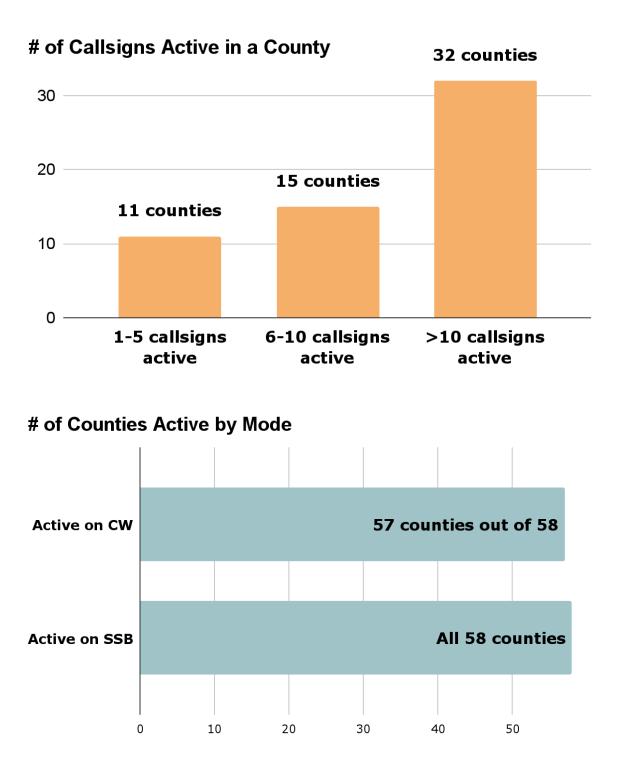
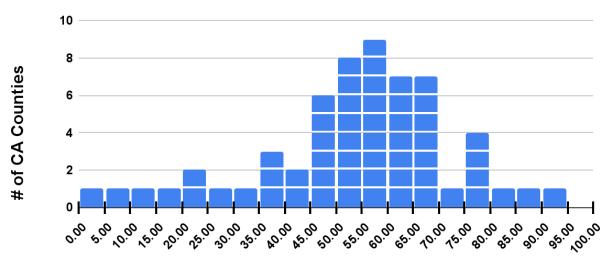
#### **CQP 2024 CA County Report**



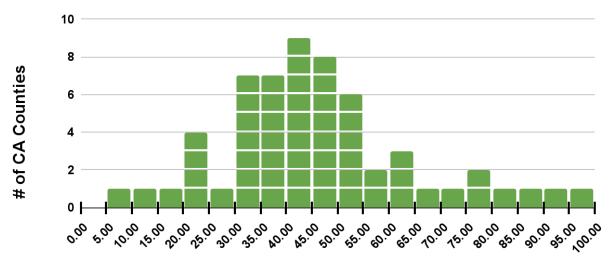


## Histogram of QSOs Made in Each CA County by Mode: % of a given county's QSOs that were made on CW



% of a County's QSOs Made on CW

## Histogram of QSOs Made in Each CA County by Mode: % of a given county's QSOs that were made on SSB



% of a County's QSOs Made on SSB

QSO percentages are calculated from the top 10 QSO producers in each CA county. Log submitters & non submitters are included.



#### **CQP 2024 Report by County**

#### About the following report:

- Shows top 10 QSO makers in every CA county
- Stations who did *not* submit a log **are** also included in this report.
- Report is sorted by # of callsigns active in a given county (from one callsign active to >10 callsigns active).

#### Suggested actions for operators in CQP 2025:

- 1. Find the top 10 rarest counties from 2024 and activate one of them in 2025.
  - e.g. YUBA, MADE, COLU, SISK, LASS
- 2. Find a county that needs more help on a certain mode and activate that mode in 2025.
  - e.g. on CW: NAPA, AMAD, LASS, YUBA, MADE
- 3. Find a county that was safe in 2024 but which we already know will be at risk in 2025.
  - e.g. LAKE, KING, SIER
- 4. Find a county in which just one callsign carried 85+% of the QSO load and operate from that county in 2025.
  - e.g. MODO, IMPE, TRIN, NAPA, YOLO, SIER, LAKE, KING, MEND
- 5. Contact a fixed station owner shown in the report below and offer to be a guest operator in 2025.
- 6. Read CQP Chair notes for ideas in each county.
- 7. Just one station in any county can have a huge impact on the entire contest. Please be that station in CQP 2025!



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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	47	1	57%	43%	-	-
		K6M	57%	43%	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.



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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
IMPE	36	2	53%	47%	-	-
	50	K6QK	53%	47%	>99%	Expedition
		N6RNN	0%	100%	<1%	Fixed

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. They are also similar in that 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. N6RNN made a couple of QSOs in 2024. Remote partnership opportunities?



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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
TRIN	21	2	59%	41%	-	
	21	W6T	60%	40%	99%	Expedition
		KE6HEC	0%	100%	1%	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 by N6DVS, KM6BDN and K6KS have been vital the last several years in Trinity County. We need to do everything we can to support them so that they continue to activate this county by expedition.



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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
DELN	21	3	39%	61%	-	
	21	W6HY (KD6WKY op)	51%	49%	77%	Fixed
		KG6LHW	0%	100%	19%	Expedition
		W6JLV	0%	100%	4%	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. Participation from KG6LHW and W6JLV is a great help to prevent one station from having to carry 100% of the QSOs from DELN.



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KING	20	3	78%	22%	-	
KING	20	N6K (N6WT op)	76%	24%	91%	Expedition
		K6AQL/M	100%	0%	8%	Mobile
		K6R/M	0%	100%	1%	Mobile

CQP Chair comments: N6WT has done a great job activating Kings County by expedition for the last three years in a row. In 2025, it will probably make sense for him to stay home at his FB fixed station in SLUI. The county lost SLUI stalwart W6TK who moved to Oregon. <u>Consequently, Kings County needs someone to step up and mount an</u> <u>expedition in CQP 2025.</u> Please strongly consider it! Also, we missed fixed station W0HJW on SSB in 2024. Can we figure out a way for his station to be active in 2025?



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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
MARP	27	3	39%	61%	-	
	27	NZ6Q	44%	56%	56%	Expedition
		N6NZ	31%	69%	43%	Fixed
		W1LQD	0%	100%	1%	Fixed

CQP Chair comments: For the last four years in CQP, we have been lucky to have had two strong efforts activating Mariposa County: fixed station N6NZ and expedition station NZ6Q. 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). We sincerely hope these efforts continue for years to come.



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COLU	3	4	24%	76%	-	-
	3	N6NHI	0%	100%	58%	Fixed
		K6AQL/M	100%	0%	24%	Mobile
		K6R/M	0%	100%	17%	Mobile
		КООХ	0%	100%	1%	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. Mobiles in Colusa County made up 41% of the county's total QSOs in CQP 2024. This is the highest percentage made by mobiles of CA county. Meanwhile, the terrain in the western part of the county provides opportunities for expeditions on USFS land. Who will step up to organize an expedition to Colusa County in 2025?



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SIER	40	4	64%	36%	-	-
SILK		W6MY (N6DE op)	64%	36%	93%	Fixed
		N7AUE	100%	0%	4%	Expedition
		N6Z	0%	100%	2%	Expedition
		K6R/M	0%	100%	1%	Mobile

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 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. This station will be available in 2025, as N6DE has expedition plans in other counties. Sierra County also has excellent opportunities for expeditions on public land, including county line points. N7AUE and N7AAE operated as expeditions. We hope they continue to go on expeditions.



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ΜΟΝΟ	38	5	82%	18%	-	-
		W6ML (W6KC op)	81%	19%	57%	Expedition
		W6SX	100%	0%	35%	Fixed
		KA9MDP	0%	100%	7%	Expedition
		KC6CHT	0%	100%	<1%	Fixed
		W6QF	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. We can't expect this to last forever. It would be wise to bring on another long term Mono County participant. KA9MDP was a promising new expedition to the MONO/ALPI county line in 2024. We are glad to have had fixed stations KC6CHT and W6QF participate in 2024. In 2023, fixed stations KM6MEF and WA8SME participated, but not in 2024. How can we partner with one of these four fixed stations for remote activation or in-person guest operator?



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PLUM	17	5	42%	58%	-	-
	17	W6CQP (KH2TJ op)	71%	29%	60%	Fixed
		KD6HOF	0%	100%	30%	Expedition
		K6CEL	0%	100%	7%	Expedition
		K6R/M (N3KA op)	0%	100%	2%	Mobile
		KO6BGB	0%	100%	1%	Expedition

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. KD6HOF answered the call in 2024 with an impressive Phone low power expedition result. K6CEL's annual Phone QRP expedition went well in 2024, taking advantage of good band conditions.



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SISK	4	5	49%	51%	-	-
		WU6X	100%	0%	49%	Expedition
		KG6LHW	0%	100%	42%	Expedition
		N6BIS/M	0%	100%	8%	Mobile
		KR4HO	0%	100%	<1%	Fixed
		K6DBS	0%	100%	<1%	Fixed

CQP Chair comments: Over the years, Siskiyou County has needed dedicated portable operations for activation in CQP. Although SISK elevated to the 4th rarest county in CQP 2024, the portable efforts from WU6X, KG6LHW and N6BIS/M still enabled many county sweeps by making SISK equally as accessible on CW and SSB. How can we improve the #4 rarest county standing in 2025? How can we take advantage of the K6DBS fixed station in 2025?



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GLEN	25	6	64%	36%	-	-
GEEN	23	N6YEU	62%	38%	72%	Expedition
		N6E (N9DK op)	75%	25%	25%	Expedition
		K6R/M	0%	100%	1%	Mobile
		KN6MGK	0%	100%	1%	Expedition
		K6AQL/M	100%	0%	<1%	Mobile
		KA6IOB	0%	100%	<1%	Fixed

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. In 2024, the N6YEU and N6E expeditions made 97% of the QSOs from the county. N6YEU has activated GLEN for the last 4 years in a row and might go to a different county in CQP 2025. Over the past 20 years, only one fixed station has ever activated Glenn County and submitted a log: WA6FWN in 2021. KA6IOB made one QSO from his home station in CQP 2024. How can we utilize these home stations for the long term in GLEN?



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INYO	23	6	48%	52%	-	-
	23	K6UN	0%	100%	44%	Fixed
		W6PH	100%	0%	33%	Fixed
		NN7O	70%	30%	20%	Fixed
		K6FRJ	0%	100%	1%	Fixed
		KD6TLE	0%	100%	1%	Fixed
		N6NKS	0%	100%	1%	Mobile

CQP Chair comments: For many years, AD6NR and K6UN have been reliable stations for SSB QSOs from Inyo County. We missed AD6NR in 2024, but K6UN represented the county well with over 500 QSOs. In recent years, W6PH has been the only source of CW QSOs in CQP. In 2024, NN7O was a rare second callsign on CW from Inyo. Unfortunately that will not translate to 2025, as NN7O has moved to Oregon. What is our contingency plan if W6PH is not able to be active in CQP 2025? We need another presence on CW in Inyo for the long term.



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LAKE	26	6	91%	9%	-	-
	20	N6ZFO	99%	1%	91%	Fixed
		AJ6CE	0%	100%	4%	Fixed
		K6R/M	0%	100%	2%	Mobile
		KN6SRH	0%	100%	1%	Fixed
		KN6SRI	0%	100%	1%	Fixed
		KM6WNU	0%	100%	1%	Fixed

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 2025 because he moved to Virginia. <u>We therefore must get serious about</u> how we're going to cover Lake County in his absence. AJ6CE, KM6WNU, KN6SRH and KN6SRI all reside in Lake County. Further, K6DF has land in Lake County. How can one or more of these stations work together or partner with other willing contest operators for QSO coverage similar to what N6ZFO has done for years? 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 2025? Email N6DE for the specific expedition location suggestions.



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NAPA	9	6	0%	100%	-	-
	,	KE6ZSN	0%	100%	95%	Fixed
		KI6PQO	0%	100%	3%	Fixed
		K6R/M	0%	100%	1%	Mobile
		WA7G	0%	100%	<1%	Fixed
		W6BYS	0%	100%	<1%	Fixed
		NY6C	0%	100%	<1%	Fixed

CQP Chair comments: Where would Napa County be without KE6ZSN? He has been the voice of Napa forever. We need to add a CW expedition in this county. Napa is the only county in CQP 2024 that did not have any CW coverage. 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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SUTT	12	6	65%	35%	-	-
		K6EI	83%	17%	74%	Expedition
		W6PNH	0%	100%	11%	Fixed
		KK6VZD	0%	100%	10%	Fixed
		K6AQL/M	100%	0%	3%	Mobile
		K6R/M	0%	100%	1%	Mobile
		K6CSQ	0%	100%	1%	Fixed

CQP Chair comments: K6EI and W6ESL have been instrumental in Sutter County in recent years. What they have accomplished with modest antennas at a house rental on a city lot has been extremely impressive. It was great to see the W6PNH and KK6VZD fixed stations put in over 100 Phone QSOs each this year. These SSB fixed operations, and a CW mobile or POTA CW activation, are important in 2025 and beyond if K6EI and W6ESL ever want to try a different county to activate by expedition.



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ALPI	42	7	56%	44%	-	-
	12	N6A	67%	33%	45%	Expedition
		W6BX	82%	18%	25%	Expedition
		N6GEO	47%	53%	11%	Expedition
		N6OOA	0%	100%	10%	Expedition
		KA9MDP	0%	100%	5%	Expedition
		N6WYZ	0%	100%	3%	Expedition
		KF6QXX	0%	100%	1%	Expedition

CQP Chair comments: 2024 was a record for Alpine County. The 7 unique callsigns from Alpine were the most in CQP history. The 3,800 total QSOs made from Alpine was also the highest in CQP history. This is all the more impressive, given Alpine County is California's least populous county at just over 1,000 total residents. Major thanks to all the ALPI activators in 2024. 96% of the area in Alpine County is public land. The county's highly mountainous terrain allows excellent opportunities for expeditions but makes mobile operations difficult. Expeditions are required to keep this county active in CQP.



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LASS	5	7	13%	87%	-	-
	5	K6ME	0%	100%	39%	Fixed
		W6US	0%	100%	25%	Expedition
		N7AUE	100%	0%	12%	Expedition
		К7СРХ	0%	100%	12%	Fixed
		N6Z	0%	100%	6%	Expedition
		KM6ZQM	0%	100%	5%	Fixed
		W7RGH	0%	100%	1%	Fixed

CQP Chair comments: The successful formula in Lassen County for years has been fixed station K6ME on SSB, combined with expeditions on public lands. We were pleased with expeditions by W6US, N7AUE and N7AAE, and fixed station participation by K7CPX and KM6ZQM. We hope all these Lassen participants return in CQP 2025. What we need in 2025 is one more CW expedition to participate for one day to boost the CW presence and improve the county's rareness ranking.



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YUBA	1	7	19%	81%	-	-
	1	N9BD	12%	88%	77%	Fixed
		K6AQL/M	100%	0%	9%	Mobile
		N2AIE	0%	100%	4%	Fixed
		K6R/M	0%	100%	4%	Mobile
		K6WWL	0%	100%	3%	Fixed
		KK6SNG	0%	100%	2%	Expedition
		KK6WIL	0%	100%	1%	Fixed

CQP Chair comments: We really missed CW participation by W6XB in CQP 2024. W6XB sold his Yuba County property in 2024. We now will need to find a participant to fill the void. CQP 2024 is the first time in recent memory that Yuba County has been the rarest county to contact in CQP. One suggested path to improving this standing in CQP 2025 is for all 7 of the above stations to operate again from Yuba, and for another expedition to operate on CW for the day.



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CALA	45	8	43%	57%	-	-
	75	WC6H	54%	46%	80%	Fixed
		N6OOA	0%	100%	13%	Expedition
		WB6HUM	0%	100%	4%	Fixed
		N6FRG	0%	100%	2%	Expedition
		W6JAZ	0%	100%	<1%	Fixed
		KN6SGJ	0%	100%	<1%	Expedition
		N8NNE	0%	100%	<1%	Fixed
		K6R/M	0%	100%	<1%	Mobile

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 annual N6OOA expedition has been a reliable 2nd callsign on SSB from CALA since 2018. With N6OOA and others in CALA on SSB, the county is in good shape on SSB if WC6H cannot participate in a given year. A 2nd callsign on CW in CALA would be a welcome addition.



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MERC	24	8	52%	48%	-	-
PIERC	27	NZ6Q	44%	56%	64%	Expedition
		W6IA	64%	36%	27%	Expedition
		K6AQL/M	100%	0%	6%	Mobile
		KJ6ZFS	0%	100%	1%	Fixed
		KO6DEV	0%	100%	1%	Fixed
		K6MFC	0%	100%	<1%	Fixed
		N6KEK	0%	100%	<1%	Fixed
		K6R/M	0%	100%	<1%	Mobile

CQP Chair comments: The W6BX expedition team usually operates from Merced County, but did not in 2024. We were very fortunate that the NZ6Q and W6IA expedition teams covered Merced County, carrying over 90% of the QSOs made from MERC in CQP 2024. The W6IA team is likely to travel to a different county in CQP 2025. Will either the NZ6Q or W6BX expedition teams operate from MERC in 2025? Also, we missed fixed station KF6IDK in 2024 and hope for his return in 2025.



CA County	2024 Rareness Rank (1=rarest; 58=most common)	Callsigns Active in CQP 2024	% 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
AMAD	12	9	6%	94%	-	-
	12	K6SZQ	0%	100%	55%	Fixed
		NC6R	0%	100%	18%	Fixed
		W6KAP	0%	100%	15%	Fixed
		K6BEW	70%	30%	8%	Fixed
		W7SAT	0%	100%	3%	Fixed
		K6R/M	0%	100%	<1%	Mobile
		KN6DAM	0%	100%	<1%	Fixed
		КК6НРВ	0%	100%	<1%	Fixed
		KF7OVL	0%	100%	<1%	Fixed

CQP Chair comments: We missed KH7Y, who moved to New Mexico in 2024. CW presence in AMAD was down dramatically in 2024 but was saved by K6BEW making nearly 100 CW QSOs. The AMAD SSB presence was still strong, thanks to the K6SZQ/NC6R station leading the way. AMAD would highly benefit by a part time CW expedition in 2025. Amador County is the 6th smallest county by area in CA.



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MEND	19	9	29%	71%	-	-
	15	WA6M	33%	67%	87%	Fixed
		K6SCM	0%	100%	3%	Fixed
		KB6LZW	0%	100%	3%	Fixed
		KJ6EIF	0%	100%	2%	Fixed
		W6AAM	0%	100%	2%	Fixed
		WB9NJS	0%	100%	2%	Fixed
		K5RR	0%	100%	<1%	Fixed
		KN6BCA	0%	100%	<1%	Fixed
		K6AFL	0%	100%	<1%	Fixed

CQP Chair comments: In the last few years, we've been very fortunate to have active fixed stations in Mendocino County, with WA6M@W6DSR doing the heavy lifting. We really need the WA6M effort to continue in CQP 2025. Additionally, MEND would benefit from an expedition on both modes and a CW operator to guest op at one of the eight SSB-only fixed stations listed above.



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YOLO	27	9	54%	46%	-	-
	27	K6CQP	54%	46%	90%	Fixed
		K6AQL/M	100%	0%	6%	Mobile
		K6DYH	0%	100%	2%	Fixed
		K6R/M	0%	100%	1%	Mobile
		KM6KFW	0%	100%	<1%	Fixed
		KD6FBF	0%	100%	<1%	Fixed
		WN6AMS	0%	100%	<1%	Fixed
		KA6IFL	0%	100%	<1%	Fixed
		KN6LBF	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, but we can't expect this to last forever. We are looking for a fixed station or expedition in Yolo which can serve as a second station to be a long term presence on both modes. A creative partnership between a fixed station and a CW contest operator would be beneficial.



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нимв	16	10	65%	35%	-	-
	10	W6JTI	99%	1%	65%	Fixed
		KG6LHW	0%	100%	18%	Expedition
		N6ZZO	0%	100%	5%	Fixed
		KN6CEI	0%	100%	4%	Fixed
		WB6QPG	41%	59%	3%	Fixed
		N6HBJ	0%	100%	3%	Fixed
		AE6LJ	0%	100%	1%	Fixed
		KA6HUM	0%	100%	<1%	Fixed
		KN6VYP	0%	100%	<1%	Fixed
		KE6SLS	0%	100%	<1%	Fixed



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MADE	2	10	24%	76%	-	-
	2	K6ARP	0%	100%	29%	Expedition
		K6AQL/M	100%	0%	24%	Mobile
		W6JFA	0%	100%	15%	Expedition
		N6M (K5SML op)	0%	100%	14%	Expedition
		KN6UDK	0%	100%	7%	Fixed
		KG6BXW	0%	100%	5%	Fixed
		N6LED	0%	100%	4%	Fixed
		K6R/M	0%	100%	1%	Mobile
		KM6YFD	0%	100%	<1%	Fixed
		W6APC	0%	100%	<1%	Fixed



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ALAM	35	>10	67%	33%	-	-
	55	W6TCP	67%	33%	61%	Fixed
		NA6O	100%	0%	17%	Fixed
		N6WG	100%	0%	5%	Fixed
		AE6XC	11%	89%	5%	Fixed
		КК6РХТ	0%	100%	4%	Fixed
		K6AQL/M	100%	0%	3%	Mobile
		WQ6X	0%	100%	2%	Fixed
		AC6MM	0%	100%	1%	Fixed
		KI6OY	100%	0%	1%	Fixed
		KE6BEE	0%	100%	1%	Expedition



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BUTT	34	>10	55%	45%	-	-
	54	WN6P	79%	21%	68%	Fixed
		KD6HOF	0%	100%	21%	Expedition
		NN6P	0%	100%	5%	Fixed
		KN6MGK	0%	100%	2%	Fixed
		K6R/M	0%	100%	2%	Mobile
		K6AQL/M	100%	0%	1%	Mobile
		N7FSV	0%	100%	<1%	Fixed
		WA6GFX	0%	100%	<1%	Fixed
		KN6GTN	0%	100%	<1%	Fixed
		WB6KXV	0%	100%	<1%	Fixed



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ccos	57	>10	49%	51%	-	-
		N6O	42%	58%	71%	Fixed
		N6PN	100%	0%	14%	Fixed
		KN6VTC	0%	100%	7%	Fixed
		NI6A	81%	19%	4%	Fixed
		W6UDT	100%	0%	2%	Fixed
		КО6М	0%	100%	1%	Fixed
		W6CUS	0%	100%	<1%	Fixed
		K6AQL/M	100%	0%	<1%	Mobile
		KE6BEE	0%	100%	<1%	Expedition
		KM6UXE	0%	100%	<1%	Fixed



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ELDO	46	>10	59%	41%	-	-
		K6OK	75%	25%	27%	Fixed
		WE6Z	38%	62%	27%	Fixed
		K6AO (W1SRD op)	67%	33%	27%	Fixed
		AF6SA	66%	34%	15%	Fixed
		W6QA	0%	100%	1%	Fixed
		WB60GD	0%	100%	1%	Fixed
		KM6LYW	0%	100%	1%	Fixed
		W6TKD	0%	100%	<1%	Fixed
		W6WHU	0%	100%	<1%	Fixed
		K6EWN	0%	100%	<1%	Fixed



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FRES	39	>10	55%	45%	-	-
1 1 2 3	39	W6W	35%	65%	51%	Fixed
		K6F (AK7G op)	99%	1%	35%	Fixed
		KE6SHL	0%	100%	5%	Fixed
		K6AQL/M	100%	0%	2%	Mobile
		KI6NVG	0%	100%	2%	Fixed
		KN6SGL	0%	100%	1%	Fixed
		K6USY	0%	100%	1%	Fixed
		KB0DBI	0%	100%	1%	Fixed
		KB6FPW	100%	0%	1%	Expedition
		K6R/M	0%	100%	1%	Mobile



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KERN	48	>10	66%	34%	-	-
		N6MI	60%	40%	47%	Expedition
		W6WG	83%	17%	16%	Fixed
		NF6R	100%	0%	10%	Fixed
		K6MI	77%	23%	10%	Expedition
		K6K (N6AJ op)	0%	100%	6%	Fixed
		N6AN	98%	2%	5%	Expedition
		KN6ZAT	0%	100%	2%	Fixed
		K6AQL/M	100%	0%	2%	Mobile
		KB6JFL	0%	100%	1%	Fixed
		K6R/M	0%	100%	1%	Mobile



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LANG	56	>10	53%	47%	-	-
	50	K6LA	60%	40%	35%	Fixed
		W6AFA	0%	100%	20%	Fixed
		N6NO	100%	0%	8%	Fixed
		NI6W	100%	0%	7%	Fixed
		N6AA	100%	0%	7%	Fixed
		WA6URY	100%	0%	7%	Fixed
		W6MX	0%	100%	6%	Fixed
		NK6A	88%	12%	4%	Fixed
		N6LL	2%	98%	3%	Fixed
		W1SAV	1%	99%	3%	Fixed



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MARN	37	>10	74%	26%	-	-
		K6RIM	85%	15%	47%	Fixed
		N6TQ	73%	27%	42%	Fixed
		К6СТА	100%	0%	4%	Fixed
		KG6VMT	0%	100%	3%	Fixed
		N6LY	0%	100%	2%	Expedition
		KN6ROS	0%	100%	1%	Fixed
		N6YYY	0%	100%	<1%	Fixed
		KM6WWY	0%	100%	<1%	Fixed
		KK6VZE	0%	100%	<1%	Fixed
		N6EA	0%	100%	<1%	Fixed



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MONT	7	>10	48%	52%	-	-
		N6J	64%	36%	51%	Expedition
		N3DEB	0%	100%	17%	Fixed
		K6AQL/M	100%	0%	16%	Mobile
		AF6U	0%	100%	5%	Fixed
		K6GRL	0%	100%	5%	Fixed
		N6HU	0%	100%	2%	Fixed
		K6R/M	0%	100%	1%	Mobile
		KV6V	0%	100%	1%	Fixed
		WA2RKJ	0%	100%	1%	Fixed
		WOPZ	0%	100%	1%	Fixed



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NEVA	33	>10	79%	21%	-	-
		W6EU	100%	0%	32%	Fixed
		K6NV	90%	10%	15%	Fixed
		К9ЈМ	100%	0%	15%	Fixed
		K6ST	5%	95%	11%	Fixed
		N6XI	100%	0%	11%	Fixed
		K6JJR	100%	0%	7%	Fixed
		W6DOJ	0%	100%	4%	Fixed
		KI6LOP	0%	100%	3%	Fixed
		N6PVI	0%	100%	1%	Fixed
		N6ERL	0%	100%	1%	Fixed



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ORAN	52	>10	65%	35%	-	-
	52	N6MJ	67%	33%	24%	Fixed
		W6ZL	100%	0%	21%	Fixed
		N6OKU	0%	100%	20%	Fixed
		N6TJ	100%	0%	8%	Fixed
		N6GP	100%	0%	8%	Fixed
		N6MU	100%	0%	8%	Fixed
		NT6X	0%	100%	5%	Fixed
		KB6A	100%	0%	4%	Fixed
		KN6WNO	39%	61%	1%	Fixed
		K6ACJ	11%	89%	1%	Expedition



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PLAC	51	>10	51%	49%	-	-
		AI6W	100%	0%	21%	Fixed
		KJ6MBW	84%	16%	19%	Fixed
		W6EK	0%	100%	18%	Expedition
		N6PGQ	0%	100%	16%	Fixed
		WX6V	100%	0%	10%	Fixed
		W6U (K8TR op)	83%	17%	4%	Fixed
		AI6IN	0%	100%	3%	Fixed
		KN6RDD	0%	100%	3%	Fixed
		N6UWQ	0%	100%	3%	Fixed
		N6HA	0%	100%	3%	Fixed



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RIVE	53	>10	65%	35%	-	-
		NX6T	61%	39%	37%	Fixed
		WA6KHK	72%	28%	26%	Fixed
		N6JW	84%	16%	15%	Fixed
		NC6V	81%	19%	12%	Fixed
		K6KTS	0%	100%	3%	Fixed
		N6UNH	0%	100%	3%	Fixed
		AB6MV	0%	100%	1%	Fixed
		W9JXT/6	100%	0%	1%	Fixed
		WD6GXU	0%	100%	1%	Fixed
		N6ZO	0%	100%	1%	Fixed



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SACR	50	>10	50%	50%	-	-
		N6RK	80%	20%	30%	Fixed
		K6TQ	0%	100%	23%	Fixed
		K6RC	80%	20%	16%	Fixed
		N6EF	100%	0%	13%	Fixed
		W6BS	0%	100%	5%	Fixed
		W6AAE	0%	100%	5%	Fixed
		KQ6DI	0%	100%	3%	Fixed
		K6FMI	0%	100%	3%	Fixed
		KN6XU	0%	100%	1%	Fixed
		K6CVD	0%	100%	1%	Fixed



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SBAR	43	>10	65%	35%	-	-
		N6RA	64%	36%	51%	Fixed
		NN6DX	70%	30%	30%	Fixed
		N6MW	100%	0%	8%	Fixed
		W6KSR	72%	28%	4%	Expedition
		WA6MRK	0%	100%	3%	Fixed
		КМ6ЈЕ	14%	86%	1%	Fixed
		KM6HN	0%	100%	1%	Fixed
		K6DSB	0%	100%	1%	Fixed
		AA6FD	100%	0%	<1%	Fixed
		K6R/M	0%	100%	<1%	Mobile



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SBEN	6	>10	58%	42%	-	-
	-	N6J	64%	36%	62%	Expedition
		N6SBC	0%	100%	13%	Fixed
		K6VVA/6	100%	0%	13%	Expedition
		K6AQL/M	100%	0%	5%	Mobile
		W6WKB	0%	100%	2%	Fixed
		K6R/M	0%	100%	1%	Mobile
		WR6E	0%	100%	1%	Fixed
		W6KRK	0%	100%	1%	Fixed
		K6CWM	0%	100%	1%	Fixed
		WB6ECV	0%	100%	1%	Fixed



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SBER	44	>10	55%	45%	-	-
		K6VO	82%	18%	46%	Fixed
		WB6HYH	0%	100%	21%	Fixed
		W6KK	78%	22%	19%	Fixed
		W7RSO	0%	100%	4%	Fixed
		KD6RAP	0%	100%	3%	Fixed
		K6RWM	100%	0%	2%	Fixed
		KR1IS	0%	100%	2%	Fixed
		W5ABQ	0%	100%	1%	Fixed
		KF6RVJ	0%	100%	1%	Fixed
		WB6JUI	0%	100%	1%	Fixed



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SCLA	58	>10	77%	23%	-	-
		W6YX (WD6T op)	69%	31%	18%	Fixed
		NW6P (W9KKN op)	70%	30%	17%	Fixed
		AE6Y	72%	28%	16%	Fixed
		К6ММ	84%	16%	10%	Fixed
		N6TV	56%	44%	10%	Fixed
		AJ6V	76%	24%	10%	Fixed
		NU6N	100%	0%	9%	Fixed
		AC6YY	100%	0%	4%	Fixed
		NE6NE	100%	0%	4%	Fixed
		W6DR	100%	0%	2%	Fixed



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SCRU	55	>10	58%	42%	-	-
Jene	55	K6XX	57%	43%	48%	Fixed
		K6MMM (KE1B op)	66%	34%	26%	Fixed
		K6RB	100%	0%	10%	Fixed
		WN6A	0%	100%	7%	Fixed
		N6ZZ (N5KO op)	100%	0%	3%	Fixed
		K6GHA	2%	98%	2%	Fixed
		KG6WSW	0%	100%	1%	Fixed
		KN6PHG	0%	100%	1%	Fixed
		KK6IK	100%	0%	1%	Expedition
		W6WL	0%	100%	1%	Fixed



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SDIE	54	>10	77%	23%	-	-
0011	51	NT6Q (N5ZO op)	73%	27%	29%	Fixed
		K6NA	100%	0%	19%	Fixed
		W6A (AA2IL op)	100%	0%	13%	Fixed
		KE6PY	70%	30%	8%	Fixed
		K6ACW	70%	30%	8%	Fixed
		W6KH	0%	100%	7%	Fixed
		K6AR	100%	0%	6%	Fixed
		N6CW	100%	0%	4%	Fixed
		К6КМН	1%	99%	3%	Fixed
		W6R (WQ6X op)	79%	21%	3%	Fixed



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SFRA	8	>10	62%	38%	-	-
	-	NU6V	98%	2%	33%	Fixed
		K6UFO	88%	12%	25%	Expedition
		AJ6IY	0%	100%	18%	Fixed
		W6PHO	100%	0%	7%	Fixed
		KR6A	0%	100%	4%	Fixed
		NJ6VT	0%	100%	3%	Fixed
		КЈ6РТХ	0%	100%	3%	Fixed
		AF6RT	0%	100%	3%	Fixed
		KK6VF	0%	100%	2%	Expedition
		KU2MM	0%	100%	2%	Expedition



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SHAS	30	>10	34%	66%	-	-
		W6T	60%	40%	56%	Expedition
		K6KS	0%	100%	20%	Fixed
		KQ6CS	0%	100%	10%	Fixed
		K6WK	0%	100%	5%	Fixed
		W3FF	0%	100%	4%	Fixed
		AE6HD	0%	100%	3%	Fixed
		KD6SW	0%	100%	<1%	Fixed
		WA6CP	0%	100%	<1%	Fixed
		KN6EZF	0%	100%	<1%	Fixed
		WB6QAZ	0%	100%	<1%	Fixed



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SJOA	31	>10	65%	35%	-	-
		KD6WW	100%	0%	41%	Fixed
		N6NFB	4%	96%	22%	Fixed
		КбҮК	100%	0%	20%	Fixed
		W6SF	1%	99%	4%	Expedition
		K6AQL/M	100%	0%	4%	Mobile
		KA6MEL	0%	100%	3%	Fixed
		W6SWT	0%	100%	3%	Fixed
		К6СММ	0%	100%	1%	Expedition
		NR7Z	7%	93%	1%	Expedition
		K6TVT	0%	100%	1%	Fixed



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SLUI	10	>10	58%	42%	-	-
5201	10	W6M (KB9ENS op)	58%	42%	31%	Mobile
		W6AYC	100%	0%	20%	Fixed
		KA3DRR	100%	0%	17%	Expedition
		W6OBB	0%	100%	10%	Expedition & Fixed
		K9STV	0%	100%	6%	Expedition
		KO6DJI	0%	100%	4%	Fixed
		AK6DM	0%	100%	4%	Fixed
		K6AQL/M	100%	0%	3%	Mobile
		KK6SS	0%	100%	3%	Fixed
		K6R/M	0%	100%	2%	Mobile



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SMAT	15	>10	88%	12%	-	-
	10	KODTJ	100%	0%	61%	Fixed
		K6UFO	88%	12%	27%	Expedition
		N6N (K6OO op)	62%	38%	4%	Fixed
		K6WOK	0%	100%	2%	Fixed
		KU2MM	0%	100%	2%	Expedition
		K6VIZ	0%	100%	1%	Fixed
		KN6MBF	0%	100%	1%	Fixed
		ND6MM	0%	100%	1%	Fixed
		W6NIR	0%	100%	<1%	Fixed
		KO6FEJ	0%	100%	<1%	Fixed



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SOLA	14	>10	68%	32%	-	-
JULA	1.	KE6QR	57%	43%	53%	Fixed
		K6HES (NR5NN op)	93%	7%	17%	Expedition & Fixed
		WZ6T	100%	0%	16%	Fixed
		K6AQL/M	100%	0%	6%	Mobile
		KO6CCU	0%	100%	2%	Fixed
		W6GAE	0%	100%	2%	Fixed
		KK4XU	0%	100%	2%	Fixed
		K6R/M	0%	100%	1%	Mobile
		K6RE	0%	100%	<1%	Fixed
		WD6BQX	0%	100%	<1%	Fixed



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SONO	49	>10	61%	39%	-	-
50110	15	K6S (N6IE op)	44%	56%	31%	Fixed
		W6PZ (K6SRZ op)	79%	21%	19%	Fixed
		K6JS	100%	0%	16%	Fixed
		N6TTV	100%	0%	12%	Fixed
		K6E (K6ELE op)	0%	100%	6%	Fixed
		K6PUD	0%	100%	5%	Fixed
		N3RC	48%	52%	4%	Fixed
		WW6D	100%	0%	3%	Fixed
		KN6ZHJ	0%	100%	3%	Fixed
		W6ECK	0%	100%	1%	Expedition



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STAN	18	>10	57%	43%	-	-
		W6XK	46%	54%	65%	Fixed
		K6CSL	100%	0%	12%	Fixed
		K6AQL/M	100%	0%	8%	Mobile
		AK6EP	100%	0%	7%	Fixed
		N5NPD	0%	100%	4%	Fixed
		N6BCC	0%	100%	1%	Fixed
		W6UHF	0%	100%	1%	Fixed
		KE6HVE	0%	100%	1%	Fixed
		KN6EVQ	0%	100%	<1%	Fixed
		KN6ZGE	0%	100%	<1%	Fixed



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ТЕНА	29	>10	64%	36%	-	-
		AF6GA	99%	1%	48%	Expedition
		N6E (N9DK op)	75%	25%	21%	Expedition
		K6WI	0%	100%	16%	Fixed
		KN60DG	0%	100%	10%	Fixed
		KC6UFE	0%	100%	2%	Fixed
		K6R/M	0%	100%	1%	Mobile
		KO6FJL	0%	100%	1%	Fixed
		K6AQL/M	100%	0%	<1%	Mobile
		K6SJL	0%	100%	<1%	Fixed
		KN6RS	0%	100%	<1%	Fixed



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TULA	41	>10	57%	43%	-	-
		NS6T	63%	37%	74%	Expedition
		K6DAV	0%	100%	14%	Fixed
		KN6TZK	99%	1%	7%	Fixed
		K6AQL/M	100%	0%	3%	Mobile
		W6FSQ	0%	100%	1%	Fixed
		K6IJ	100%	0%	<1%	Portable
		K6R/M	0%	100%	<1%	Mobile
		KM6DXX	0%	100%	<1%	Fixed
		W6ZKH	14%	86%	<1%	Fixed
		WA6SZE	0%	100%	<1%	Fixed



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TUOL	11	>10	39%	61%	-	-
		N6GEO	47%	53%	37%	Expedition
		AF6TF	0%	100%	31%	Expedition
		K6TUO	83%	17%	25%	Fixed
		K6WAL	0%	100%	3%	Fixed
		KE6KYI	0%	100%	1%	Fixed
		KZ6DAV	0%	100%	1%	Fixed
		WA6RWI	100%	0%	1%	Fixed
		WB6GGY	0%	100%	<1%	Fixed
		KJ6CQA	0%	100%	<1%	Fixed
		КМ6ҮЈР	0%	100%	<1%	Fixed



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VENT	32	>10	46%	54%	-	-
		KN6VQ	81%	19%	43%	Fixed
		NQ6X	0%	100%	16%	Expedition
		WB6L	0%	100%	13%	Fixed
		N6AN	98%	2%	10%	Expedition
		KQ6NO	25%	75%	5%	Fixed
		W6JWP	0%	100%	4%	Fixed
		KM6GCA	0%	100%	3%	Fixed
		KA6BJA	0%	100%	2%	Fixed
		W6JPG	0%	100%	2%	Fixed
		KD6NFD	0%	100%	2%	Fixed

