot out while portable Saturday. Hotter than June! No Es on 6 Meters. 2 Meter yagi repaired and back in action on Sunday morning. Some local tropo and I worked KF0BBU EM18 and WA0QHJ EN00 on 2 Meters. 6 Meter meteor scatter seemed sparse with only a couple of stations copied.

NØLD/R

6m could have been a LOT better! 70cm outperformed # of QSOs on 6m. Our Unlimited Rover journey took us to EM04, EM05, EM06, EM14, EM15, EM16, EM24, EM25, EM26. Worked two Mountain Tops, Circled two grids, and line-danced between EM04-EM14 / EM14-EM15. Weather was good, but hot. No appreciable ducting encountered. Our score suffered without KF0M and WQ0P's QSOs. We got to sleep at home. Paralleled N5ZY/R up through 11 AM CDT on Sunday. Bands were quiet after 7 PM Sunday evening - we might as well have just come home at that time.

NØLNO/R

We used a new rig and had a few integration deficiencies. However, we experienced no equipment failures. We tried to run analog only. The digital modes were hot. We returned home to get the laptop. We operated in a new state for us. We had a blast.



N5ZY/R

Ahh Oklahoma on 6m in Sept, the end of the summer sporadic E season. My 772 mile journey took me through 10 grid squares before the 12v LiFePO4 battery voltage was depleted, ending my contest one grid short of my goal. This rover excursion began at EM04 then I did a line dance with N0LD/R at EM04/EM15, EM15/EM16 then a grid corner with N0LD/R at EM05/06/16/15 Saturday. I then made my way overnight to Tulsa to begin Sunday morning. Sunday again with N0LD/R we grid-danced EM25/26/16/15 then I progressed South to EM25, 24, 23, and 14. My radio battery was dead before I reached EM13. 6m was clearly tired and 'not having any of that' for Sp-E and especially not any MSp-E although it certainly enjoyed teasing me.



Figure 7 - N5ZY RF Stack in the rover - and yes I can see the sideview mirror.

N7DB

WX was sunny and warm Saturday, had some interesting tropo to start. Sunday was wet in the morning and cool/dry in the afternoon. May have discouraged some Rovers making an effort this weekend. Sunday AM had some intersing MS, considering it was September. Last hour was a suprise with some strong AU. Just a couple stations on. Never know what might pop up at the end of a Contest.

N9PCS/R

Probably the lowest Rover Score ever submitted. But I learned a lot and had fun. Thanks to the XYL for setting up portable in the hot sun to give me a few QSOs. Highlight of the weekend was a tour of the KG9OV/R rover-mobile. Saturday roof of parking garage near IL State Capitol, Sunday EM49/EM59/EN40/EN50 corner area.



Figure 8 - N9PCS/R roof of parking garage near Illinois State Capitol Building

WN1C

It was back to my usual portable activating plan, after skipping June, at Blue Mount State Park and summit references: US-1441, KFF-1441, and W9/WI-010. Summer was back in Wisconsin with conditions mostly sunny and warm for my operating periods. I could have been out in the field earlier for this two-day operating adventure, but this year's September was worth it picking up new somewhat-local callsigns. No major openings, but I was able to better understand how my equipment works in this setup. Equipment was KX3 with homebrew 6m full-wave rectangular loop, FT-818 and KG-UV8T with Elk 2M/440L5 and homebrew copper pipe 222 Moxon, and TH-350 with stock tri-band whip. Again! A solid setup I'm now well-practiced with.

Regional Leaders

G , .
LM = Limited Multioperator
R = Classic Rover
RL = Limited Rover
RU = Unlimited Rover
SO-ALG-3B = Single Operator, Analog
Only, 3 Band
SO-ALG-HP = Single Operator, Analog
Only, High Power
SO-ALG-LP = Single Operator, Analog Only,
Low Power
SO3B = Single Operator, 3 Band
SOFM = Single Operator, FM Only
SOHP = Single Operator, High Power
SOLP = Single Operator, Low Power
SOP = Single Operator, Portable
SOP-ALG = Single Operator, Portable,
Analog Only
UM = Unlimited Multioperator

West Coast Region

West Coast negit	ווע					
(Pacific, Northwestern and Southwestern						
Divisions; Alberta, British Columbia and NT						
Sections)						
KD6EFQ/R	1,710	R				
N7GP/R	26,390	RL				
N6GP/R	2,376	RL				
KA7RRA/R	1,330	RL				
KM6Z/R	639	RL				
K6LMN/R	266	RL				
K6RE	7,332	SOHP				
N7EPD	6,784	SOHP				
K7CW	2,697	SOHP				
KW6S	2,511	SOHP				
VE6BMX	1,316	SOHP				

N7IR	4,560	SOLP
W7IMC	4,520	SOLP
K6USY	4,200	SOLP
WZ8T	4,186	SOLP
AB9BH	1,482	SOLP
N6RO	4,988	SO-ALG-HP
KJ7BJS	2,940	SO-ALG-HP
K7YO	1,710	SO-ALG-HP
N6KN	4,676	SO-ALG-LP
K2GMY	3,834	SO-ALG-LP
N6ZE	1,805	SO-ALG-LP
KE7UQL	1,375	SO-ALG-LP
N7RK	1,113	SO-ALG-LP
AF5T	2,128	
K7MDL	1,840	
AF6SA	1,320	
KN6OKY	416	
K7MWD	60	SOP
KCMI	10 404	COD ALC
K6MI W7JET	10,494 1,702	
KC8YEK		
K7ATN	1,210 924	
NR7Y	882	
INIX/ I	002	JOF-ALG
KH2TJ	1,475	SO3B
AL1VE	944	
WA7PVE	672	
KC7V	540	SO3B
KI6X	165	
N7QOZ	2,898	SO-ALG-3B
AG7QH	132	SO-ALG-3B
W6KSR	128	SO-ALG-3B
KK7A	36	SO-ALG-3B
K6GHA	12	SO-ALG-3B
AF6GM	511	SOFM

			1		
K6RJF	440	SOFM	N5LUL	1	SO-ALG-LP
N1TEN	432	SOFM			
KN6FKQ	125	SOFM	K5ND	4,998	SOP
KM6LKT	105	SOFM	NØSUW	432	SOP
			NØJK	135	SOP
WO1S	1,508	LM			
			W5TRL	16,632	SO3B
WDØRKS	1,078	UM	K5DHY	1,395	SO3B
W6TRW	290	UM	WØHGJ	736	SO3B
			K8OS	216	SO3B
Midwest Region			WBØLJC	108	SO3B
(Dakota, Midwes	t, Rocky Moun	tain and West			
Gulf Divisions; Ma Sections)	anitoba and S	askatchewan	NØLFK	133	SO-ALG-3B
N5ZY/R	29,562	R	KFØSCA	1	SOFM
W5OC/R	8,586	R	NI DOOM	1	30111
WØZF/R	1,200	R	K5N	54,060	LM
KOØZ/R	799	R	KON	34,000	LIT
KØBBC/R	720	R	KC5MVZ	570	UM
			WØAUS	99	UM
NØLNO/R	5,764	RL			
NL7CO/R	2,886	RL	Central Region		
WØRRC/R	160	RL	(Central and Gre	at Lakes Divisi	ons; Ontario
			East, Ontario No	rth, Ontario Sc	outh, and
NØLD/R	32,882	RU	Greater Toronto A	Area Sections)	
			VE3OIL/R	93,470	R
AA5AM	14,091	SOHP	KC9NJZ/R	24,960	R
KØAWU	5,247	SOHP	VE3WJ/R	22,113	R
W5LO	5,104	SOHP	KG9OV/R	20,935	R
N5RZ	4,346	SOHP	K9TMS/R	19,008	R
W5PR	4,089	SOHP			
			VE3RKS/R	105	RL
WB5TUF	3,196	SOLP			
NØLL	2,067	SOLP	K9KLD	28,000	SOHP
KM5RG	1,242	SOLP	VA3IKE	16,100	SOHP
AEØMO	962	SOLP	N8LRG	15,036	SOHP
NØMMA	792	SOLP	AC9S	10,125	
	-		VE3WY	9,694	SOHP
K5LLL	4,998	SO-ALG-HP		2,221	
	.,000		K2DRH	49,612	SOLP
AF4JF	192	SO-ALG-LP	VE3SMA	13,860	
WB5ZDP	165	SO-ALG-LP	K8NWN	9,380	SOLP
AF5CC	60	SO-ALG-LP	KE8R	3,198	SOLP
AFOCE	00	JU-ALU-LF	NEON	3,198	JULF

K1HTV	N9YK	2,379	SOLP	N3MK	37,855	SOHP
VE3ZV 28,391 SO-ALG-HP KT1R 14,325 SOHP K2YAZ 54 SO-ALG-HP KY4G 4,452 SOLP VE3KH 19,082 SO-ALG-LP AJ6T 3,216 SOLP KG9AP 4,545 SO-ALG-LP K4JMX 2,613 SOLP K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP		_,00				
K2YAZ 54 SO-ALG-HP KY4G 4,452 SOLP VE3KH 19,082 SO-ALG-LP AJ6T 3,216 SOLP KG9AP 4,545 SO-ALG-LP K4JMX 2,613 SOLP K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	VF37V	28.391	SO-ALG-HP		•	
VE3KH 19,082 SO-ALG-LP AJ6T 3,216 SOLP KG9AP 4,545 SO-ALG-LP K4JMX 2,613 SOLP K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP					,	
VE3KH 19,082 SO-ALG-LP AJ6T 3,216 SOLP KG9AP 4,545 SO-ALG-LP K4JMX 2,613 SOLP K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP				KY4G	4.452	SOLP
KG9AP 4,545 SO-ALG-LP K4JMX 2,613 SOLP K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	VE3KH	19.082	SO-ALG-LP			
K8BB 740 SO-ALG-LP K4FJW 2,415 SOLP N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP						
N9GH 20 SO-ALG-LP N1WR 1,924 SOLP KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	K8BB			K4FJW	•	
KB9VKQ 15 SO-ALG-LP WB4WXE 1,269 SO-ALG-HP WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP		20		N1WR		SOLP
WN1C 600 SOP-ALG W4AMP 330 SO-ALG-HP KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	KB9VKQ	15	SO-ALG-LP			
KC9LZQ 6 SOP-ALG KN4FTT 35 SO-ALG-LP KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	•			WB4WXE	1,269	SO-ALG-HP
KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	WN1C	600	SOP-ALG	W4AMP	330	SO-ALG-HP
KO9A 24,824 SO3B WA4WZQ 20 SO-ALG-LP KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP	KC9LZQ	6	SOP-ALG			
KØPG 3,066 SO3B KI4MZC 4 SO-ALG-LP				KN4FTT	35	SO-ALG-LP
	KO9A	24,824	SO3B	WA4WZQ	20	SO-ALG-LP
	KØPG	3,066	SO3B	KI4MZC	4	SO-ALG-LP
	VE3PJ	1,972		K4MI	1	SO-ALG-LP
KA8CNI 1,870 SO3B	KA8CNI	1,870	SO3B			
NJ9R 1,376 SO3B W4RXR 4,218 SOP	NJ9R	1,376	SO3B	W4RXR	4,218	SOP
WB9HFK 420 SO-ALG-3B W4AQ 84 SOP-ALG	WB9HFK	420	SO-ALG-3B	W4AQ	84	SOP-ALG
N9OBB 80 SO-ALG-3B N3AWS 12 SOP-ALG	N9OBB	80	SO-ALG-3B	N3AWS	12	SOP-ALG
WB8WUA 1 SO-ALG-3B	WB8WUA	1	SO-ALG-3B			
WA4LDU 3,870 SO3B				WA4LDU	3,870	SO3B
VE3RWJ 1,212 SOFM NS4T 3,239 SO3B	VE3RWJ	1,212	SOFM	NS4T	3,239	SO3B
W2UA 1,416 SO3B				W2UA	1,416	SO3B
KE8FD 47,263 LM N4NM 875 SO3B	KE8FD	47,263	LM	N4NM	875	SO3B
KC4GCK 780 SO3B				KC4GCK	780	SO3B
N8GA 73,048 UM	N8GA	73,048	UM			
WD9EXD 29,750 UM KV4ZY 324 SO-ALG-3B	WD9EXD	29,750	UM	KV4ZY	324	SO-ALG-3B
WB5RMG 66 SO-ALG-3B				WB5RMG	66	SO-ALG-3B
Southeast Region	Southeast Region					
(Delta, Roanoke and Southeastern Divisions) KQ4VYQ 66 SOFM	(Delta, Roanoke and	Southeast	tern Divisions)	KQ4VYQ	66	SOFM
AG4V/R 4,563 R K4NRT 15 SOFM	AG4V/R	4,563	R	K4NRT	15	SOFM
K3TW 8 SOFM				K3TW	8	SOFM
KM4OZH/R 16,820 RL	KM4OZH/R	16,820	RL			
KE4WMF/R 8,568 RL AA4ZZ 155,092 LM	KE4WMF/R	8,568	RL	AA4ZZ	155,092	LM
W4AD 4,216 LM				W4AD	4,216	LM
KK4BZ/R 2,912 RU KQ4LEO 135 LM	KK4BZ/R	2,912	RU	KQ4LEO	135	LM
W8BRY/R 1,680 RU	W8BRY/R	1,680	RU			
W4NH 32,512 UM				W4NH	32,512	UM
W3IP 46,374 SOHP	W3IP	46,374	SOHP			
K3SK 44,890 SOHP Northeast Region	K3SK	44,890	SOHP	Northeast Region		

(New England, Ho Maritime and Que			K1PNQ	2,139	SO-ALG-LP
K2QO/R	40,362	, R	\/A2\/T	456	COD
W2EV/R	14,157	R	VA2VT	456 64	SOP SOP
W3ICC/R	13,932	R	KB1RJS		SOP
K1UU/R	7,335	R	W3MEO	20	30P
KE5NJ/R	3,630	R	NOMAK	C00	COD ALC
KEO143/TT	0,000		N2MAK WB2AMU	688 432	SOP-ALG SOP-ALG
AA2SD/R	7,605	RL	AJ1S	35	SOP-ALG SOP-ALG
KC3FQF/R	5,650	RL	KQ2RP	18	SOP-ALG SOP-ALG
WA1PQY/R	3,948	RL	KQZNF	10	SOF-ALG
WA1VUG/R	966	RL	N3AAA	20, 922	SO3B
W2BMT/R	220	RL	W3FAY	29,832	
***25111711	220	112	K1HC	10,974	SO3B
KG6CIH/R	36,240	RU	KD2CDV	9,128	SO3B
N2SLN/R	10,175	RU	W1DYJ	7,579	SO3B SO3B
KJ1K/R	3,410	RU	MATOLI	5,750	3U3B
WB2VVQ/R	3,333	RU	W1SRH	518	SO-ALG-3B
**************************************	0,000	110			SO-ALG-3B
K1TEO	354,432	SOHP	WG1Z	294	
K1RZ	150,046	SOHP	KC1WVQ AE1D	117 98	SO-ALG-3B SO-ALG-3B
K1KG	59,052	SOHP	KC3UKC	98 84	SO-ALG-3B
WB2RVX	21,375	SOHP	KCSUKC	04	SU-ALG-SD
WA2FZW	16,686	SOHP	W1NIV	546	SOFM
	10,000	331	AF1R	36	SOFM
N2WK	86,194	SOLP	KE2CCG	21	SOFM
NR2C	67,750	SOLP	K1STK	12	SOFM
W1SJ	52,871	SOLP	KISIK	12	30111
N2SCJ	28,938	SOLP	N2NT	118,720	LM
KA2ENE	28,618		WA3EKL	18,720	LM
	_0,0_0		W1FM	2,970	LM
W2FU	122,010	SO-ALG-HP	K2AA	1,122	LM
WZ1V	43,935	SO-ALG-HP	KJ5BIN	189	LM
W2KV	18,247	SO-ALG-HP	KJODIN	105	LIT
WA1T	9,010	SO-ALG-HP	W2SZ	290,250	UM
KR1ST	7,938	SO-ALG-HP	W252 W2EA	105,028	UM
	,		KD2LGX	81,015	UM
AF1T	114,400	SO-ALG-LP	N3NGE	48,246	UM
WB2JAY	26,544	SO-ALG-LP	WE1P	43,279	UM
WB2VVV	7,335	SO-ALG-LP	AACTL	45,279	OI-I
VVDZ V V V					

Division Winners

Classic Rover		
Atlantic	K2QO/R	40,362
Central	KC9NJZ/R	24,960
Dakota	WØZF/R	1,200
Delta	AG4V/R	4,563
Midwest	KOØZ/R	799
New England	K1UU/R	7,335
Southwestern	KD6EFQ/R	1,710
West Gulf	N5ZY/R	29,562
Canada	VE3OIL/R	93,470
Limited Rover		
Atlantic	AA2SD/R	7,605
Dakota	WØRRC/R	160
Midwest	NØLNO/R	5,764
New England	WA1PQY/R	3,948
Northwestern	KA7RRA/R	1,330
Roanoke	KM4OZH/R	16,820
Southwestern	N7GP/R	26,390
West Gulf	NL7CO/R	2,886
Canada	VE3RKS/R	105
Unlimited Rove	ır	
Atlantic	N2SLN/R	10,175
New England	KG6CIH/R	36,240
Roanoke	KK4BZ/R	2,912
West Gulf	NØLD/R	32,882
Single Operator		
Atlantic	K1RZ	150,046
Central	K9KLD	28,000
Dakota	KØAWU	5,247
Delta	N4QWZ	14,155
Great Lakes	N8LRG	15,036
Hudson	WA2FZW	16,686
Midwest	KØTPP	3,864
New England	K1TEO	354,432
Northwestern	N7EPD	6,784

Pacific	K6RE	7,332
Roanoke	W3IP	46,374
Rocky		·
Mountain	K7ULS	957
Southeastern	WA4GPM	10,512
Southwestern	W6KK	455
West Gulf	AA5AM	14,091
Canada	VA3IKE	16,100
Single Operator, Low Power		
Atlantic	N2WK	86,194
Central	K2DRH	49,612
Dakota	KØVG	588
Delta	AJ6T	3,216
Great Lakes	K8NWN	9,380
Hudson	WA2VNV	16,206
Midwest	NØLL	2,067
New England	W1SJ	52,871
Northwestern	W7IMC	4,520
Pacific	K6USY	4,200
Roanoke	K4FJW	2,415
Rocky		
Mountain	WJ7L	494
Southeastern	KY4G	4,452
Southwestern	N7IR	4,560
West Gulf	WB5TUF	3,196
Canada	VE2ZAZ	13,875
Single Operator, Analog Only, High		
Power		
Atlantic	W2FU	122,010
Great Lakes	K2YAZ	54
Hudson	W2KV	18,247
New England	WZ1V	43,935
Northwestern	KJ7BJS	2,940
Pacific	N6RO	4,988
Southeastern	WB4WXE	1,269
West Gulf	K5LLL	4,998
Canada	VE3ZV	28,391
Single Operator, Analog Only, Low Power		

Atlantic	KD3HN	980
Central	KG9AP	4,545
Great Lakes	K8BB	740
Hudson	WB2JAY	26,544
Midwest	AF4JF	192
New England	AF1T	114,400
Northwestern	N6ZE	1,805
Pacific	K2GMY	3,834
Roanoke	KN4FTT	35
Southeastern	KI4MZC	4
Southwestern	N6KN	4,676
West Gulf	WB5ZDP	165
Canada	VE3KH	19,082
Single Operato	r, Portable	
Atlantic	W3MEO	20
Dakota	NØSUW	432
Delta	W4RXR	4,218
Midwest	NØJK	135
New England	KB1RJS	64
Northwestern	K7MDL	1,840
Pacific	AF6SA	1,320
Southwestern	AF5T	2,128
West Gulf	K5ND	4,998
Canada	VA2VT	456
Single Operato	r, Portable, An	alog Only
Atlantic	N2MAK	688
Central	WN1C	600
Delta	N3AWS	12
Hudson	WB2AMU	432
New England	AJ1S	35
Northwestern	K7ATN	924
Pacific	K6MI	10,494
Roanoke	W4AQ	84
Southwestern	W7JET	1,702
		,
Single Operato	r, 3 Band	
Atlantic	N3AAA	29,832
Central	KO9A	24,824
Dakota	K8OS	216
Delta	N9TF	616
Great Lakes	KA8CNI	1,870
OTOGE LUNCS	10 to Ol VI	1,070

Atlantic	W2EA	105,028
Central	WD9EXD	29,750
Dakota	WØAUS	99
Great Lakes	N8GA	73,048
Hudson	WE1P	43,279
New England	W2SZ	290,250
Northwestern	WDØRKS	1,078
Southeastern	W4NH	32,512
Southwestern	W6TRW	290
West Gulf	KC5MVZ	570

Affiliated Club Competition

Club	Score	Entries
Medium		
Wediam		
Mt Airy VHF Radio Club	962,638	28
Ontario VHF Association	707,389	33
Potomac Valley Radio Club	300,087	27
North East Weak Signal Group	269,832	19
Society of Midwest Contesters	162,452	19
Carolina DX Association	155,128	3
Frankford Radio Club	48,361	6
Fourlanders Contest Team	39,592	4
Arizona Outlaws Contest Club	35,848	7
Pacific Northwest VHF Society	33,069	24
Florida Contest Group	27,644	6
North Texas Microwave Society	24,921	4
Roadrunners Microwave Group	23,229	4
Northern California Contest Club	22,584	11
Michigan VHF-UHF Society	18,934	4
Yankee Clipper Contest Club	15,967	10
Swamp Fox Contest Group	12,549	5
DFW Contest Group	10,491	6
Texas DX Society	9,985	5
Southern California Contest Club	9,780	9
Northern Lights Radio Society	9,156	10
Tennessee Contest Group	7,596	5
Contest Club Ontario	6,324	6
South Jersey Radio Assn	4,536	3
Western Canada Weak Signal Assoc	3,447	3
South East Contest Club	3,377	4
Convair/220 Amateur Radio Club	1,849	3
Sierra Nevada ARS	337	3
Local		
Stoned Monkey VHF ARC	132,032	8
Bristol (TN) ARC	3,606	4

QSO and Multiplier Leaders by Category

		VE3WJ/R	7
Classic Rover		W3ICC/R	7
50 MHz QSOs		AG4V/R	6
KG9OV/R	84	KG9OV/R	6
VE3OIL/R	75	N5ZY/R	6
K9TMS/R	70		
KC9NJZ/R	68	432 MHz QSOs	
N9REP/R	59	K2QO/R	57
		N9REP/R	57
50 MHz Mults		K9TMS/R	50
KG9OV/R	35	KC9NJZ/R	44
VE3OIL/R	20	VE3OIL/R	44
N5ZY/R	18		
KC9NJZ/R	14	432 MHz Mults	
W5OC/R	13	K8IE/R	15
		N5ZY/R	11
144 MHz QSOs		VA3TEC/R	11
VE3OIL/R	76	K2QO/R	10
KG9OV/R	70	VE3OIL/R	10
W5OC/R	66		
KC9NJZ/R	63	902 MHz QSOs	
N9REP/R	58	N9REP/R	48
		K9TMS/R	40
144 MHz Mults		K2QO/R	39
KG9OV/R	24	KC9NJZ/R	34
VE3OIL/R	24	N5ZY/R	34
K8IE/R	20		
W5OC/R	17	902 MHz Mults	
KC9NJZ/R	16	N5ZY/R	9
		VE3OIL/R	7
222 MHz QSOs		VE3WJ/R	7
N9REP/R	59	K2QO/R	6
K2QO/R	53	K9TMS/R	4
K9TMS/R	50	KC9NJZ/R	4
VE3OIL/R	45	N9REP/R	4
KC9NJZ/R	41	W8ISS/R	4
222 MHz Mults		1.2 GHz QSOs	
VE3OIL/R	10	K2QO/R	42
K2QO/R	9		

N9REP/R 32 5.7 GHz Mutts W2EV/R 30 VE3OIL/R 7 K9TMS/R 28 VE3WI/R 7 KC9NJZ/R 28 VE3WI/R 2 VE3OIL/R 28 W2EV/R 2 1.2 GHz Mults 10 GHz QSOs 11 N5ZY/R 9 VE3OIL/R 11 K2QO/R 7 VE3WI/R 7 VE3OIL/R 7 VE3WI/R 7 VE3OIL/R 7 VE3OIL/R 1 VE3OIL/R 7 VE3WI/R 7 VE3OIL/R 14 VE3OIL/R 7 VE3OIL/R 14 VE3OIL/R 8 VE3OIL/R 14 VE3WI/R 7 VE3WI/R 7 VE3WI/R 7	N5ZY/R	35		
W2EV/R 30	N9REP/R		5.7 GHz Mults	
K9TMS/R	W2EV/R		VE3OIL/R	7
KOSNIZ/R 28	K9TMS/R		VE3WJ/R	7
1.2 GHz Mults N5ZY/R N5ZY/R 9 VE3OIL/R 7 VE3OIL/R 7 VE3WI/R 7 W3ICC/R 6 10 GHz Mults VE3OIL/R 7 W3ICC/R 6 10 GHz Mults VE3OIL/R 7 VE3WI/R 7 VE3WI/R 7 VE3WI/R 7 VE3OIL/R 14 W3ICC/R 10 24 GHz QSOs VE3OIL/R 8 VE3OIL/R 8 VE3OIL/R 8 VE3WI/R 7 VE3OIL/R 7 VE3WI/R 7		28		2
N5ZY/R	VE3OIL/R	28	W2EV/R	2
N5ZY/R				
K2QO/R 7 VE3WI/R 7 VE3WI/R 7 K2QO/R 1 VE3WI/R 7 VE3WI/R 7 W3ICC/R 6 10 GHz Mults 7 VE3OIL/R 7 VE3WI/R 7 K2QO/R 25 K2QO/R 1 VE3OIL/R 14 VE3OIL/R 8 W2EV/R 9 VE3OIL/R 8 VE3WI/R 7 VE3WI/R 7 VE3OIL/R 7 VE3WI/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3QO/R 5 VE3WI/R 7 W2EV/R 3 VE3OIL/R 7 W2EV/R 4 K2QO/R 1 123 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3OIL/R 7 VE3OIL/R 5 VE3WI/R 7 VE3OIL/R 5 VE3WI/R 7 VE3OIL/R 5 VE3WI/R 7 VE3OIL/R 2 Light QSOs VE3OIL/R 7 VE3OIL	1.2 GHz Mults		10 GHz QSOs	
VE3OIL/R	N5ZY/R	9	VE3OIL/R	11
VE3WJ/R 7 W3ICC/R 6 10 GHz Mults VE3OIL/R 7 VE3QO/R 25 K2QO/R 1 VE3OIL/R 14 VE3OIL/R 1 VE3OIL/R 10 24 GHz QSOS 8 W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 W2EV/R 3 VE3OIL/R 7 W2EV/R 3 VE3OIL/R 7 VE3OIL/R 4 K2QO/R 1 W2EV/R 3 VE3OIL/R 7 VE3OIL/R 5 VE3OIL/R 7 VE3OIL/R 5 VE3OIL/R 7 VE2V/R 3 VE3OIL/R 7 VE3OIL/R 2 Light QSOs VE3OIL/R 7 VE3OIL/R 7	K2QO/R	7	VE3WJ/R	7
W3ICC/R 6 10 GHz Mults VE30IL/R 7 2.3 GHz QSOs VE3WJ/R 7 K2QO/R 25 K2QO/R 1 VE30IL/R 14 VE3QO/R 1 W3ICC/R 10 24 GHz QSOs 8 W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 K2QO/R 1 XE2QO/R 1 VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W2EV/R 3 XE2QO/R 1 W2EV/R 3 XE2QO/R 1 W2EV/R 4 K2QO/R 1 W2EV/R 3 YE3OIL/R 7 VE3OIL/R 7 VE3WJ/R 7 W2EV/R 5 VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 2 Light QSOs VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R	VE3OIL/R	7	K2QO/R	1
VE3OIL/R	VE3WJ/R	7		
2.3 GHz QSOS VE3WI/R 7 K2QO/R 25 K2QO/R 1 VE3OIL/R 14 VE3OIL/R 8 W2EV/R 9 VE3OIL/R 8 VE3WI/R 7 VE3WI/R 7 K2QO/R 1 1 2.3 GHz Mults VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 W2EVI/R 3 YE3OIL/R 7 W2EVIR 3 YE3OIL/R 7 VE3OIL/R 4 K2QO/R 1 W2EVIR 3 YE3OIL/R 7 VE3OIL/R 5 VE3OIL/R 7 VE3OIL/R 5 VE3WI/R 7 VE3OIL/R 2 123 GHz Mults 7 VE3OIL/R 2 123 GHz Mults 7 VE3OIL/R 2 VE3WI/R 7 VE3OIL/R 2 VE3WI/R 7 VE3WI/R 2 VE3WI/R 7 VE3OIL/R 7 VE3WI/R	W3ICC/R	6	10 GHz Mults	
K2QO/R 25 K2QO/R 1 VE3OIL/R 14 4 W3ICC/R 10 24 GHz QSOs W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 K2QO/R 1 1 2.3 GHz Mults YE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W2EV/R 3 *** 1 W2EV/R 3 *** 1 VE3OIL/R 5 VE3WJ/R 7 VE3OIL/R 5 VE3WJ/R 7 VE3OIL/R 5 VE3WJ/R 7 VE3OIL/R 3 *** *** KØBAK/R 2 123 GHz Mults *** VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 2 VE3WJ/R 7 5.7 GHz QSOs *** *** *** VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7			VE3OIL/R	7
VE3OIL/R 14 W3ICC/R 10 24 GHz QSOS W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 L2.3 GHz Mults 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOS 3.4 GHz QSOS VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 123 GHz Wults 7 WE3OIL/R 2 123 GHz Mults 7 VE3OIL/R 7 VE3WJ/R 7 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R 2 123 GHz Wults 7 VE3OIL/R 2 124 GHz Wults 7 VE3OIL/R </td <td>2.3 GHz QSOs</td> <td></td> <td>VE3WJ/R</td> <td>7</td>	2.3 GHz QSOs		VE3WJ/R	7
W3ICC/R 10 24 GHz QSOS W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 K2QO/R 1 2.3 GHz Mults VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOS 3.4 GHz QSOS VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 XØBAK/R 2 123 GHz Mults VE3OIL/R 7 VE3WJ/R 7 XØBAK/R 2 124 Light QSOs 7 W2EV/R 2 VE3OIL/R 7 VE3OIL/R 2 VE3OIL/R 7 VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R </td <td>K2QO/R</td> <td>25</td> <td>K2QO/R</td> <td>1</td>	K2QO/R	25	K2QO/R	1
W2EV/R 9 VE3OIL/R 8 VE3WJ/R 7 VE3WJ/R 7 K2QO/R 1 2.3 GHz Mults VE3OIL/R 7 24 GHz Mults VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 VE3OIL/R 2 123 GHz Mults VE3OIL/R 7 VE3WJ/R 7 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R 2 12 Light QSOs 7 W2EV/R 2 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R<	VE3OIL/R	14		
VE3WJ/R 7 VE3WJ/R 7 L3 GHz Mults VE3OIL/R 7 24 GHz Mults VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOS 3.4 GHz QSOS VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 3.4 GHz Mults VE3OIL/R 7 VE3OIL/R 2 123 GHz Mults VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 2 VE3OIL/R 7 VE3OI	W3ICC/R	10	24 GHz QSOs	
K2QO/R 1 2.3 GHz Mults VE3OIL/R 7 24 GHz Mults VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOs 123 GHz QSOs 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 XØBAK/R 2 123 GHz Mults VE3OIL/R 3 VE3WJ/R 7 XØBAK/R 2 123 GHz Mults VE3WJ/R 7 XØBAK/R 2 12 Light QSOs VE3WJ/R 7 XØEV/R 2 VE3OIL/R 7 YE3WJ/R 7 VE3OIL/R 7 YE3WJ/R 7 VE3OIL/R 7 YE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	W2EV/R	9	VE3OIL/R	8
VE3 GHz Mults VE3 OIL/R 7 24 GHz Mults VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOS 3.4 GHz QSOS VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R 7 7 VE3WJ/R 7 5.7 GHz QSOS 7 VE3OIL/R 7 VE3OIL/R 8 Light Mults 1 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7 W2EV/R 5 VE3WJ/R 7	VE3WJ/R	7	VE3WJ/R	7
VE3OIL/R 7 24 GHz Mults VE3WJ/R 7 VE3OIL/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOS 3.4 GHz QSOS VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 KØBAK/R 2 123 GHz Mults VE3OIL/R 7 KØBAK/R 2 123 GHz Mults VE3OIL/R 7 KØBAK/R 2 124 GHz Mults VE3OIL/R 7 W2EV/R 2 124 GHz Mults VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3WJ/R 7			K2QO/R	1
VE3WJ/R 7 VE3WJ/R 7 K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOs 3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 XØBAK/R 2 123 GHz Mults VE3OIL/R 7 VE3WJ/R 7 VE3WJ/R 7 VE3OIL/R 2 Light QSOs 7 VE3OIL/R 8 Light Mults 7 VE3OIL/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	2.3 GHz Mults			
K2QO/R 5 VE3WJ/R 7 W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOs 3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 3.4 GHz Mults VE3OIL/R 7 KØBAK/R 2 Light QSOs W2EV/R 2 VE3OIL/R 7 VE3OIL/R 2 VE3OIL/R 7 VE3OIL/R 8 Light Mults VE3OIL/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3OIL/R 7	VE3OIL/R	7	24 GHz Mults	
W3ICC/R 4 K2QO/R 1 W2EV/R 3 123 GHz QSOs 3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R VE3OIL/R 7 KØBAK/R 2 Light QSOs W2EV/R 2 VE3OIL/R 7 VE3OIL/R 2 VE3WJ/R 7 5.7 GHz QSOs VE3OIL/R 7 VE3OIL/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	VE3WJ/R	7	VE3OIL/R	7
W2EV/R 3 123 GHz QSOs 3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3WJ/R 7 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R 7 VE3WJ/R 7 KØBAK/R 2 Light QSOs 7 W2EV/R 2 VE3OIL/R 7 VE3OIL/R 2 VE3WJ/R 7 VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	K2QO/R	5	VE3WJ/R	7
123 GHz QSOs 3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 Feature Mults VE3OIL/R 7 S.4 GHz Mults VE3OIL/R 7 7 KØBAK/R 2 Light QSOs 2 VE3OIL/R 7 W2EV/R 2 VE3OIL/R 7 VE3WJ/R 7 5.7 GHz QSOs VE3OIL/R 8 Light Mults VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	W3ICC/R	4	K2QO/R	1
3.4 GHz QSOs VE3OIL/R 7 VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 VE3OIL/R 7 KØBAK/R 2 123 GHz Mults 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 2 Light QSOs VE3WJ/R 7 W2EV/R 2 VE3OIL/R 7 VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	W2EV/R	3		
VE3OIL/R 5 VE3WJ/R 7 W2EV/R 3 123 GHz Mults VE3OIL/R 7 KØBAK/R 2 VE3WJ/R 7 VE3OIL/R 2 Light QSOs W2EV/R 2 VE3OIL/R 7 5.7 GHz QSOs VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7			123 GHz QSOs	
W2EV/R 3 KØBAK/R 2 123 GHz Mults VE3OIL/R 7 3.4 GHz Mults VE3WJ/R 7 KØBAK/R 2 Light QSOs VE3OIL/R 2 VE3OIL/R 7 VE3VJ/R 7 VE3WJ/R 7 5.7 GHz QSOs VE3WJ/R 7 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	3.4 GHz QSOs		VE3OIL/R	7
KØBAK/R 2 123 GHz Mults VE3OIL/R 7 \$\text{XØBAK/R}\$ 2 \$\text{VE3OIL/R}\$ VE3OIL/R 2 \$\text{Light QSOs}\$ W2EV/R 2 \$\text{VE3OIL/R}\$ 7 \$\text{5.7 GHz QSOs}\$ \$\text{VE3WJ/R}\$ 7 \$\text{VE3OIL/R}\$ 8 \$\text{Light Mults}\$ \$\text{VE3WJ/R}\$ 7 \$\text{VE3OIL/R}\$ 7 \$\text{W2EV/R}\$ 5 \$\text{VE3WJ/R}\$ 7	VE3OIL/R	5	VE3WJ/R	7
3.4 GHz Mults VE3OIL/R 7 KØBAK/R 2 Light QSOs VE3OIL/R 2 VE3OIL/R 7 W2EV/R 2 VE3OIL/R 7 5.7 GHz QSOs VE3OIL/R 7 VE3WJ/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	W2EV/R	3		
3.4 GHz Mults VE3WJ/R 7 KØBAK/R 2 Light QSOs VE3OIL/R 2 VE3OIL/R 7 VE3WJ/R 7 VE3WJ/R 7 VE3OIL/R 8 Light Mults 7 VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	KØBAK/R	2	123 GHz Mults	
KØBAK/R 2 VE3OIL/R 2 Light QSOs W2EV/R 2 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7			VE3OIL/R	7
VE3OIL/R 2 Light QSOs W2EV/R 2 VE3OIL/R 7 VE3WJ/R 7 VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	3.4 GHz Mults		VE3WJ/R	7
W2EV/R 2 VE3OIL/R 7 VE3WJ/R 7 5.7 GHz QSOs Eight Mults VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	KØBAK/R	2		
VE3WJ/R 7 5.7 GHz QSOs Light Mults VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	VE3OIL/R		Light QSOs	
5.7 GHz QSOs VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7	W2EV/R	2	VE3OIL/R	7
VE3OIL/R 8 Light Mults VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7			VE3WJ/R	7
VE3WJ/R 7 VE3OIL/R 7 W2EV/R 5 VE3WJ/R 7				
W2EV/R 5 VE3WJ/R 7				
				7
KØBAK/R 2			VE3WJ/R	7
	KØBAK/R	2		

Limited Rover		
50 MHz QSOs		
(M4OZH/R	127	
7GP/R	127	AA2
(C3FQF/R	71	WA1F
NØLNO/R	56	NØLNO
AA2SD/R	52	
		432 MHz
50 MHz Mults		KE4WMF
N7GP/R	33	KM4OZH/
KC3FQF/R	23	AA2SD/R
KM4OZH/R	23	N7GP/R
NØLNO/R	15	NØLNO/R
AA2SD/R	13	
		Unlimited F
144 MHz QSOs		50 MHz QSC
N7GP/R	83	KK4BZ/R
NL7CO/R	81	NØLD/R
KE4WMF/R	65	KG6CIH/R
(M4OZH/R	60	N2SLN/R
WA1PQY/R	44	W8BRY/R
		WB2VVQ/R
144 MHz Mults		
NL7CO/R	21	50 MHz Mul
C3FQF/R	18	NØLD/R
(E4WMF/R	17	KK4BZ/R
IØLNO/R	13	N2SLN/R
M4OZH/R	12	KG6CIH/R
		W8BRY/R
22 MHz QSOs		WB2VVQ/R
7GP/R	44	
A2SD/R	24	144 MHz QS
M4OZH/R	21	NØLD/R
E4WMF/R	18	N2SLN/R
N6GP/R	12	KG6CIH/R
		KK4BZ/R
222 MHz Mults		W8BRY/R
KE4WMF/R	8	
AA2SD/R	6	144 MHz Mւ
KM4OZH/R	6	NØLD/R
N7GP/R	6	N2SLN/R
N6GP/R	4	KK4BZ/R
		KG6CIH/R

WB2VVQ/R	5	KJ1K/R	3
		WB2VVQ/R	3
222 MHz QSOs		KK4BZ/R	1
KG6CIH/R	38	W8BRY/R	1
N2SLN/R	31		
WB2VVQ/R	7	1.2 GHz QSOs	
KJ1K/R	6	NØLD/R	33
W8BRY/R	6	KG6CIH/R	26
		WB2VVQ/R	7
222 MHz Mults		KJ1K/R	6
N2SLN/R	12	W8BRY/R	1
KG6CIH/R	7		
KJ1K/R	3	1.2 GHz Mults	
NØLD/R	3	NØLD/R	8
W8BRY/R	3	KG6CIH/R	5
WB2VVQ/R	3	KJ1K/R	3
		WB2VVQ/R	3
432 MHz QSOs		W8BRY/R	1
NØLD/R	47		
KG6CIH/R	42	2.3 GHz QSOs	
N2SLN/R	27	KG6CIH/R	18
W8BRY/R	7	KJ1K/R	4
WB2VVQ/R	6	WB2VVQ/R	3
		W8BRY/R	1
432 MHz Mults			
N2SLN/R	13	2.3 GHz Mults	
NØLD/R	13	KG6CIH/R	5
KG6CIH/R	8	KJ1K/R	3
W8BRY/R	4	WB2VVQ/R	3
KJ1K/R	3	W8BRY/R	1
WB2VVQ/R	3		
		3.4 GHz QSOs	
902 MHz QSOs		KG6CIH/R	13
NØLD/R	33	KJ1K/R	3
KG6CIH/R	20	WB2VVQ/R	3
KJ1K/R	6	W8BRY/R	1
WB2VVQ/R	3		
KK4BZ/R	1	3.4 GHz Mults	
W8BRY/R	1	KG6CIH/R	4
		KJ1K/R	3
902 MHz Mults		WB2VVQ/R	3
NØLD/R	8	W8BRY/R	1
KG6CIH/R	5		

5.7 GHz QSOs			
KG6CIH/R	10	Single Operator, High Po	wer
KJ1K/R	4	50 MHz QSOs	
WB2VVQ/R	3	K1TEO	185
W8BRY/R	1	K1TO	168
		K1HTV	119
5.7 GHz Mults		W3IP	103
KG6CIH/R	3	K3SK	101
KJ1K/R	3	WA2FZW	101
WB2VVQ/R	3		
W8BRY/R	1	50 MHz Mults	
		K1TO	97
10 GHz QSOs		K1TEO	61
KG6CIH/R	10	W5LO	58
W8BRY/R	2	КØТРР	56
		KK4MA	55
10 GHz Mults			
KG6CIH/R	3	144 MHz QSOs	
W8BRY/R	1	K1TEO	182
		K1RZ	126
24 GHz QSOs		N3MK	104
KG6CIH/R	2	K1KG	93
		W3IP	92
24 GHz Mults			
KG6CIH/R	1	144 MHz Mults	
		K1TEO	51
47 GHz QSOs		VE3WY	48
KG6CIH/R	2	W3IP	45
		K1RZ	44
47 GHz Mults		K9KLD	41
KG6CIH/R	1		
		222 MHz QSOs	
123 GHz QSOs		K1TEO	94
KG6CIH/R	2	K1RZ	66
		K1WHS	52
123 GHz Mults		K1KG	40
KG6CIH/R	1	K3SK	25
Light QSOs		222 MHz Mults	
KG6CIH/R	2	K1TEO	38
		K1RZ	33
Light Mults		K1WHS	31
KG6CIH/R	1	K3SK	18

K1KG	17	K3SK	19
W3IP	17	K1RZ	13
VVSIF	17	K1KG	7
432 MHz QSOs		W2SJ	7
K1TEO	118	WZSJ	/
K1RZ	86	2.3 GHz QSOs	
K1WHS	51	2.3 GHZ Q303 K1TEO	25
K1WH3 K1KG	46	W5LUA	
N3MK			12
INOIMIK	43	K1KG	9
400 MHz Multo		K1RZ	9
432 MHz Mults	44	N2JQR	5
K1TEO	41		
K1RZ	38	2.3 GHz Mults	
K1WHS	27	K1TEO	17
N3MK	23	W5LUA	11
VA3IKE	23	K1RZ	7
		K1KG	5
902 MHz QSOs		N2JQR	4
K1TEO	38		
K1RZ	23	3.4 GHz QSOs	
K1KG	13	K1TEO	12
N2JQR	11	K1KG	8
WB2RVX	5	K1RZ	5
		WB2RVX	3
902 MHz Mults			
K1TEO	26	3.4 GHz Mults	
K1RZ	14	K1TEO	10
K1KG	7	K1KG	5
N2JQR	5	K1RZ	4
AA5AM	3	WB2RVX	3
KØAWU	3		
W1FKF	3	5.7 GHz QSOs	
WB2RVX	3	K1TEO	9
		K1RZ	8
1.2 GHz QSOs		K1KG	6
K1TEO	54	WB2RVX	4
K1RZ	23	WB4OMG	3
K3SK	20		
K1KG	17	5.7 GHz Mults	
WB2RVX	13	K1TEO	8
	-	K1RZ	6
1.2 GHz Mults		K1KG	5
K1TEO	25	WB2RVX	3
::= :=	20	1	3

WB4OMG	3	NR2C	81
10 GHz QSOs		144 MHz Mults	
K1RZ	9	K2DRH	42
K1TEO	9	N2WK	39
K1KG	5	VE2ZAZ	32
W1FKF	4	KA2ENE	31
W3IP	3	N2SCJ	30
	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
10 GHz Mults		222 MHz QSOs	
K1TEO	7	N2WK	41
K1RZ	6	W1SJ	39
K1KG	5	KA2ENE	35
W1FKF	2	NR2C	23
W3IP	2	K2DRH	20
		N3IDR	20
24 GHz QSOs			
W2CCC (K2CS, op)	1	222 MHz Mults	
		N2WK	20
24 GHz Mults		K2DRH	16
W2CCC (K2CS, op)	1	N3IDR	16
		KA2ENE	15
Single Operator, Low Power		K2LNS	13
50 MHz QSOs			
W1SJ	140	432 MHz QSOs	
KB3Z	120	W1SJ	58
K2DRH	111	N2SCJ	57
NR2C	99	W7IMC	55
N2SCJ	94	NR2C	42
		N2WK	41
50 MHz Mults			
K2DRH	68	432 MHz Mults	
NR2C	38	K2DRH	24
KB3Z	32	NR2C	20
WB5TUF	32	VE2ZAZ	20
K8NWN	31	N2SCJ	19
N3IDR	31	N2WK	18
144 MHz QSOs		902 MHz QSOs	
W1SJ	130	N2WK	21
N2SCJ	111	KA2ENE	15
N2WK	85	NR2C	14
W7IMC	82	W1SJ	9
VV / II*IC	oΖ	I AA TOI	Э

W3GAD	6	W1SJ	6
	·	N2OA	5
902 MHz Mults		NR2C	4
N2WK	9	VE3SMA	1
KA2ENE	5	V2001 I/X	_
W1SJ	5	3.4 GHz Mults	
W3GAD	5	N2WK	6
K2LNS	4	W1SJ	4
N1YCQ	4	N2OA	2
NR2C	4	NR2C	2
MIZO	7	VE3SMA	1
1.2 GHz QSOs		VEGGLIA	1
N2WK	21	5.7 GHz QSOs	
NR2C	18	N2WK	9
KA2ENE	16	NR2C	8
W1SJ	16	N2OA	5
N2OA	13	NZOA	5
NZOA	13	5.7 GHz Mults	
1.2 GHz Mults		N2WK	4
N2WK	9	NR2C	4
N2OA	7	N2OA	2
W1SJ	7	NZOA	2
KA2ENE	6	10.047.0500	
	6	10 GHz QSOs N2WK	0
NR2C	0	NR2C	9
2 2 CH- 050a		N2OA	4
2.3 GHz QSOs N2WK	20	VE2ZAZ	4
NR2C	11	VE3SMA	4
W1SJ	8	40 OH- Multo	
N2OA	5	10 GHz Mults	7
VE3SMA	3	N2WK	7
W3GAD	3	NR2C	5
0 0 0U= M.·.Ita		VE2ZAZ	3
2.3 GHz Mults	40	N2OA	2
N2WK	10	WJ7L	2
NR2C	5	24 244 222	
W1SJ	5	24 GHz QSOs	_
N2OA	2	NR2C	5
VE3SMA	2	VE3SMA	3
W3GAD	2	N2WK	2
3.4 GHz QSOs		24 GHz Mults	
N2WK	8	NR2C	3
		1	

N2WK	2	VE3ZV	
E3SMA	1	W2KV	
		KR1ST	
ngle Operator, Analog (Only, High		
ower		432 MHz QSOs	
0 MHz QSOs		WZ1V	
/Z1V	67	KJ7BJS	
/2FU	53	W2FU	
2KV	43	W2KV	
A1T	30	VE3ZV	
1ST	28		
		432 MHz Mults	
MHz Mults		W2FU	
2FU	22	WZ1V	
'1V	22	VE3ZV	
2KV	14	W2KV	
A1T	13	K5LLL	
34WXE	13	KR1ST	
MHz QSOs		902 MHz QSOs	
KV	93	W2FU	
1V	87	VE3ZV	
BJS	74	WA1T	
FU	65	W3OAB	
1T	56	KC3BVL	
		N2JMH	
MHz Mults		14231 111	
FU	28	902 MHz Mults	
(V	27	W2FU	
1V	26	VE3ZV	
3ZV	23	WA1T	
A1T	20	W3OAB	
		W1GHZ	
22 MHz QSOs		***************************************	
2FU	57	1.2 GHz QSOs	
/Z1V	45	W2FU	
E3ZV	31	WZ1V	
/2KV	28	VE3ZV	
/A1T	20	N6RO	
	-	K1TR	
22 MHz Mults	-		
2FU	24	1.2 GHz Mults	
Z1V	19	W2FU	

VE3ZV 8 VE3ZV 2 N6RO 7 FSLLL 6 Single Operator, Analog Only, Low Power KR1ST 6 FOWER 50 MHz QSOS AF1T 69 W2FU 22 AA2A (N2KW, op) 35 VE3ZV 6 WB2JAY 31 XC3BVL 30 AC1J 26 XB2VW 28 XB2VW 21 XB2VW 21 XB2VW 10 XB2VW<	WZ1V	12	W2FU	5
Single Operator, Analog Only, Low Power Fower Fo	VE3ZV	8	VE3ZV	2
Power	N6RO	7		
SO MHz QSOS AF1T 69	K5LLL	6	Single Operator, Analog O	nly, Low
AF1T 69	KR1ST	6	Power	
W2FU 22 AA2A (N2KW, op) 35 VE3ZV 6 WB2JAY 31 KC3BVL 4 N6KN 30 N2JMH 2 AC1J 26 WB2VVV 26 2.3 GHz Mults W2FU 14 50 MHz Mults VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 N2JMH 1 WB2JAY 11 SAGAR P 9 W2FU 8 WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 AF1T 93 A.4 GHz Mults W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 AF1T 24 KC3BVL 9 AF1T 24 KC3BVL 1 WB2JAY 15 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 AF1T 24 KC3BVL 1 WB2JAY 15 N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 15 N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults W2FU 9 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2JAY 19 VE3ZV 1 KG9AP 33 AC1J 12 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2VVV 10 MB2VVV 22 MB2			50 MHz QSOs	
VE3ZV 6 WB2JAY 31 KC3BVL 4 N6KN 30 N2JMH 2 AC1J 26 WB2VVV 26 2.3 GHz Mults WZFU 14 S0 MHz Mults VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 WB2VVV 10 3.4 GHz QSOS KG9AP 9 WZFU 8 N2JMH 2 144 MHz QSOS AF1T 93 3.4 GHz Mults WB2JAY 53 WZFU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS WZFU 9 144 MHz Mults NZJMH 2 AF1T 24 KC3BVL 1 WB2JAY 15 N6KN 33 5.7 GHz QSOS WZFU 9 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 KC2GMY 45 N6KN 31 5.7 GHz QSOS WZFU 9 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 WZFU 5 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 MZFU 5 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 TORDAY MULTS WB2VVV 10 MZFU 5 KC3BVL 1 WB2JAY 19 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOS WZFU 8 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOS	2.3 GHz QSOs		AF1T	69
KC3BVL 4 N6KN 30 N2JMH 2 AC1J 26 WB2VVV 26 2.3 GHz Mutts W2FU 14 50 MHz Mutts VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 WB2JAY 53 3.4 GHz Mutts WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mutts S.7 GHz QSOS W2FU 9 144 MHz Mutts WB2JAY 53 KC3BVL 1 WB2JAY 15 S.7 GHz QSOS W2FU 9 144 MHz Mutts N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 S.7 GHz Mutts WB2VVV 10 MB2VVV 10 MB2VV 10 MB2VVV 10 M	W2FU	22	AA2A (N2KW, op)	35
N2JMH 2 AC1J 26 WB2VVV 26 2.3 GHz Mults W2FU 14 50 MHz Mults VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 AF1T 93 3.4 GHz Mults W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 AF1T 24 KC3BVL 1 WB2JAY 15 N2JMH 2 AF1T 24 KC3BVL 1 K69AP 13 KC3BVL 1 WB2JAY 19 VE3ZV 1 K69AP 13 S.7 GHz QSOS W2FU 9 AC1J 12 S.7 GHz Mults W2FU 5 K2GMY 15 KC3BVL 1 WB2JAY 19 VE3ZV 1 K69AP 13 KC3BVL 1 WB2VVV 10 W2FU 5 KC3BVL 1 WB2VVV 10 W2FU 5 WB2VVV 22 10 GHz QSOS AC1J 17 W2PU 8 VE3ZV 15 W2PU 8 VE3ZV 17 WB2VVV 22 10 GHz QSOS VE3ZV 15 W2PU 8 VE3KH 15	VE3ZV	6	WB2JAY	31
## WB2VVV 26 2.3 GHz Mults W2FU 14 50 MHz Mults VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 **WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 N2JMH 2 144 MHz QSOS AF1T 93 3.4 GHz Mults W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mults **NEZMY 45 **NEZMY 19 **VE3ZV 1 KG9AP 13 **NEZMY 19 **VE3ZV 1 WB2JAY 19 **WB2VVV 10 **WB2VVV 10 **WB2VVV 10 **WB2VVV 10 **MEZWY 38 **WB2VVV 32 **NEZMY 38 **WB2VVV 32 **NEZMY 38 **WB2VVV 32 **NEZMY 38 **VE3ZV 38 **VE3ZY 38 **VE3ZV 38 **VE3ZY 38	KC3BVL	4	N6KN	30
Name	N2JMH	2	AC1J	26
N2FU			WB2VVV	26
VE3ZV 4 AF1T 23 KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 WB2VW 10 SA4 GHz QSOS KG9AP 9 W2FU 8 KG9AP 9 Y2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 NGKN 33 5.7 GHz QSOS Y2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 WB2VVV 10 WZFU 5 KC3BVL 1 VE3ZV 1 WB2JAY 38 VE3ZV 2 WB2JAY	2.3 GHz Mults			
KC3BVL 2 AA2A (N2KW, op) 13 N2JMH 1 WB2JAY 11 WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 N2JMH 2 144 MHz QSOS AF1T 93 3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 WB2VVV 10 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 22 10 GHz QSOS V2FU 5 WB2VVV 22 10 GHz QSOS V2FU 5 WB2VVV 22 10 GHz QSOS V2FU 5 WB2VVV 22 10 GHz QSOS VE3ZV 1 WB2VVV 22 10 GHz QSOS VE3ZV 3 WB2VVV 22 10 GHz QSOS VE3ZV 3 VE3KH 15	W2FU	14	50 MHz Mults	
N2JMH 1 WB2JAY 11 WB2VVV 10 3.4 GHz QSOS KG9AP 9 W2FU 8 N2JMH 2 144 MHz QSOS AF1T 93 3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 22 10 GHz QSOS N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOS AC1J 17 W2FU 8 VE3KH 15	VE3ZV	4	AF1T	23
WB2VVV 10	KC3BVL	2	AA2A (N2KW, op)	13
KG9AP 9 W2FU 8 N2JMH 2 144 MHz QSOs AF1T 93 3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOs 3 W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 20 N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	N2JMH	1	WB2JAY	11
W2FU 8 N2JMH 2 144 MHz QSOs AF1T 93 3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOs V2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 ST GHz Mults WB2VVV 10 W2FU 5 VB2VVV 10 W2FU 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 VE3KH 15			WB2VVV	10
N2JMH 2 144 MHz QSOs AF1T 93 3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOs VEYU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 ST GHz Mults WB2VVV 10 W2FU 5 WB2VVV 10 KC3BVL 1 AF1T 58 VE3ZV 1 WB2JAY 38 VE3ZV 2 AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	3.4 GHz QSOs		KG9AP	9
3.4 GHz Mults W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOs W2FU 9 144 MHz Mults N2JMH 2 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 WB2VVV 10 W2FU 5 KC3BVL 1 WB2JAY 19 WB2VVV 10 W2FU 5 KC3BVL 1 WB2VVV 10 W2FU 5 KC3BVL 1 WB2JAY 38 WB2VVV 22 MF1T 58 WB2VVV 10 WB2VVV 10 WB2VVV 10 WB2JAY 38 WB2VVV 22 MB2VVV 38 WB2VVV 38 WB2VVV 38 WB2VVV 38 WB2VVV 39 WB2VVV 30 WB2VVV 30 WB2VVV 30 WB2VVV 31 WB2VVV 32 MB2VVV 33 WB2VVV 34 WB2VVV 35 WB2VVV 36 WB2VVV 37 WB2VVV 38 WB2VVV 38 WB2VVV 39 WB2VVV 30 WB2VVV 30 WB2VVV 30 WB2VVV 31 WB2VVV 32 MB2VVV 33 WB2VVV 34 WB2VVV 35 WB2VVV 36 WB2VVV 37 WB2VVV 38 WB2VVV 38 WB2VVV 38 WB2VVV 38 WB2VVV 39 WB2VVV 30 MB2VVV 30 MB2VVV 30 MB2VVV 30 MB2VVV 31 MB2VVV 32 MB2VVV 32 MB2VVV 33 MB2VVV 34 MB2VVV 35 MB2VVV 36 MB2VVV 37 MB2VVV 38 MB2VVV 38 MB2VVV 38 MB2VVV 39 MB2VVV 30	W2FU	8		
3.4 GHz Mults WB2JAY 53 W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOs V2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 W2FU 5 WB2VVV 10 W2FU 5 WB2VVV 20 N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	N2JMH	2	144 MHz QSOs	
W2FU 6 K2GMY 45 N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 W82JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 W2FU 5 W82VVV 10 W2FU 5 VE3ZV 1 W82JAY 38 VE3ZV 1 W82JAY 38 W82VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults			AF1T	93
N2JMH 1 N6ZE 37 N6KN 33 5.7 GHz QSOS W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VV 10 W2FU 5 KC3BVL 1 222 MHz QSOS N2JMH 1 AF1T 58 VE3ZV 1 WB2VVV 22 10 GHz QSOS	3.4 GHz Mults		WB2JAY	53
N6KN 33 33 33 34 35 35 35 36 36 37 38 38 38 38 38 38 38	W2FU	6	K2GMY	45
5.7 GHz QSOs W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	N2JMH	1	N6ZE	37
W2FU 9 144 MHz Mults N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 W2FU 5 WB2VVV 10 KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults			N6KN	33
N2JMH 2 AF1T 24 KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 ST GHz Mults WB2VVV 10 W2FU 5 VE3BVL 1 N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	5.7 GHz QSOs			
KC3BVL 1 WB2JAY 19 VE3ZV 1 KG9AP 13 AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	W2FU	9	144 MHz Mults	
VE3ZV 1 KG9AP 13 5.7 GHz Mults WB2VVV 10 W2FU 5 WB2VVV 10 KC3BVL 1 222 MHz QSOs S N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	N2JMH	2	AF1T	24
AC1J 12 5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3	KC3BVL	1	WB2JAY	19
5.7 GHz Mults WB2VVV 10 W2FU 5 KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	VE3ZV	1	KG9AP	13
W2FU 5 KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults			AC1J	12
KC3BVL 1 222 MHz QSOs N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	5.7 GHz Mults		WB2VVV	10
N2JMH 1 AF1T 58 VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	W2FU	5		
VE3ZV 1 WB2JAY 38 WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	KC3BVL	1	222 MHz QSOs	
WB2VVV 22 10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	N2JMH	1		
10 GHz QSOs AC1J 17 W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults	VE3ZV	1	WB2JAY	38
W2FU 8 VE3KH 15 VE3ZV 3 222 MHz Mults				
VE3ZV 3 222 MHz Mults	10 GHz QSOs			
222 MHz Mults	W2FU	8	VE3KH	15
1-1-	VE3ZV	3		
10 GHz Mults AF1T 20				
	10 GHz Mults		AF1T	20

WB2JAY	16	WB2JAY	10
KG9AP	10	VE3KH	6
WB2VVV	9	AC1J	4
N6KN	6	N6KN	4
VE3KH	6		
		2.3 GHz QSOs	
432 MHz QSOs		AF1T	15
AF1T	69	WB2JAY	2
WB2JAY	39	WB2VVV	1
N6KN	35		
AC1J	27	2.3 GHz Mults	
K2GMY	23	AF1T	8
		WB2JAY	2
432 MHz Mults		WB2VVV	1
AF1T	24		
WB2JAY	17	3.4 GHz QSOs	
AC1J	10	AF1T	10
KG9AP	10	VE3KH	6
WB2VVV	10		
		3.4 GHz Mults	
902 MHz QSOs		AF1T	5
AF1T	25	VE3KH	4
VE3KH	12		
WB2JAY	11	5.7 GHz QSOs	
WB2VVV	4	AF1T	10
K1PNQ	3	VE3KH	9
902 MHz Mults		5.7 GHz Mults	
AF1T	13	AF1T	5
WB2JAY	9	VE3KH	5
VE3KH	6		
K1PNQ	2	10 GHz QSOs	
WB2VVV	2	VE3KH	13
		AF1T	12
1.2 GHz QSOs		N1CMD	3
AF1T	33	WB2VVV	1
WB2JAY	17		
VE3KH	15	10 GHz Mults	
AC1J	10	VE3KH	6
K2GMY	7	AF1T	5
		N1CMD	1
1.2 GHz Mults		WB2VVV	1
AF1T	12		

VE3KH	24 GHz QSOs		144 MHz QSOs	
K7MDL		7		38
VE3KH	AF1T	2	K5ND	36
VESIKH			K7MDL	19
### AFIT 1	24 GHz Mults		KN6OKY	18
### AT GHz QSOS AF1T 2 VA2VT 11 VE3KH 2 N2VTF 9 ### W4RXR 8 ### AT GHz Mults AF GHz Mults AF GHz Mults AF1T 1 VE3KH 1 AF5T 15 W4RXR 12 KN6OKY 3 AF6SA 1 AF6SA 1 AF6SA 1 Light QSOS W4RXR 6 AF1T 2 KNMDL 3 AF5T 2 Light Mults KN6OKY 2 AF5T 2 KN6OKY 2 AF5T 2 Single Operator, Portable 432 MHz QSOS KSND 36 W4RXR 19 KYMDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 KNACH 1	VE3KH	4	W4RXR	18
AF GHz QSOs K5ND 20 AF1T 2 VA2VT 11 VE3KH 2 N2YTF 9 W4RXR 8 AF GHz Mults NØSUW 6 AF1T 1 222 MHz QSOs AF1T 2 K7MDL 4 KN60KY 3 3 AF1T 1 2 K7MDL 4 KN60KY 3 AF6SA 1 AF1T 1 2 M2 Mtz Mults 6 Light QSOs W4RXR 6 6 AF1T 2 K7MDL 3 3 AF5T 2 KN60KY 2 2 AF1T 1 AF6SA 1 1 Single Operator, Portable KN60KY 2 2 KND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN60KY 11 AF5T 12 11 12	AF1T	1		
AF1T 2 VA2VT 11 VE3KH 2 N2YTF 9 WARXR 8 47 GHz Mults NØSUW 6 AF1T 1 VE3KH 1 1 AF5T 15 LIGHT QSOS W4RXR 112 AF6SA 1 1 AF1T 1 1 LIGHT QSOS W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 K7MDL 3 AF5T 2 LIGHT Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable			144 MHz Mults	
VE3KH 2 N2YTF 9 W4RXR 8 47 GHz Mults NØSUW 6 AF1T 1 VE3KH 1 VE3KH 1 222 MHz QSOs 15 123 GHz QSOs WARXR 12 AF1T 2 K7MDL 4 KN60KY 3 3 123 GHz Mults AF6SA 1 AF1T 1 222 MHz Mults Light QSOs W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN60KY 2 AF1T 1 AF6SA 1 Single Operator, Portable KN60KY 2 Single Operator, Portable 432 MHz QSOs K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN60KY 11 AF5T 17 432 MHz Mults<	47 GHz QSOs		K5ND	20
### AF GHz Mults AF GHz Mults AF1T VE3KH 1 VE3KH 1 1 1 1 1 1 1 1 1 1 1 1 1	AF1T	2	VA2VT	11
AF GHz Mults NØSUW 6 AF1T 1 222 MHz QSOS AF5T 15 123 GHz QSOS W4RXR 12 AF1T 2 K7MDL 4 KN6OKY 3 123 GHz Mults AF6SA 1 AF1T 1 222 MHz Mults Light QSOS W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOS K5ND AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 432 MHz Mults 11 K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA<	VE3KH	2	N2YTF	9
AF1T VE3KH 1 VE3KH 1 1 222 MHz QSOS AF5T 15 143 GHz QSOS AF1T 2 K7MDL 4 KN6OKY 3 123 GHz Mults AF6SA 1 AF1T 1 222 MHz Mults Light QSOS AF6SA AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 3 AF5T 2 Light Mults AF5T 2 Light Mults AF5T 2 Single Operator, Portable SO MHz QSOS KSND 36 KSND 36 KYMDL 33 K5ND 15 W4RXR 19 K7MDL 11 AF6SA 21 K7MDL 11 AF6SA 21 K7MDL 11 AF6SA 21 KN6OKY 11 AF6SA 31 K7MDL 11 AF6SA 31 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 31 K7MDL 31 N2YTF 66 AF6SA 38 K7MDL 38 AF6SA 3 K7MDL 38 AF6ST 22 VA2VT 7 K7MDL 2			W4RXR	8
VE3KH 1 222 MHz QSOs AF5T 15 123 GHz QSOs W4RXR 12 AF1T 2 K7MDL 4 KN6OKY 3 123 GHz Mults AF6SA 1 AF1T 1 222 MHz Mults Light QSOs W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF5T 12 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 <td>47 GHz Mults</td> <td></td> <td>NØSUW</td> <td>6</td>	47 GHz Mults		NØSUW	6
AF5T	AF1T	1		
123 GHz QSOs W4RXR 12 AF1T 2 K7MDL 4 KN60KY 3 123 GHz Mults AF6SA 1 Light QSOs AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 15 K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7	VE3KH	1	222 MHz QSOs	
AF1T 2 K7MDL 4 KN6OKY 3 123 GHz Mults AF6SA 1 AF1T 1 Light QSOS W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOS K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 FO MHz Mults KN6OKY 11 AF6SA 21 KN6OKY 11 AF5T 17 SO MHz Mults KN6OKY 11 AF6SA 21 KN6OKY 11 AF6SA 21 KN6OKY 11 AF6SA 21 KN6OKY 11 AF5T 17 W432 MHz Mults K5ND 18 W4RXR 9 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 12			AF5T	15
KN6OKY 3 AF6SA 1	123 GHz QSOs		W4RXR	12
123 GHz Mults 1 222 MHz Mults Light QSOs WARXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF6ST 2 VA2VT 7 K7MDL 2	AF1T	2	K7MDL	4
AF1T 222 MHz Mults Light QSOs W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 11 K5ND 11 K5ND 11 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2			KN6OKY	3
Light QSOs W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 KN6OKY 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	123 GHz Mults		AF6SA	1
Light QSOs W4RXR 6 AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	AF1T	1		
AF1T 2 K7MDL 3 AF5T 2 Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs K5ND 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 11 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2			222 MHz Mults	
Light Mults AF5T 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 11 K5ND 11 K5ND 11 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	Light QSOs		W4RXR	6
Light Mults KN6OKY 2 AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	AF1T	2	K7MDL	3
AF1T 1 AF6SA 1 Single Operator, Portable 432 MHz QSOs 50 MHz QSOs K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 12 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2			AF5T	2
Single Operator, Portable 432 MHz QSOs 50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	Light Mults		KN6OKY	2
50 MHz QSOs AF5T 26 K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	AF1T	1	AF6SA	1
K5ND 36 W4RXR 19 K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults K5ND 11 K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	Single Operator, Portable		432 MHz QSOs	
K7MDL 33 K5ND 15 W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	50 MHz QSOs		AF5T	26
W4RXR 31 K7MDL 11 AF6SA 21 KN6OKY 11 432 MHz Mults 50 MHz Mults K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	K5ND	36	W4RXR	19
AF6SA 21 KN6OKY 11 AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	K7MDL	33	K5ND	15
AF5T 17 432 MHz Mults 50 MHz Mults K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	W4RXR	31	K7MDL	11
432 MHz Mults 50 MHz Mults K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	AF6SA	21	KN6OKY	11
50 MHz Mults K5ND 11 K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	AF5T	17		
K5ND 18 W4RXR 9 W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2			432 MHz Mults	
W4RXR 13 N2YTF 6 AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	50 MHz Mults		K5ND	11
AF6SA 8 AF6SA 3 K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	K5ND	18	W4RXR	9
K7MDL 8 AF5T 2 VA2VT 7 K7MDL 2	W4RXR	13	N2YTF	6
VA2VT 7 K7MDL 2	AF6SA	8	AF6SA	3
	K7MDL	8	AF5T	2
KN6OKY 2	VA2VT	7	K7MDL	2
			KN6OKY	2

NØSUW	2	Single Operator, Portable	e, Analog
902 MHz QSOs		Only	
N2YTF	2	50 MHz QSOs	
W4RXR	2	K6MI	21
		W7JET	11
902 MHz Mults		K7ATN	8
N2YTF	2	N2MAK	6
W4RXR	1	NR7Y	6
1.2 GHz QSOs		50 MHz Mults	
AF5T	6	K6MI	10
AF6SA	4	W7JET	5
K7MDL	4	WN1C	4
N2YTF	3	K7ATN	3
	•	N2MAK	3
1.2 GHz Mults		N3AWS	3
AF6SA	3	WB2AMU	3
K7MDL	3		
AF5T	2	144 MHz QSOs	
N2YTF	2	KC8YEK	57
142111	2	K6MI	40
2.3 GHz QSOs		NR7Y	23
N2YTF	2	K7ATN	20
AF6SA	1	WN1C	16
AI OUA	1		
2.3 GHz Mults		144 MHz Mults	
N2YTF	2	K6MI	14
AF6SA	1	KC8YEK	6
		NR7Y	6
5.7 GHz QSOs		W4AQ	6
AF6SA	1	W7JET	5
		WB2AMU	5
5.7 GHz Mults		WN1C	5
AF6SA	1		
		222 MHz QSOs	
10 GHz QSOs		K6MI	13
AF6SA	1	KF7NP	10
N2YTF	1	W7JET	6
		WB2AMU	5
10 GHz Mults		N2MAK	4
AF6SA	1	NR7Y	4
N2YTF	1		
	-	I	

K6MI 7 KEGGLA 4 W7JET 4 NR7Y 4 KF7NP 3 W7JET 4 NZMAK 3 VATATN 2 NR7Y 2 K6MI 5 NR2MAK 3 K6MI 5 WB2AMU 2 K6GMI 3 WN1C 2 K7ATN 2 432 MHz QSOs K7ATN 2 KCBYEK 32 W7JET 2 K6MI 22 KF7NP 12 K7ATN 9 K6GMI 2 K7ATN 9 K6GLA 1 432 MHz Mults K6GMI 2 K7ATN 9 K6GLA 1 432 MHz Mults K6GI 1 K6MI 10 K6MI 1 K7ATN 9 K6GLA 1 KCBYEK 4 WN1C 4 5.7 GHz QSOs K6GI 1 K6GLA 1	222 MHz Mults		K7ATN	4
KF7NP		7		
KF7NP				
N2MAK 3 K7ATN 2 1.2 GHz Mults 5 WB2AMU 2 KEGGLA 3 3 WM1C 2 KEGGLA 3 WM1C 2 KF7NP 2 KF6GLA 1 KF6GLA 1 KF6GLA 1 KF6GLA 1 KF7NP 3 KF6GLA 1 KF6GL				
NATIN 2				•
NRTY 2 K6MI 5 WB2AMU 2 KE6GLA 3 WN1C 2 K6GLA 3 WN1C 2 K7ATN 2 K7ATN 2 432 MHz QSOS N2 N2MAK 2 KC6YEK 32 W7JET 2 K6MI 22 KF7NP 12 2.3 GHz QSOS W7JET 10 K6MI 2 K7ATN 9 KE6GLA 1 432 MHz Mults K6MI 10 K6MI 1 K7ATN 5 K6GLA 1 WNJET 5 K6GLA 1 WNJC 4 ST. GHz QSOS KE6GLA 1 KC8YEK 4 WN1C 4 ST. GHz QSOS KE6GLA 1 N2MAK 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 K6MI 2 KF7NP 1			1.2 GHz Mults	
WB2AMU 2 KEGGLA 3 WN1C 2 K7ATN 2 KF7NP 2 432 MHz QSOS N2MAK 2 KGMI 22 KF7NP 12 2.3 GHz QSOS W7JET 10 K6MI 2 K7ATN 9 KE6GLA 1 432 MHz Mults K6MI 10 K6MI 1 W7JET 5 KE6GLA 1 W7JET 5 KE6GLA 1 KC8YEK 4 WN1C 4 5.7 GHz QSOS KE6GLA 3 K6MI 2 KE7NP 3 KE6GLA 1 N2MAK 3 K6MI 2 N2MAK 3 5.7 GHz Mults K6MI 1 K6GLA 1 N2MAK 2 10 GHz QSOs W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 K6MI 1 KE6GLA 1 KFGCVA 1 1				5
WN1C 2				
KF7NP 2 1 1 2 2 2 2 2 2 2				
N2MAK 2				
KCBYEK 32 W7JET 2 K6MI 22 2 KF7NP 12 2.3 GHz QSOs W7JET 10 K6MI 2 K7ATN 9 K6GLA 1 432 MHz Mults K6MI 10 K6MI 1 W7JET 5 K6GLA 1 W7JET 5 K6GGLA 1 KCBYEK 4 4 5.7 GHz QSOS KE6GLA 3 K6MI 2 KE7NP 3 K6GLA 1 N2MAK 3 5.7 GHz Mults K6MI 1 K6GGLA 1 902 MHz QSOS K6GI 1 K7ATN 1 K6GGLA 1 K7ATN 1 K6GGLA 1 K6MI 2 K6MI 2 W7JET 2 K6MI 1 K6MI 1 K6GGLA 1 W7JET 2 K6MI 1 K6MI 2 K6GLA 1 W7J	432 MHz OSOs			
K6MI 22 KF7NP 12 2.3 GHz QSOs W7JET 10 K6MI 2 K7ATN 9 KE6GLA 1		32		
KF7NP 12 2.3 GHz QSOs W7JET 10 K6MI 2 K7ATN 9 KE6GLA 1 432 MHz Mults K6MI 10 K6MI 1 W7JET 5 KE6GLA 1 KC8YEK 4 KE6GLA 1 WN1C 4 5.7 GHz QSOs 2 KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 S.7 GHz Mults K6MI 1 K6MI 1 902 MHz QSOs K6GLA 1 K7ATN 1 K6GLA 1 K7ATN 1 K6GLA 1 K6MI 2 K6GLA 1 K6MI 2 K6GLA 1 K7ATN 1 K6GLA 1 K6MI 2 K6GLA 1 NZMAK 2 K6GLA 1 NZMAK 2 K6GLA 1 NZMAK 2 K6GLA 1				
W7JET 10 K6MI 2 K7ATN 9 KE6GLA 1 432 MHz Mults 2.3 GHz Mults K6MI 10 K6MI 1 W7JET 5 K6MI 1 K6MI 1 K6GGLA 1 K69EK 4 5.7 GHz QSOs 2 K6EGLA 3 K6MI 2 K7PNP 3 K6GGLA 1 N2MAK 3 5.7 GHz Mults K6MI 1 K6GGLA 1 902 MHz QSOs K6GGLA 1 K6MI 2 K6MI 2 K7ATN 1 K6GGLA 1 K6GVA 1 1 K6GGLA 1 M7JET 2 K6MI 1 1 K6MI 2 K6GGLA 1 1 K6MI 2 K6GGLA 1 1 K6MI 1 K6GGLA 1 1 K6MI 2 K6GLA 1 1 1 K6MI			2.3 GHz OSOs	
Name				2
### A32 MHz Mults K6MI 10 K6MI 1 W7JET 5 KE6GLA 1 KC8YEK 4 WN1C 4 5.7 GHz QSOS KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 NR7Y 3 5.7 GHz Mults K6MI 1 902 MHz QSOS KE6GLA 1 N2MAK 2 K6GLA 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 K6MI 2 W7JET 2 K6MI 1 KE6GLA 1				
K6MI 10 K6MI 1 W7JET 5 KE6GLA 1 KC8YEK 4 *** *** WN1C 4 5.7 GHz QSOs *** KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 *** *** MATY 3 *** *** SMAR 2 *** *** *** N2MAK 2 *** *** *** *** W7JET 2 K6MI 2 ***			1.25.2.1	
W7JET 5 KE6GLA 1 KC8YEK 4 *** WN1C 4 5.7 GHz QSOs KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 5.7 GHz Mults *** NR7Y 3 5.7 GHz Mults 1 S6MI 2 K6MI 1 N2MAK 2 10 GHz QSOs *** W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults K6MI 1 1 K6MI 1 1 K7ATN 1 KE6GLA 1 K6MI 1 1 K6MI 1 1 K6MI 1 1 K7ATN 1 K6MI	432 MHz Mults		2.3 GHz Mults	
KCBYEK 4 5.7 GHz QSOs KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 NR7Y 3 5.7 GHz Mults NR7Y 3 K6MI 1 902 MHz QSOs K6MI 1 1 K6MI 2 10 GHz QSOs 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 KE6GLA 1 N2MAK 2 KE6GLA 1 K7ATN 1 K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 K6MI 1 L2 GHz Mults K6MI 1 1 K6FGCVA 1 K6MI 1	K6MI	10	К6МІ	1
WN1C 4 5.7 GHz QSOs KE6GLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 5.7 GHz Mults 1 NR7Y 3 5.7 GHz Mults 1 K6MI 1 K6MI 1 N2MAK 2 10 GHz QSOs 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 K7ATN 2 Z4 GHz QSOs 1 K7ATN 1 K6MI 1 KF6CVA 1 2 24 GHz Mults 1.2 GHz QSOs K6MI 1	W7JET	5	KE6GLA	1
KEGGLA 3 K6MI 2 KF7NP 3 KE6GLA 1 N2MAK 3 5.7 GHz Mults NR7Y 3 5.7 GHz Mults K6MI 1 K6MI 1 902 MHz QSOs K6GLA 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 K6MI 1 SO2 MHz Mults K6MI 1 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 K7ATN 2 K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults L2 GHz QSOs K6MI 1	KC8YEK	4		
KF7NP 3 KE6GLA 1 N2MAK 3 5.7 GHz Mults NR7Y 3 5.7 GHz Mults K6MI 1 K6MI 1 902 MHz QSOs KE6GLA 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 KE6GLA 1 K7ATN 1 K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1.2 GHz QSOs K6MI 1	WN1C	4	5.7 GHz QSOs	
N2MAK 3 NR7Y 3 5.7 GHz Mults K6MI 1 902 MHz QSOs KE6GLA 1 K6MI 2 10 GHz QSOs W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 K6MI 2 K6MI 1 N2MAK 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N2MAK 2 K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 L2 GHz QSOs K6MI 1 1	KE6GLA	3	К6МІ	2
NR7Y 3 5.7 GHz Mults 902 MHz QSOs K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 10 GHz QSOs 1 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 SO2 MHz Mults K6MI 1 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 N7JET 2 Z4 GHz QSOs K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 L2 GHz QSOs K6MI 1	KF7NP	3	KE6GLA	1
N2MAK 2 K6MI 1	N2MAK	3		
902 MHz QSOs KE6GLA 1 K6MI 2 10 GHz QSOs W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 902 MHz Mults K6MI 1 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 KE6GLA 1 K7ATN 1 K6MI 1 KF6CVA 1 K6MI 1 LY2 GHz Mults K6MI 1	NR7Y	3	5.7 GHz Mults	
K6MI 2 N2MAK 2 W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 Z4 GHz QSOs K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1.2 GHz QSOs K6MI 1			К6МІ	1
N2MAK 2 10 GHz QSOs W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 902 MHz Mults K6MI 1 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 24 GHz QSOs K6MI 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	902 MHz QSOs		KE6GLA	1
W7JET 2 K6MI 2 K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 902 MHz Mults K6MI 1 1 K6MI 2 KE6GLA 1 N2MAK 2 Y7JET 2 24 GHz QSOs K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 L2 GHz QSOs K6MI 1	K6MI	2		
K7ATN 1 KE6GLA 1 KF6CVA 1 10 GHz Mults 1 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 KE6GLA 1 W7JET 2 24 GHz QSOs 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	N2MAK	2	10 GHz QSOs	
KF6CVA 1 10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 24 GHz QSOs 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	W7JET	2	K6MI	2
10 GHz Mults 902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 2 W7JET 2 24 GHz QSOs 1 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	K7ATN	1	KE6GLA	1
902 MHz Mults K6MI 1 K6MI 2 KE6GLA 1 N2MAK 2 24 GHz QSOs 2 K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	KF6CVA	1		
K6MI 2 KE6GLA 1 N2MAK 2 2 W7JET 2 24 GHz QSOs K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1.2 GHz QSOs K6MI 1			10 GHz Mults	
N2MAK 2 W7JET 2 24 GHz QSOs K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	902 MHz Mults		K6MI	1
W7JET 2 24 GHz QSOs K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1 1.2 GHz QSOs K6MI 1	K6MI	2	KE6GLA	1
K7ATN 1 K6MI 1 KF6CVA 1 24 GHz Mults 1.2 GHz QSOs K6MI 1	N2MAK	2		
KF6CVA 1 24 GHz Mults 1.2 GHz QSOs K6MI 1	W7JET	2	24 GHz QSOs	
24 GHz Mults 1.2 GHz QSOs K6MI 1	K7ATN	1	K6MI	1
1.2 GHz QSOs K6MI 1	KF6CVA	1		
			24 GHz Mults	
K6MI 11	1.2 GHz QSOs		K6MI	1
	K6MI	11		

123 GHz QSOs		N3AAA	19
K6MI	1	ко9А	18
		KD2CDV	13
123 GHz Mults		W3FAY	12
K6MI	1	W5TRL	12
Single Operator, 3 Band		Single Operator, Analog	Only, 3 Band
50 MHz QSOs		50 MHz QSOs	
N3AAA	125	N7QOZ	27
KO9A	119	KB1VXY	15
W5TRL	110	KV4ZY	12
K3UA	91	W6KSR	10
W3FAY	85	W1SRH	7
50 MHz Mults		50 MHz Mults	
W5TRL	57	N7QOZ	6
KO9A	56	W1SRH	5
N3AAA	49	WG1Z	5
K3UA	41	KV4ZY	4
VE3PJ	33	W6KSR	4
144 MHz QSOs		144 MHz QSOs	
N3AAA	90	N7QOZ	53
K1HC	72	W1SRH	25
KO9A	67	KC1WVQ	24
W3FAY	63	WB9HFK	20
KD2CDV	59	AG7QH	9
		KV4ZY	9
144 MHz Mults			
N3AAA	45	144 MHz Mults	
KO9A	33	N7QOZ	8
KD2CDV	28	KV4ZY	6
K1HC	27	N9OBB	6
W3FAY	26	W1SRH	6
		WG1Z	6
432 MHz QSOs			
N3AAA	28	432 MHz QSOs	
KO9A	25	N7QOZ	30
KD2CDV	24	WB9HFK	10
K1HC	23	KC1WVQ	8
W3FAY	21	AE1D	4
		AG7QH	4
432 MHz Mults		NØLFK	4
		•	

		1	
WG1Z	4	KM6LKT	3
		N1TEN	3
432 MHz Mults		W1NIV	3
N7QOZ	7		
WB9HFK	4	222 MHz QSOs	
W1SRH	3	AF6GM	11
WG1Z	3	K6RJF	10
AE1D	2	VE3RWJ	8
AG7QH	2	W1NIV	8
KV4ZY	2	N1TEN	7
NØLFK	2		
W6KSR	2	222 MHz Mults	
WB5RMG	2	VE3RWJ	4
		AF6GM	2
Single Operator, FM Only		K6RJF	2
50 MHz QSOs		N1TEN	2
W1NIV	9	W1NIV	2
AF6GM	5		_
N1TEN	2	432 MHz QSOs	
AF1R	1	VE3RWJ	24
K1STK	1	AF6GM	15
K6RJF	1	W1NIV	14
K6ZKA	1	N1TEN	13
NOZNA	-	K6RJF	9
50 MHz Mults		Korbi	3
AF1R	1	432 MHz Mults	
AF6GM	1	VE3RWJ	4
K1STK	1	AF6GM	2
K6RJF		K6RJF	2
	1	KM6LKT	2
K6ZKA	1		
N1TEN	1	KN6FKQ	2
W1NIV	1	N1TEN	2
144 MUz 000c		902 MHz QSOs	
144 MHz QSOs	40	K6ZKA	1
VE3RWJ W1NIV	40 25	NOLNA	1
		OOO MUL Musto	
AF6GM	22	902 MHz Mults	4
N1TEN	19	K6ZKA	1
K6RJF	18	Limited Multipup system	
4.4.4 MUz Milita		Limited Multioperator	
144 MHz Mults	4	50 MHz QSOs	000
VE3RWJ	4	AA4ZZ	229
K6RJF	3	N2NT	196

W8ZN	190		
W4AD	124	432 MHz Mults	
WA3EKL	111	W8ZN	41
WINDERE	111	AA4ZZ	40
50 MHz Mults		N2NT	33
AA4ZZ	77	KE8FD	29
K5N	61	K5N	24
W8ZN	56	No.v	
N2NT	51	1.2 GHz QSOs	
KE8FD	50	K5N	26
11201 5		WO1S	2
144 MHz QSOs			_
AA4ZZ	261	1.2 GHz Mults	
W8ZN	234	K5N	26
N2NT	219	WO1S	2
K5N	100	11000	
WA3EKL	95	Unlimited Multioperator	
		50 MHz QSOs	
144 MHz Mults		W2EA	242
K5N	59	W2SZ	213
AA4ZZ	57	N8GA	146
W8ZN	56	W4NH	119
KE8FD	50	KV1J	103
N2NT	46		
		50 MHz Mults	
222 MHz QSOs		N8GA	80
W8ZN	80	W4NH	65
N2NT	72	W2EA	58
AA4ZZ	53	W2SZ	54
KE8FD	33	KV1J	40
222 MHz Mults		144 MHz QSOs	
W8ZN	34	W2SZ	216
N2NT	30	W2EA	165
AA4ZZ	29	WE1P	144
KE8FD	22	KD2LGX	100
		N8GA	99
432 MHz QSOs			
W8ZN	118	144 MHz Mults	
N2NT	99	W2SZ	63
AA4ZZ	92	KD2LGX	59
KE8FD	42	N8GA	53
K5N	31	W2EA	37

WE1P	37	W2EA	5
222 MHz QSOs		1.2 GHz QSOs	
W2SZ	87	W2SZ	31
W2EA	51	KD2LGX	21
KD2LGX	38	W2EA	18
N3NGE	34	W1XM	10
WE1P	24	WD9EXD	10
OOO MUL- Marka		4 0 OH- Marks	
222 MHz Mults	01	1.2 GHz Mults	10
W2SZ	31	W2SZ	19
N3NGE	22	KD2LGX	13
W2EA	22	W2EA	10
WD9EXD	19	WD9EXD	9
KD2LGX	18	N3NGE	6
432 MHz QSOs		2.3 GHz QSOs	
W2SZ	96	W2SZ	18
W2EA	54	KD2LGX	5
KD2LGX	47	N3NGE	4
N8GA	44	KV1J	3
WE1P	41		
		2.3 GHz Mults	
432 MHz Mults		W2SZ	14
W2SZ	35	KD2LGX	4
N8GA	29	N3NGE	4
KD2LGX	27	KV1J	2
WD9EXD	24		
W2EA	22	3.4 GHz QSOs	
WE1P	22	W2SZ	14
		N3NGE	4
902 MHz QSOs		KD2LGX	2
W2SZ	25		
KD2LGX	17	3.4 GHz Mults	
N3NGE	9	W2SZ	12
WD9EXD	8	N3NGE	4
KV1J	7	KD2LGX	2
902 MHz Mults		5.7 GHz QSOs	
W2SZ	17	W2SZ	8
KD2LGX	11	N3NGE	4
WD9EXD	8	KD2LGX	3
N3NGE	7		-
	•	l	

5.7 GHz Mults	
W2SZ	6
N3NGE	4
KD2LGX	3
10 GHz QSOs	
W2SZ	8
W4NH	1
10 GHz Mults	
W2SZ	7
W4NH	1
24 GHz QSOs	
W4NH	2
24 GHz Mults	
W4NH	1
Observations	
Checklog	
50 MHz QSOs	0
KE2FLG	2
50 MHz Mults	
KE2FLG	2
KLZI LO	۷
144 MHz QSOs	
KE2FLG	2
1121 20	_
144 MHz Mults	
KE2FLG	1
432 MHz QSOs	
432 MHz QSOs KE2FLG	1
	1
	1

September VHF Contest New Records

This is the list of new record holders based on the results of the 2025 September VHF Contest. You can find the full list of contest records at https://contests.arrl.org/records.php?cn=sepvhf

Operating Category Key

LM = Limited Multioperator

R = Classic Rover

RL = Limited Rover

RU = Unlimited Rover

SO-ALG-3B = Single Operator, Analog Only, 3 Band

SO-ALG-HP = Single Operator, Analog Only, High Power

SO-ALG-LP = Single Operator, Analog Only, Low Power

SO3B = Single Operator, 3 Band

SOFM = Single Operator, FM Only

SOHP = Single Operator, High Power

SOLP = Single Operator, Low Power

SOP = Single Operator, Portable

SOP-ALG = Single Operator, Portable, Analog Only

UM = Unlimited Multioperator

Overall Records

W2FU	122,010	SO-ALG-HP	WNY	2025
AF1T	114,400	SO-ALG-LP	NH	2025
K6MI	10,494	SOP-ALG	SJV	2025

Division Records

(by Category)

NØLNO/R	5,764	RL	IA	2025	Midwest
N7GP/R	26,390	RL	AZ	2025	Southwestern
W2FU	122,010	SO-ALG-HP	WNY	2025	Atlantic
W2KV	18,247	SO-ALG-HP	NNJ	2025	Hudson
KJ7BJS	2,940	SO-ALG-HP	ID	2025	Northwestern
N6RO	4,988	SO-ALG-HP	EB	2025	Pacific
VE3ZV	28,391	SO-ALG-HP	ONS	2025	Canada
KG9AP	4,545	SO-ALG-LP	IL	2025	Central

WB2JAY	26,544	SO-ALG-LP	NLI	2025	Hudson
AF4JF	192	SO-ALG-LP	MO	2025	Midwest
AF1T	114,400	SO-ALG-LP	NH	2025	New England
N6KN	4,676	SO-ALG-LP	LAX	2025	Southwestern
K5ND	4,998	SOP	NTX	2025	West Gulf
WN1C	600	SOP-ALG	WI	2025	Central
N3AWS	12	SOP-ALG	MS	2025	Delta
K6MI	10,494	SOP-ALG	SJV	2025	Pacific
W4AQ	84	SOP-ALG	SC	2025	Roanoke
WB9HFK	420	SO-ALG-3B	IL	2025	Central
NØLFK	133	SO-ALG-3B	KS	2025	Midwest
KV4ZY	324	SO-ALG-3B	VA	2025	Roanoke
W1NIV	546	SOFM	EMA	2025	New England
VE3RWJ	1,212	SOFM	GH	2025	Canada

Division Records

(by Division)

W2FU	122,010	SO-ALG-HP	WNY	2025	Atlantic
KG9AP	4,545	SO-ALG-LP	IL	2025	Central
WN1C	600	SOP-ALG	WI	2025	Central
WB9HFK	420	SO-ALG-3B	IL	2025	Central
N3AWS	12	SOP-ALG	MS	2025	Delta
W2KV	18,247	SO-ALG-HP	NNJ	2025	Hudson
WB2JAY	26,544	SO-ALG-LP	NLI	2025	Hudson
NØLNO/R	5,764	RL	IA	2025	Midwest
AF4JF	192	SO-ALG-LP	MO	2025	Midwest
NØLFK	133	SO-ALG-3B	KS	2025	Midwest
AF1T	114,400	SO-ALG-LP	NH	2025	New England
W1NIV	546	SOFM	EMA	2025	New England
KJ7BJS	2,940	SO-ALG-HP	ID	2025	Northwestern
N6RO	4,988	SO-ALG-HP	EB	2025	Pacific
K6MI	10,494	SOP-ALG	SJV	2025	Pacific
W4AQ	84	SOP-ALG	SC	2025	Roanoke
KV4ZY	324	SO-ALG-3B	VA	2025	Roanoke
N7GP/R	26,390	RL	AZ	2025	Southwestern
N6KN	4,676	SO-ALG-LP	LAX	2025	Southwestern
K5ND	4,998	SOP	NTX	2025	West Gulf
VE3ZV	28,391	SO-ALG-HP	ONS	2025	Canada
VE3RWJ	1,212	SOFM	GH	2025	Canada

Call Area Records

U.S. Call					
Area 2	WNY	W2FU	122,010	SO-ALG-HP	2025
U.S. Call					
Area 7	ID	KJ7BJS	2,940	SO-ALG-HP	2025
Canada	ONS	VE3ZV	28,391	SO-ALG-HP	2025
U.S. Call					
Area 1	NH	AF1T	114,400	SO-ALG-LP	2025
U.S. Call					
Area 2	NLI	WB2JAY	26,544	SO-ALG-LP	2025
U.S. Call					
Area 6	LAX	N6KN	4,676	SO-ALG-LP	2025
U.S. Call					
Area 9	IL	KG9AP	4,545	SO-ALG-LP	2025
U.S. Call	. IT.	WEND.	4.000	005	
Area 5	NTX	K5ND	4,998	SOP	2025
U.S. Call	22	W/440	0.4	COD ALC	2025
Area 4 U.S. Call	SC	W4AQ	84	SOP-ALG	2025
Area 6	SJV	K6MI	10,494	SOP-ALG	2025
U.S. Call	0) V	KOTII	10,454	OOI ALO	2025
Area 9	WI	WN1C	600	SOP-ALG	2025
U.S. Call	•••	25			
Area 0	KS	NØLFK	133	SO-ALG-3B	2025
U.S. Call					
Area 9	IL	WB9HFK	420	SO-ALG-3B	2025
U.S. Call					
Area 1	EMA	W1NIV	546	SOFM	2025
Canada	GH	VE3RWJ	1,212	SOFM	2025
Section Re	ecords				
By Call Area					
-					
U.S. Call					
Area 0	IA	NØLNO/R	5,764	RL	2025
	IA	KFØSCA	1	SOFM	2025
	KS	NØRC	55	SO3B	2025
	KS	NØLFK	133	SO-ALG-3B	2025
	МО	AF4JF	192	SO-ALG-LP	2025
U.S. Call		·•·	102		
Area 1	EMA	K1PNQ	2,139	SO-ALG-LP	2025
	EMA	W1NIV	546	SOFM	2025
	ME	KQ2RP	18	SOP-ALG	2025
	NH	AF1T	114,400	SO-ALG-LP	2025
	1 41 1	/ \(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	117,700	JO ALO LI	2020

	NII I	A14.C	25	COD ALC	2025
	NH	AJ1S	35	SOP-ALG	2025
	NH	AE1D AA2A (N2KW,	98	SO-ALG-3B	2025
	WMA	op)	518	SO-ALG-LP	2025
U.S. Call	**1 17 (υ ρ)	010	OO NEO EI	2020
Area 2	ENY	N2RC	1,012	SO-ALG-HP	2025
	NLI	WB2JAY	26,544	SO-ALG-LP	2025
	NLI	KE2CCG	21	SOFM	2025
	NNJ	W2KV	18,247	SO-ALG-HP	2025
	NNY	KA1QAS/R	90	R	2025
	SNJ	AA2SD/R	7,605	RL	2025
	WNY	N2WK	86,194	SOLP	2025
	WNY	W2FU	122,010		2025
U.S. Call			•		
Area 3	DE	KC3FQF/R	5,650	RL	2025
U.S. Call					
Area 4	AL	KQ4VYQ	66	SOFM	2025
	GA	W4AMP	330	SO-ALG-HP	2025
	NC	WB5RMG	66	SO-ALG-3B	2025
	NFL	K3TW	8	SOFM	2025
	SC	W4AQ	84	SOP-ALG	2025
	VA	KN4FTT	35	SO-ALG-LP	2025
	VA	KV4ZY	324	SO-ALG-3B	2025
	WCF	KW4G	392	SO3B	2025
U.S. Call					
Area 5	LA	KI5JMD	72	SO3B	2025
	MS	N3AWS	12	SOP-ALG	2025
	NTX	WB5ZDP	165		2025
	NTX	K5ND	4,998		2025
	NTX	K5DHY	1,395		2025
	OK	AF5CC	60	SO-ALG-LP	2025
	WTX	W5LO	5,104	SOHP	2025
U.S. Call	ED	KODE	7.000	00110	0005
Area 6	EB	K6RE	7,332	SOHP	2025
	EB	N6RO	4,988	SO-ALG-HP	2025
	LAX	N6KN	4,676		2025
	ORG	W6KSR	128	SO-ALG-3B	2025
	SV	KE6GLA	615	SOP-ALG	2025
	SDG	KF7NP	741	SOP-ALG	2025
	SJV	K6MI	10,494		2025
	SCV	N9DK	65	SO-ALG-LP	2025
U.S. Call	47	NZOD/D	00.000	DI.	0005
Area 7	AZ	N7GP/R	26,390	RL SO ALC UP	2025
	ID	KJ7BJS	2,940	SO-ALG-HP	2025

	ID	KK7A	36	SO-ALG-3B	2025
	NV	KE7UQL	1,375	SO-ALG-LP	2025
	NV	KH2TJ	1,475	SO3B	2025
	OR	K7YO	1,710	SO-ALG-HP	2025
	OR	K7ATN	924	SOP-ALG	2025
	OR	AG7QH	132	SO-ALG-3B	2025
U.S. Call					
Area 9	IL	KG9AP	4,545	SO-ALG-LP	2025
	IL	KC9LZQ	6	SOP-ALG	2025
	IL	WB9HFK	420	SO-ALG-3B	2025
	WI	WN1C	600	SOP-ALG	2025
Canada	AB	VE6BMX	1,316	SOHP	2025
	SK	VE5MX	20	SOHP	2025
	GH	VE3RWJ	1,212	SOFM	2025
	ONS	VE3ZV	28,391	SO-ALG-HP	2025
	ONS	VE3KH	19,082	SO-ALG-LP	2025

DX Records

Continental Records							
(by Category	/)						
JHØBBE	1	SOHP	JA		2025	Asia	
Continental	Reco	rds					
(by Contine	nt)						
JHØBBE Records	1	SOHP	JA		2025	Asia	
By DXCC Entity							
By DACC EII	lity						
AS	JA	JHØBBE		1	SOHP	2025	
SA	CE	CE6UFF		620	SOHP	2025	
SA	LU	LU2DX		64	SOHP	2025	
SA	LU	LU5DF		180	SO3B	2025	