

California QSO Party

CQP 2023 CA County Report

This report shows the CQP 2023 top 10 QSO makers in every CA county. Stations who did *not* submit a log **are** included in this report. The report is sorted by # of callsigns active in a given county (from one callsign active to >10 callsigns active).

Purpose:

- Show how many callsigns really were active in CQP 2023 by county, including stations that did not submit a log.
- Identify counties that are reliant on just one or two stations.
- Inspire all of us into action. CQP 2023 had the best county coverage in CQP history. However, with the data below, it is easy to imagine how CQP 2024 could be the first year since 1985 where no stations outside CA achieve a county sweep. We need your help to make a positive impact in CQP 2024!

Conclusions:

- 57 out of 58 CA counties had two or more callsigns active in CQP 2023. All 58 CA counties had coverage on CW & SSB.
- Just one station in any county can have a huge impact on the entire contest. Be that station in CQP 2024!
- Several counties that were easy to contact in CQP 2023 are at high risk of being rare in CQP 2024. See below for details.
- Casual, fixed stations listed below can suddenly become the primary station in 2024. They are gold mines. Contact these stations and offer to partner with them in different ways: Expedition on their property? Remote? RIB (radio in box)? S/O guest op? M/S with you offering to be the CW op? Mentor? Lend equipment? Don't wait for the CQP Chairman to play matchmaker. Reach out and make a connection!



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CA County	2023 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2023 (with more than 1 QSO made)	% of QSOs Made on <u>CW</u> by Top 10 QSO Callsigns in County	% of QSOs Made on <u>SSB</u> by Top 10 QSO Callsigns in County	% of Total QSOs Made in County by Top 10 QSO Callsigns	Type of Station
MODO	40	1	60%	40%	-	-
		K6M	60%	40%	100%	Expedition

CQP Chair comments: Modoc County has been fully reliant on extremely motivated Oregon residents (K4XU and team) to activate it by expedition over the past many years. We shouldn't expect this to last forever. We need to think seriously about how to adequately cover this county if this outstanding Oregon group is unable to cover Modoc in the future.

DELN	23	2	58%	42%	-	
		W6HY (N6DE, WA6ZDO ops)	61%	39%	95%	Fixed
		W6JLV	0%	100%	5%	Fixed

CQP Chair comments: W6HY is the callsign of the Del Norte Amateur Radio Club station. Activating this club station every year by a guest operator, and providing long term support to this club, is crucial to covering Del Norte County. Thanks to WA6ZDO for this opportunity!



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GLEN	29	2	70%	30%	-	
		N6YEU	70%	30%	98%	Expedition
		K6AQL/M (KODI op)	100%	0%	2%	Mobile

CQP Chair comments: We have relied fully on portable operations to activate Glenn County. There are outstanding expedition opportunities on public lands in the western part of the county and decent mobile terrain through farmland in the eastern part of the county. Over the past 20 years, only one fixed station has ever activated Glenn County and submitted a log: WA6FWN in 2021. A look at his page on qrz.com shows this station could be an effective way to activate Glenn County. A willing contester might consider exploring a remote partnership with this station for CQP. His qrz.com page suggests he has good computer skills with presumably a decent Internet connection at his QTH. Both are benefits to successfully pulling off a remote activation.



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IMPE	39	2	58%	42%	-	-
		K6QK	58%	42%	98%	Expedition
		KG5LRB	0%	100%	2%	Expedition

CQP Chair comments: Imperial County has been activated in CQP by expedition for as long as I can remember. For many years, the K6QK expedition team (N7CW, K6ZH and team) has been the primary force in the county. This team is much like the Modoc County expedition team: motivated, reliable, well-equipped and great contesters who make a lot of QSOs. However, the K6QK team was unable to operate for three years recently. Fortunately, other individuals and groups stepped up in a big way and mounted their own expeditions to Imperial County. 2023 brought a return to the familiar Imperial County results table, where the K6QK expedition was the main QSO maker. But like the Modoc County expedition team, we cannot expect this to last forever. Who will take the reins in the long term and become the next consistent expedition in this county? Also, fixed stations are an untapped resource in this county. A motivated contester should propose a partnership with KM6NUY and the Imperial Valley Amateur Radio Group club station. KA6ASF made some QSOs from his home station in CQP 2022. Remote partnership opportunities?



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SIER	9	3	87%	13%	-	-
		W6MY (N6DE op)	90%	10%	47%	Fixed
		N7AUE/6	-	-	-	Expedition
		N7AAE/6	-	-	-	Expedition

CQP Chair comments: Sierra County is the 2nd least populated county in California with just over 3,000 residents. W6MY has a loud fixed station in the county with a low noise floor and is a generous station owner proven to be willing to host guest operators over the years. This station should be utilized every year on SSB and CW with the assistance of a guest operator. Sierra County also has excellent opportunities for expeditions on public land, including county line points. N7AUE and N7AAE operated as expeditions and submitted checklogs. They did a great job and we hope they go to their same expedition spot in CQP 2024.



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ALPI	12	3	35%	65%	-	-
		KE6GLA	58%	42%	59%	Expedition
		N6A (KO6M, W6JFA ops)	0%	100%	38%	Expedition
		WE6Z	0%	100%	3%	Expedition

CQP Chair comments: Alpine County is California's least populous county at just over 1,000 total residents. 96% of the area in Alpine County is public land. Mobile operations are unproductive due to mountains surrounding main roads. Expeditions are required to keep this county active in CQP. The county's mountainous terrain on public land allows excellent opportunities for expedition operations, but wind and snow can ruin expedition plans at high elevations. Therefore, it is important to plan more than one expedition station in Alpine County every year.



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TRIN	18	3	41%	59%	-	
		W6T (K6KS, KM6BDN ops)	0%	100%	48%	Expedition
		N6DVS	100%	0%	41%	Expedition
		KG6LHW	0%	100%	11%	Expedition

CQP Chair comments: Trinity County is the 5th least populated county in CA. Gorgeous surroundings with vast USFS and BLM land make this county prime for expeditions. The presence of a few Airbnbs also helps with expedition possibilities. Mobiles are unlikely to be successful due to mountainous terrain surrounding the main highways. Expeditions are what have made this county QRV every year. Expeditions by N6DVS (on CW) and K6KS (on SSB) have been vital the last several years in a row in Trinity County. We need to do everything we can to support them so that they continue to activate this county by expedition.



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COLU	7	4	87%	13%	-	-
		AF6GA	100%	0%	72%	Expedition
		K6AQL/M (K0DI op)	100%	0%	15%	Mobile
		K6R/M (N3KA op)	0%	100%	7%	Mobile
		N6NHI	0%	100%	6%	Fixed

CQP Chair comments: Colusa County is similar to Glenn County with respect to geography, area and low population. The geography in the eastern part of the county is conducive for mobile success. Colusa County is one of only three CA counties in CQP 2023 where mobile stations made more than 20% of the county's QSO total. The terrain in the western part of the county provides opportunities for expeditions on USFS land. AF6GA has saved Colusa County by being the only expedition presence for the last three years, but we need to allow him the opportunity for a change of scenery to activate a different county in CQP 2024. Who will step up to organize an expedition to Colusa County in 2024?



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MEND	14	4	88%	12%	-	-
		WA6M	100%	0%	88%	Fixed
		KB6LZW	0%	100%	10%	Fixed
		K5RR	0%	100%	1%	Fixed
		W6AAM	0%	100%	1%	Fixed

CQP Chair comments: Mendocino County used to be highly reliant on expeditions in CQP. In the last few years, we've been very fortunate to have WA6M@W6DSR and KB6LZW as active fixed stations. A look at the K5RR qrz.com page also shows a very capable HF antenna. This is an untapped resource that could be explored. How can we continue the momentum of these fixed stations in CQP? Finally, expeditioners looking for an operating location in the county should find ample opportunities. The MEND/GLEN county line is on USFS land with great downsloping terrain. K6EI found a hilltop opportunity with Airbnb creature comforts that is likely available for CQP 2024. If we take advantage of both fixed and expedition opportunities, there's no reason why this county should be rare in CQP.



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PLUM	24	4	58%	42%	-	-
		W6CQP (KH2TJ op)	66%	34%	88%	Fixed
		K6CEL	0%	100%	7%	Expedition
		KD6HOF	0%	100%	4%	Expedition
		K6FEJ	0%	100%	1%	Fixed

CQP Chair comments: KH2TJ (aka: W6CQP) has saved the day for many years from his Plumas County fixed station. We rely heavily on his participation. If he ever needs to take the year off from CQP, strong participation from expeditions will be critical to making this county QRV.



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NAPA	31	4	48%	52%	-	-
		KE6ZSN	1%	99%	50%	Fixed
		NT6V (NT6V, AF6DR ops)	100%	0%	48%	Expedition
		KI6PQO	0%	100%	1%	Fixed
		WZ6X	0%	100%	1%	Fixed

CQP Chair comments: KE6ZSN has been a gem in Napa County on SSB for many years. Recently, NT6V and friend AF6DR have been the solid CW presence that we really needed for all the CW-only stations in CQP. Together, they make a 1-2 punch that allows Napa County to be accessible to everyone in CQP. We should do whatever we can to help them continue to be active in a big way from Napa County. Lastly, to anyone looking for an expedition opportunity in Napa County, there appears to be a nice hilltop on BLM land in the far northern portion of the county. Email N6DE for details.



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SISK	32	4	81%	19%	-	-
		AA6MU	88%	12%	47%	Expedition
		N6TR	76%	24%	47%	Expedition
		K6G (AG7GP op)	79%	21%	5%	Expedition
		N6BIS	0%	100%	1%	Mobile

CQP Chair comments: Over the years, Siskiyou County has needed dedicated expeditions for activation in CQP. 2023 was no exception. The county will be in trouble without at least one solid expedition each year. K6DBS is a fixed station in Siskiyou County. He has been active in CQP on SSB in the past, although wasn't able to participate in 2023. What can we do to help this fixed station be a yearly presence in CQP and take some pressure off of expeditions?



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LAKE	33	4	72%	28%	-	-
		N6ZFO	78%	22%	93%	Fixed
		AJ6CE	0%	100%	6%	Fixed
		KM6WNU	0%	100%	<1%	Fixed
		KE6YHN	0%	100%	<1%	Portable?

CQP Chair comments: N6ZFO has been a CQP hero by activating Lake County from his fixed station since 2008. That run is coming to an end in 2024 when he plans to move out of CA. We therefore must get serious about how we're going to cover Lake County in his absence. AJ6CE and KM6WNU both have fixed stations in the county. This might be an opportunity for a CW contester to partner with one of them, either in person or remote, to collectively take over the Lake County lead coverage role from N6ZFO. Also, we know of at least 3 great expedition locations on public land. Who will take the lead and go on an expedition to Lake County in 2024? Email N6DE for the specific expedition location suggestions.



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MADE	1	5	56%	44%	-	-
		KK6KSD	67%	33%	44%	Expedition
		K6AQL/M (K0DI op)	100%	0%	27%	Mobile
		KG6BXW	0%	100%	21%	Fixed
		K6R/M (N3KA op)	0%	100%	7%	Mobile
		K6MYC	0%	100%	1%	Fixed

CQP Chair comments: We are thankful for these five stations in Madera County in 2023. There would have been no county sweeps without them. Mobiles combined for 34% of the total QSO count, which is the highest mobile QSO contribution of any county in CQP 2023. Since Madera County ended up being the rarest county in CQP 2023, we could greatly benefit in 2024 by a full-time expedition.



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LASS	16	5	52%	48%	-	-
		N6E (N9DK, K0XI ops)	43%	57%	41%	Expedition
		N7AUE/6	-	-	-	Expedition
		K6ME	0%	100%	15%	Fixed
		N7AAE/6	-	-	-	Expedition
		K7CPX	0%	100%	4%	Fixed

CQP Chair comments: The successful formula in Lassen County for years has been fixed station K6ME on SSB, combined with expeditions on public land in great RF locations. Continuing this formula is critical. The K0XI/N9DK expedition team has an incredible story and is to be commended for still activating Lassen County in 2023 in a big way. We also hope that N7AUE and N7AAE return to their expedition location in 2024.



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TEHA	35	5	53%	47%	-	-
		K6T	55%	45%	97%	Expedition
		KC6UFE	0%	100%	2%	Fixed
		K6AQL/M (K0DI op)	100%	0%	<1%	Mobile
		K6IPF	0%	100%	<1%	Fixed
		AB6Y	0%	100%	<1%	Fixed

CQP Chair comments: W1SRD, K0BEE, W1RH, AA1ON and K6TLR have done a phenomenal job of activating Tehama County as K6T/N6T since 2018. They are skilled operators with outstanding field skills and expedition resources. This reliable team has operated from a dream Airbnb radio location: quiet, off the grid, downsloping terrain, with all the amenities of a house. The team has set records and achieved multiple awards from this location. There is nothing left for them to prove, so they are now looking for a new challenge in a different county. We need someone, or a group of people, to go to this Airbnb location in 2024. Please email N6DE or W1SRD for details. Also, fixed station KN6ODG made over 300 SSB QSOs in CQP 2022. How to bring him back in 2024?



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MARP	42	5	43%	57%	-	-
		N6NZ	50%	50%	60%	Fixed
		NZ6Q (N6ACL, NZ6Q, K5SML, KN6ZJJ, K6QBQ)	35%	65%	36%	Expedition
		K6CMM	0%	100%	3%	Expedition
		K6R/M	0%	100%	<1%	Mobile
		KD6FGH	0%	100%	<1%	Fixed

CQP Chair comments: For the last three years in CQP, we have been lucky to have had two award winning efforts activating Mariposa County: fixed station N6NZ and expedition station NZ6Q activating Mariposa County. Both always make a lot of QSOs and have made the county easy to contact. This is remarkable, given Mariposa County has the 6th smallest population in California (17,000 residents). Youth star K6CMM has been an inspiration as a part of the NZ6Q team. We sincerely hope these efforts continue for years to come.



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SBEN	2	6	49%	51%	-	-
		N6SBC	0%	100%	31%	Fixed
		K6VVA/6	97%	3%	29%	Expedition
		K6AQL/M (K0DI op)	100%	0%	20%	Mobile
		WR6E	0%	100%	10%	Fixed
		N6J/M (NN6U op)	0%	100%	8%	Mobile
		K6CWM	0%	100%	2%	Fixed

CQP Chair comments: San Benito County relies on a combination of fixed stations, expeditions and mobile stations for coverage. Mobiles accounted for 28% of total QSOs in the county, which is the 2nd highest mobile QSO percentage of all 58 CA counties in CQP 2023. In less than two hours of operating, K6VVA made a significant impact on CW coverage, as did K6AQL/M in less than an hour in the county. Who will step up in 2024 to cover San Benito County on CW for a full day, while the SSB-only fixed stations hopefully continue their activation in 2024?



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HUMB	13	6	73%	27%	-	-
		W6JTI	93%	7%	58%	Fixed
		W6IA (W6IA, W7EEE ops)	64%	36%	28%	Expedition
		KG6LHW	0%	100%	8%	Expedition
		KN6CEI	0%	100%	3%	Fixed
		WB6QPG	50%	50%	2%	Fixed
		KM6SJO	0%	100%	1%	Mobile

CQP Chair comments: We are indebted to W6JTI for many years of carrying Humboldt County in CQP. In recent years, KG6LHW has done a nice job as an expedition in the county. W6IA+W7EEE really helped with their 2023 expedition. The emergence of fixed stations KN6CEI and WB6QPG is promising for the long term in Humboldt County.



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KING	15	6	68%	32%	-	-
		N6K (N6WT op)	73%	27%	62%	Expedition
		W6KSR (W6KSR, N6UTC ops)	79%	21%	19%	Expedition
		W0HJW	0%	100%	10%	Fixed
		K6AQL/M (K0DI op)	100%	0%	7%	Mobile
		K6R/M (N3KA op)	0%	100%	1%	Mobile
		KI6KAN	0%	100%	1%	Fixed

CQP Chair comments: The trifecta of expeditions on both modes, a fixed station on SSB (W0HJW), and a mobile on CW (K6AQL) is what resulted in 2023 experiencing the best coverage in Kings County in years. In CQP 2020, Kings County was the rarest. How can we support these stations to keep up this momentum in 2024?



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TUOL	17	6	72%	28%	-	-
		K6TUO (W6MVM, N6GEO, K6XV ops)	74%	26%	97%	Fixed
		N6LAW	0%	100%	1%	Fixed
		KE6KYI	0%	100%	1%	Fixed
		WB6GGY	0%	100%	<1%	Fixed
		NB1R	0%	100%	<1%	Portable?
		KN6MKS	0%	100%	<1%	Fixed

CQP Chair comments: The K6TUO M/2 effort had the highest number of QSOs made by one callsign in Tuolumne County since 2017. This is an exciting development. How can we help keep this going every year?



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MONO	36	6	81%	19%	-	-
		W6ML (W6KC op)	83%	17%	52%	Expedition
		W6SX	82%	18%	46%	Fixed
		KM6MEF	0%	100%	1%	Fixed
		WA8SME	0%	100%	<1%	Fixed
		KN6STX	0%	100%	<1%	Expedition
		KC6CHT	0%	100%	<1%	Fixed

CQP Chair comments: With Mono County as the 4th least populated county in California, it is astonishing how well represented this county has been in CQP, seemingly forever. The reason is W6SX and W6KC. What are we going to do if they are ever unable to participate in the future?



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INYO	5	7	12%	88%	-	-
		K6UN	0%	100%	41%	Fixed
		AD6NR	0%	100%	36%	Fixed
		W6PH	99%	1%	12%	Fixed
		W6RT	0%	100%	6%	Fixed
		N6VHF	0%	100%	3%	Expedition
		K6FRJ	0%	100%	1%	Fixed
		KD6TLE	0%	100%	1%	Fixed

CQP Chair comments: For many years, AD6NR and K6UN have been consistent sources for SSB QSOs from Inyo County. Other fixed stations on SSB have participated as well. In recent years, we have relied on W6PH as the only QSO maker on CW. His huge scores and contesting prowess in the past have put Inyo County in many logs on CW. In 2023, CQP participants learned what happens when the only station on CW in a county is unable to mount a large effort. The important takeaway, not just for Inyo County, but for all counties, is diversification. Who will step up in CQP 2024 to be a significant presence on CW from Inyo County?



California QSO Party

CA County	2023 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2023 (with more than 1 QSO made)	% of QSOs Made on CW by Top 10 QSO Callsigns in County	% of QSOs Made on SSB by Top 10 QSO Callsigns in County	% of Total QSOs Made in County by Top 10 QSO Callsigns	Type of Station
SUTT	6	7	56%	44%	-	-
		K6EI (K6EI, W6ESL KN6ZMT ops)	85%	15%	62%	Expedition
		KD6HOF	0%	100%	22%	Expedition
		KK6VZD	0%	100%	11%	Fixed
		K6AQL/M (K0DI op)	100%	0%	4%	Mobile
		K6R/M (N3KA op)	0%	100%	<1%	Mobile
		WB6GCL	0%	100%	<1%	Fixed
		KK6ISQ	0%	100%	<1%	Fixed

CQP Chair comments: K6EI, W6ESL and KD6HOF have been instrumental in Sutter County in recent years. How do we continue this, resume operations in 2024 at W6BO and encourage the KK6VZD team?



California QSO Party

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YOLO	28	7	57%	43%	-	-
		K6CQP (KE8FT, W6AW ops)	57%	43%	91%	Fixed
		W6JCZ	65%	35%	3%	Fixed
		K6AQL/M (K0DI op)	100%	0%	3%	Mobile
		KD6QJF	0%	100%	1%	Fixed
		KM6KFW	0%	100%	1%	Fixed
		K6R/M (N3KA op)	0%	100%	<1%	Mobile
		KD6FBF	0%	100%	<1%	Fixed

CQP Chair comments: KE8FT and W6AW have been carrying Yolo County in CQP for several years. Outstanding work by them, and we hope it continues. We're also hopeful about W6JCZ being an up-and-coming presence in YOLO, along with the other fixed callsigns listed above.



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CALA	45	8	40%	60%	-	-
		WC6H	48%	52%	75%	Fixed
		N600A (NK6M, AE6J, K6JRO)	0%	100%	15%	Expedition
		K6XV	92%	8%	4%	Fixed
		K6AAN	0%	100%	3%	Fixed
		AD6AE	0%	100%	2%	Fixed
		K6IJ	67%	33%	<1%	Fixed
		W6CTF	0%	100%	<1%	Fixed
		N8NNE	0%	100%	<1%	Fixed

CQP Chair comments: It is hard to imagine CQP in Calaveras County without WC6H. He has been the go-to station in this county, seemingly forever. The N600A expedition, with other fixed stations, are still important, covering 25% of the QSOs made in CALA.



California QSO Party

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TULA	46	8	48%	52%	-	-
		NS6T (NS6T, K6KM, N6SPP, KE6AYK ops)	52%	48%	78%	Expedition
		K6DAV	0%	100%	13%	Fixed
		KN6TZK	74%	26%	5%	Fixed
		K6AQL/M (K0DI op)	100%	0%	3%	Mobile
		KI6QZE	17%	83%	<1%	Portable?
		WA6BEF	0%	100%	<1%	Fixed
		WA6IXI	0%	100%	<1%	Fixed
W6ZKH	0%	100%	<1%	Fixed		

CQP Chair comments: The partnership between NS6T and US Tower has been a godsend the last five years from Tulare County. K6DAV and KN6TZK put forth the best TULA fixed station results in 14 years. Kudos!



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AMAD	48	8	31%	69%	-	-
		K6SZQ	0%	100%	40%	Fixed
		K6A (KH7Y, K6IJ ops)	84%	16%	34%	Fixed
		W6KAP	0%	100%	19%	Fixed
		K6BEW	35%	65%	6%	Fixed
		WE6Z	0%	100%	<1%	Expedition
		W6RKC	8%	92%	<1%	Fixed
		N6KD	0%	100%	<1%	Fixed
		KK6HPB	0%	100%	<1%	Fixed

CQP Chair comments: Amador County is the 6th smallest county by area in CA and has just 0.1% of the overall CA population. It is therefore very impressive how fixed stations cover activity from Amador County extremely well, year after year. Thanks to these stations!



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YUBA	8	9	62%	38%	-	-
		W6XB	100%	0%	54%	Fixed
		N9BD	12%	88%	33%	Fixed
		K6R/M (N3KA op)	0%	100%	5%	Mobile
		K6AQL/M (K0DI op)	100%	0%	3%	Mobile
		N2AIE	0%	100%	2%	Fixed
		KD6HOF	0%	100%	1%	Mobile
		KK6GJR	0%	100%	1%	Fixed
		N6DWI	0%	100%	<1%	Fixed
		KK6WIL	0%	100%	<1%	Fixed



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MERC	19	9	67%	33%	-	-
		W6BX (K9YC, W6GJB, N3ZZ ops)	79%	21%	71%	Expedition
		KF6IDK	0%	100%	14%	Fixed
		K6AQL/M (K0DI op)	100%	0%	11%	Mobile
		KJ6ZFS	0%	100%	1%	Fixed
		K6R/M (N3KA op)	0%	100%	1%	Mobile
		K6MFC	0%	100%	1%	Fixed
		KO6QK	0%	100%	<1%	Fixed
		KD6DKC	0%	100%	<1%	Fixed
		KE6UCX	0%	100%	<1%	Fixed



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BUTT	30	9	77%	23%	-	-
		WN6P (KF6NCX, K6YLH ops)	81%	19%	65%	Fixed
		W6AF (W7XZ op)	100%	0%	23%	Fixed
		NN6P (N7ZTR, KO6AJT ops)	0%	100%	6%	Fixed
		KD6HOF	0%	100%	3%	Expedition
		K6AQL/M (K0DI op)	100%	0%	2%	Mobile
		WA7SPY	0%	100%	<1%	Fixed
		N7MRN	0%	100%	<1%	Fixed
		KD6CUD	0%	100%	<1%	Fixed
		K6SAD	0%	100%	<1%	Fixed



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SJOA	3	>10	32%	68%	-	-
		K6YK	70%	30%	32%	Fixed
		NU6T	0%	100%	22%	Expedition
		N6NFB	0%	100%	18%	Fixed
		W6SF	0%	100%	9%	Fixed
		K6AQL/M (K0DI op)	100%	0%	8%	Mobile
		N6LHL	0%	100%	6%	Fixed
		K6R/M (N3KA op)	0%	100%	2%	Mobile
		N6EWG	0%	100%	1%	Fixed
		KF6SML	0%	100%	1%	Fixed
		N6KZW	0%	100%	1%	Fixed



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SFRA	4	>10	74%	26%	-	-
		NU6V	100%	0%	50%	Fixed
		K6TOR	82%	18%	23%	Expedition
		AJ6IY	0%	100%	10%	Fixed
		N6J/M (NN6U op)	0%	100%	4%	Mobile
		W6JGR	0%	100%	3%	Fixed
		KN6PNF	0%	100%	3%	Fixed
		KD0FNR	100%	0%	2%	Fixed
		N6TNO	76%	24%	2%	Expedition
		NJ6VT	0%	100%	2%	Fixed
		W6PHO	100%	0%	1%	Fixed



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SMAT	10	>10	83%	17%	-	-
		K0DTJ/6	100%	0%	37%	Fixed
		KN6IPE	100%	0%	25%	Fixed
		N6N (K600?)	99%	1%	10%	Fixed
		KJ6TSX	0%	100%	8%	Fixed
		W6SY	99%	1%	6%	Fixed
		N6J/M (NN6U op)	0%	100%	5%	Mobile
		N6FMF	67%	33%	5%	Fixed
		WO6W	100%	0%	2%	Fixed
		W6EO	17%	83%	1%	Portable?
		KI6UDZ	0%	100%	1%	Fixed



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STAN	11	>10	74%	26%	-	-
		W6XK	76%	24%	67%	Fixed
		K6CSL	100%	0%	14%	Fixed
		K6AQL/M (K0DI op)	100%	0%	8%	Mobile
		KK6ILV	0%	100%	3%	Fixed
		K6R/M (N3KA op)	0%	100%	3%	Mobile
		W6UHF	0%	100%	1%	Fixed
		W7AIT	0%	100%	1%	Fixed
		W6GY Y	0%	100%	1%	Fixed
		KK6WBS	0%	100%	1%	Fixed
		WA6BFG	0%	100%	1%	Fixed



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SHAS	20	>10	28%	72%	-	-
		W6T (K6KS, KM6BDN ops)	0%	100%	35%	Expedition
		KK6L	100%	0%	23%	Fixed
		KQ6CS	0%	100%	20%	Fixed
		K6WK	0%	100%	7%	Fixed
		K6C (W1RH op)	100%	0%	6%	Expedition
		AF6P	0%	100%	3%	Fixed
		W3FF	0%	100%	3%	Fixed
		KN6EZF	0%	100%	1%	Fixed
		KN6IZX	0%	100%	1%	Fixed
		KK6MPT	0%	100%	1%	Fixed



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SOLA	21	>10	52%	48%	-	-
		N6GK (KD6WKY op)	65%	35%	51%	Fixed
		KE6QR	48%	52%	34%	Fixed
		KK6ZIZ	0%	100%	6%	Fixed
		K6AQL/M	100%	0%	3%	Mobile
		KO6MX	0%	100%	3%	Fixed
		W6GAE	0%	100%	1%	Fixed
		KB6SHT	0%	100%	1%	Fixed
		AA6AM	0%	100%	<1%	Fixed
		AI6KD	0%	100%	<1%	Fixed
		KJ6RWQ	0%	100%	<1%	Fixed



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MONT	22	>10	80%	20%	-	-
		K6Q (K5CM op)	98%	2%	61%	Fixed
		K6AQL/M (K0DI op)	100%	0%	10%	Mobile
		WC6DX	1%	99%	10%	Fixed
		KN6BAZ	100%	0%	9%	Expedition
		N6IJ	0%	100%	4%	Fixed
		K6GRL	0%	100%	2%	Fixed
		N6J/M (NN6U op)	0%	100%	2%	Mobile
		W0PZ	0%	100%	1%	Fixed
		K6R/M (N3KA op)	0%	100%	<1%	Mobile
		WB2EE	0%	100%	<1%	Portable?



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FRES	25	>10	64%	36%	-	-
		W6W (KA6AIL, N6VOH, N6PZK, K6PWE, +)	42%	58%	47%	Fixed
		K6F (AK7G op)	98%	2%	38%	Fixed
		KK6KSD	100%	0%	4%	Portable?
		KE6SHL	0%	100%	4%	Fixed
		K6AQL/M (K0DI op)	100%	0%	3%	Mobile
		W6OBB	0%	100%	2%	Portable?
		KB0DBI	0%	100%	1%	Fixed
		N6QQN	0%	100%	<1%	Fixed
		WA6FFJ	0%	100%	<1%	Fixed
		K6USY	0%	100%	<1%	Fixed



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MARN	26	>10	83%	17%	-	-
		K6RIM	91%	9%	48%	Fixed
		N6TQ	97%	3%	36%	Fixed
		AA6PP	0%	100%	5%	Fixed
		K6CTA	100%	0%	3%	Fixed
		KW6EZ	0%	100%	3%	Fixed
		WA6CR	0%	100%	2%	Fixed
		N6TNO	76%	24%	1%	Expedition
		N6LY	0%	100%	1%	Portable?
		N6OVP	8%	92%	<1%	Fixed
		KM6AHT	0%	100%	<1%	Portable?



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NEVA	27	>10	45%	55%	-	-
		W6DOJ (K6ON, K6XN, K6YN, K6LNP ops)	0%	100%	38%	Fixed
		W6EU	100%	0%	33%	Fixed
		K6JJR	96%	4%	12%	Fixed
		KI6LOP	0%	100%	8%	Fixed
		W6FTC	0%	100%	4%	Fixed
		W6DAR	0%	100%	1%	Fixed
		AI6MC	0%	100%	1%	Fixed
		K9RTX	0%	100%	1%	Fixed
		K6R/M (N3KA op)	0%	100%	1%	Mobile
		N6VGP	0%	100%	1%	Fixed



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KERN	34	>10	77%	23%	-	-
		AA6AA	64%	36%	29%	Fixed
		W6WG (+KA9FRH, N3BKV ops)	71%	29%	23%	Fixed
		NF6R	100%	0%	17%	Fixed
		K6MI	100%	0%	10%	Expedition
		W6AQ (N6AN op)	92%	8%	8%	Expedition
		K6FA	100%	0%	6%	Fixed
		K6K (N6AJ op)	0%	100%	2%	Fixed
		K6AQL/M (K0DI op)	100%	0%	2%	Mobile
		N6ABT	0%	100%	2%	Fixed
		KN6VBW	0%	100%	1%	Fixed



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ELDO	37	>10	71%	29%	-	-
		K6OK	64%	35%	42%	Fixed
		K6LRN	99%	1%	26%	Fixed
		AF6SA	46%	54%	20%	Fixed
		W3WRC (WE6Z op)	100%	0%	9%	Fixed
		K6LBP	0%	100%	1%	Fixed
		WE6Z	0%	100%	1%	Expedition
		W6WHU	0%	100%	<1%	Fixed
		KB2ZVD	0%	100%	<1%	Fixed
		KC6SLE	0%	100%	<1%	Portable?
		W6DGD	0%	100%	<1%	Fixed



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SBER	37	>10	52%	48%	-	-
		K6VO (K6NR op)	76%	24%	67%	Fixed
		WB6HYH	0%	100%	19%	Fixed
		KD6RAP	0%	100%	5%	Fixed
		KN6THV	0%	100%	2%	Fixed
		K6RWM	100%	0%	2%	Fixed
		AJ6O	0%	100%	1%	Fixed
		AB6RT	0%	100%	1%	Fixed
		W5ABQ	0%	100%	1%	Fixed
		WY6R	0%	100%	1%	Fixed
		N6AJR	0%	100%	1%	Fixed



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SLUI	40	>10	54%	46%	-	-
		W6TK	58%	42%	83%	Fixed
		KB6WRW	0%	100%	6%	Fixed
		W6M (KB9ENS op)	80%	20%	4%	Mobile
		K6AQL/M (K0DI op)	100%	0%	2%	Mobile
		NG6J	0%	100%	1%	Fixed
		W6BHZ (KM6WIU op)	0%	100%	1%	Fixed
		K5ZEN	0%	100%	1%	Fixed
		AK6BE	0%	100%	<1%	Fixed
		KA3DRR	100%	0%	<1%	Portable?
		K6R/M (N3KA op)	0%	100%	<1%	Mobile



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SBAR	43	>10	62%	38%	-	-
		W6COW (NK6A, AA6DW ops)	57%	43%	31%	Fixed
		N6RA (AC6T, K6AW, +)	73%	27%	29%	Fixed
		NN6DX (W1PR op)	60%	40%	22%	Fixed
		N6MW	100%	0%	11%	Fixed
		WA6MRK	100%	0%	5%	Fixed
		KM6JE	100%	0%	1%	Fixed
		W6AAF	100%	0%	<1%	Fixed
		KN6QVA	100%	0%	<1%	Fixed
		KN6NGP	100%	0%	<1%	Portable?
		KD6OVS	100%	0%	<1%	Fixed



California QSO Party

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VENT	44	>10	51%	49%	-	-
		W6E (N6MI, N7DA, W6PNG ops)	53%	47%	70%	Expedition
		KN6VVQ	11%	89%	10%	Fixed
		W6AQ (N6AN op)	92%	8%	10%	Expedition
		K6IT	100%	0%	4%	Fixed
		KD6NFD	0%	100%	1%	Fixed
		W6C (KE6PLA?)	0%	100%	1%	Portable?
		KD6AEJ	0%	100%	1%	Fixed
		W6CJM	0%	100%	1%	Fixed
		N6CXD	0%	100%	1%	Fixed
		KQ6NO	0%	100%	1%	Fixed



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PLAC	47	>10	45%	55%	-	-
		W6P (KM6RGO, AI6JB, W6DER, AI6W ops)	66%	34%	50%	Expedition
		AI6US	0%	100%	20%	Fixed
		WU6X	100%	0%	11%	Fixed
		N6PGQ	0%	100%	6%	Fixed
		KD6HOF	0%	100%	5%	Expedition
		AI6IN	0%	100%	3%	Fixed
		N6UWQ	0%	100%	2%	Fixed
		KN6DRN	0%	100%	1%	Fixed
		N3BEN	13%	87%	1%	Expedition
		KB6Q	100%	0%	1%	Expedition



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SACR	49	> 10	57%	43%	-	-
		N6RK	76%	24%	27%	Fixed
		N6JV	100%	0%	21%	Fixed
		K6RC	53%	47%	15%	Fixed
		K6TQ	0%	100%	15%	Fixed
		W6SFM (AI6U, K6LQ, WB6UBK ops)	100%	0%	8%	Fixed
		KD6HOF	0%	100%	4%	Expedition
		KN6XU	0%	100%	4%	Fixed
		W6AAE	0%	100%	2%	Fixed
		KB6ODH	0%	100%	2%	Fixed
		KQ6DI	0%	100%	2%	Fixed



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ORAN	50	>10	66%	34%	-	-
		N6MJ	74%	26%	20%	Fixed
		N6GP	74%	26%	19%	Fixed
		N6OKU	0%	100%	17%	Fixed
		W6ZL	100%	0%	15%	Fixed
		NT6X	36%	64%	9%	Fixed
		K6PB	100%	0%	7%	Fixed
		KB6A	100%	0%	6%	Fixed
		N6PE	100%	0%	4%	Fixed
		KI6X	67%	33%	2%	Fixed
		KG6MWI (KG6MWI, K6ACJ ops)	0%	100%	1%	Mobile



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RIVE	51	>10	55%	45%	-	-
		NX6T	53%	47%	45%	Fixed
		WA6KHK	75%	25%	30%	Fixed
		N6JW	11%	89%	13%	Fixed
		NC6V	100%	0%	4%	Fixed
		W9JXT	79%	21%	3%	Fixed
		AC6DX	0%	100%	2%	Fixed
		KJ6JEP	0%	100%	1%	Fixed
		WA6TMY	0%	100%	1%	Fixed
		WA6MCL	91%	9%	<1%	Fixed
		KE6BGN	0%	100%	<1%	Fixed



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LANG	52	>10	58%	42%	-	-
		W6AFA	0%	100%	27%	Fixed
		WA7BNM	80%	20%	19%	Fixed
		N6AA	100%	0%	12%	Fixed
		N6NO	100%	0%	11%	Fixed
		WA6URY	74%	26%	7%	Fixed
		K9KJ/6	100%	0%	6%	Fixed
		N6LL	51%	49%	6%	Fixed
		NQ6X	0%	100%	6%	Expedition
		NC6Q (NC6Q, K6NT ops)	55%	45%	3%	Expedition
		AI6V	94%	6%	3%	Fixed



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SCRU	53	>10	65%	35%	-	-
		K6XX	55%	45%	44%	Fixed
		K6MMM (KE1B, W6NN ops)	58%	42%	25%	Fixed
		K6RB	100%	0%	14%	Fixed
		K6GHA	76%	24%	11%	Fixed
		N6ZZ (N5KO op)	100%	0%	3%	Fixed
		KN6PHG	0%	100%	1%	Fixed
		AF6GQ	100%	0%	1%	Fixed
		KN6TYR	0%	100%	<1%	Fixed
		KI6EAB	0%	100%	<1%	Fixed
		KG6WSW	0%	100%	<1%	Fixed



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SONO	54	>10	67%	33%	-	-
		N6IE	53%	47%	28%	Fixed
		K6SRZ	80%	20%	18%	Fixed
		W6XU	83%	17%	17%	Fixed
		K6JS	100%	0%	11%	Fixed
		N6TTV	100%	0%	9%	Fixed
		N3RC	20%	80%	6%	Fixed
		K6ELE	0%	100%	5%	Fixed
		NO6M	0%	100%	2%	Fixed
		KN6ZHJ	0%	100%	2%	Fixed
		KG6N	100%	0%	2%	Fixed



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SDIE	55	>10	82%	18%	-	-
		NT6Q (N5ZO op)	68%	32%	23%	Fixed
		NC6K	87%	13%	14%	Fixed
		K6NA	100%	0%	11%	Fixed
		AA2IL	100%	0%	10%	Fixed
		K6WSC	100%	0%	10%	Expedition
		K6RO	0%	100%	7%	Fixed
		N6EP	91%	9%	7%	Fixed
		KE6PY	87%	13%	7%	Fixed
		K6AR	100%	0%	6%	Fixed
		W6R (WQ6X op)	96%	4%	5%	Fixed



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ALAM	56	>10	65%	35%	-	-
		W6TCP	51%	49%	49%	Fixed
		K7GK	100%	0%	17%	Fixed
		NA6O	100%	0%	13%	Fixed
		K6DF	100%	0%	5%	Fixed
		KK6PXT	0%	100%	5%	Fixed
		WD6T	87%	13%	4%	Fixed
		AF6TF	0%	100%	4%	Fixed
		KI6OY	100%	0%	2%	Fixed
		NR7Z	0%	100%	<1%	Fixed
		KF6JS	0%	100%	<1%	Fixed



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CCOS	56	>10	42%	58%	-	-
		N6O (N6WM, WD6T, WX5S, VA7RR, WU6P, N6RO, K3EST, KI6NJW)	35%	65%	80%	Fixed
		N6PN	100%	0%	12%	Fixed
		KW6SA	0%	100%	2%	Fixed
		WZ6ZZ	0%	100%	2%	Fixed
		WQ6X	92%	8%	1%	Fixed
		NI6P	0%	100%	1%	Fixed
		K6AQL/M	100%	0%	1%	Mobile
		N6BHX	11%	89%	<1%	Fixed
		KN6HNS	0%	100%	<1%	Fixed
N6TNO	76%	24%	<1%	Expedition		



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SCLA	58	>10	70%	30%	-	-
		N6TV	56%	44%	23%	Fixed
		AE6Y	68%	32%	20%	Fixed
		NW6P (W9KKN op)	69%	31%	16%	Fixed
		K6MM	76%	24%	10%	Fixed
		AJ6V	94%	6%	9%	Fixed
		NU6N	100%	0%	9%	Fixed
		WQ6L	1%	99%	6%	Fixed
		AC6YY	100%	0%	3%	Fixed
		W6LD	100%	0%	2%	Fixed
		K6KQV	100%	0%	2%	Fixed

