Results of the 2024 CQ World Wide WPX SSB Contest

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"I always forget how much fun this contest is, until I get started" – NT5TM

"I wasn't sure if I was up for a long SSB contest, but this was WAY more fun than I expected" – N7VM

"Fantastic conditions on Saturday but utterly dire on Sunday afternoon!" – GM5G

As GM5G (and many others) noted, conditions on most of Day 1 of the 2024 CQ WPX SSB contest were incredible with outstanding productivity on 40M through 10M, but alas, the Sun had other plans. The culprit was a long duration M9.4 flare erupting from 21:01 to 22:15 UTC on 30 March 2024. Oh, what could have been...

Despite the flare, records tumbled during the 2024 CQ WPX SSB contest! New highs were achieved for the number of logs received, quantity of participants, and total QSOs reported. Further, there was an overhaul of the record score tables resulting from four new World and 18 new continental records. These milestones were achieved despite the conflict with the Easter holiday and lack of cooperation by the Sun on Day 2.

Over 8,200 logs were received, surpassing the previous peak set in 2023. As shown in Figure 1, there was an increase of more than 500 logs and 200 operators as compared to last year. So, why did this growth occur? First, CQ WPX SSB was a qualifying event for WRTC UK 2026 so those chasing qualifying points were highly motivated to go all out. Second, the expectation of improving conditions stimulated interest. The Easter holiday also had an impact as some ops who normally participate on multi-operator teams stayed home to be with family; these ops then submitted logs in single-operator categories.

Over 2.8 million QSOs were confirmed in logs received from 165 DXCC entities. Ten meters was the most productive band accounting for 30% of all QSOs. European logs contained nearly half of all QSOs processed.

	Continent							
Metric	AF	AS	EU	NA	OC	SA	ALL	2023
Logs	58	1,124	3,683	2,334	575	473	8,247	7,735
Operators	75	1,389	4,250	2,503	661	559	9,437	9,227
DXCC	17	35	58	26	12	17	165	166
Prefixes	30	307	905	573	129	144	2,088	2,008
Reported QSOs By Band (Post Log Checking)								
160M	83	142	13,386	772	18	5	14,406	17,679
80M	949	2,628	120,831	12,513	460	205	137,586	155,061
40M	4,541	21,922	239,987	106,698	21,503	7,951	402,602	396,024
20M	12,112	49,985	378,016	191,558	18,452	20,420	670,543	576,804
15M	12,942	102,379	309,819	236,869	29,008	39,085	730,102	660,199
10M	19,729	146,343	289,014	264,805	32,523	121,746	874,160	697,384
All	50,356	323,399	1,351,053	813,215	101,964	189,412	2,829,399	2,503,151
Average Productivty								
QSOs/Log	868	288	367	348	177	400	343	324
QSOs/Opr	671	233	318	325	154	339	300	271

Figure 1. 2024 Activity Level Summary by Continent

Single Operator Accolades

Single operator entries grew by 8% as compared to 2023, and Figure 2 shows the breakdown of Single Operator category selections by continent. Low Power is clearly the category of choice and saw a participation growth of 11% compared to last year. The most popular single band selection was 10M likely due to band conditions.

	Continent							Average per Entry		
2024 Category	AF	AS	EU	NA	OC	SA	All	Op Time (Hours)	Score Reduction	All 2023
Single Op High Power Entries										
All Band	12	199	706	718	83	52	1,770	13	8%	1,694
Single Band	3	127	304	122	45	44	645	12	9%	611
Single Op Low Power Entries										
All Band	19	359	1,570	1,066	203	137	3,354	10	9%	3,009
Single Band	14	272	528	235	182	179	1,410	8	13%	1,332
QRP Entries										
All Band	0	16	80	26	14	6	142	10	12%	132
Single Band	0	48	93	22	22	17	202	7	13%	186

Figure 2 Single Operator Participants by Continent

A study of Figure 3, showing operating times by power levels for the Single Op All Band categories, reveals that about 60% of the players exited after 12 hours and 90% by 24 hours. There were 126 All Banders that lasted the full 36 hours along with 9 Single Banders. Overall, average operating times were on par with last year for most single operator categories.

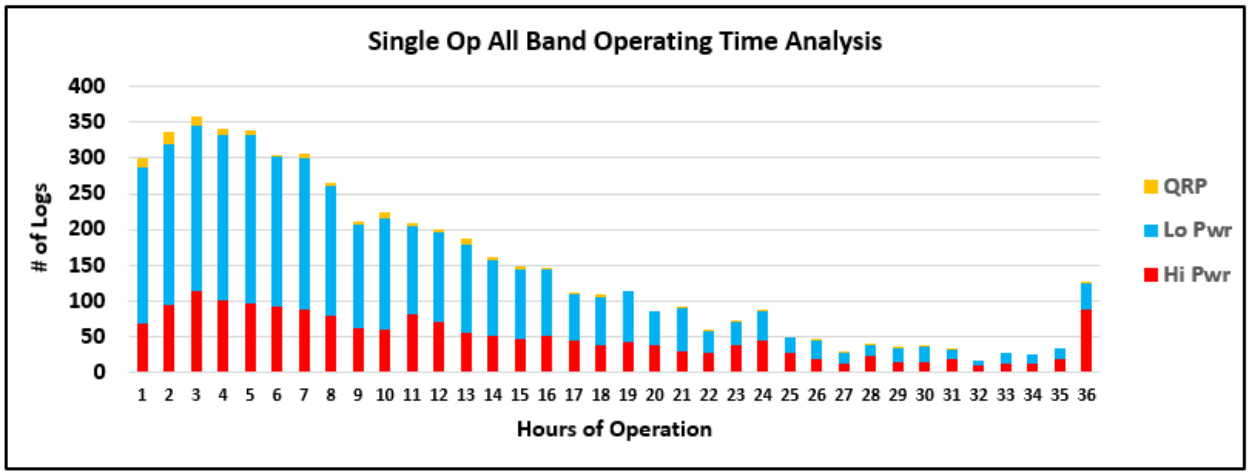

Figure 3 Single Op All Band Operating Time Histogram

Congratulations to PJ4K (N6KT) who returned to the winner's circle again in the Single Op High Power (HP) category after coming in second last year. The runner-up was 8P5A (W2SC); Tom has placed first or second fourteen times since 2006! The online scoreboard showed a tight race between CQ7X (CT1ILT) and E7DX (E77DX) for a new European HP record that was too close to call at the closing bell. CQ7X had more QSOs but E7DX had more multipliers; the final determination boiled down to log checking with CQ7X taking the European record and third place overall. Other incredible Single Op HP achievements include the new USA record earned by WU2X (N5DX), and ND7K (N6MJ) setting new USA benchmarks for both QSOs and multipliers.

RA3CO can add a first place finish in Single Operator Low Power (LP) category to his growing list of accomplishments from PZ5DX. Second place went to perennial Caribbean competitor NP4Z using callsign WP4X. ES7A (ES7GM) and 4X7M (4Z4AK) both set new continental LP records. AC1U (N1UR) was the top USA LP competitor for the second year in a row. ES6RW has been a top 10 contender in the Single Operator QRP category since 2018 and this was the year that he made it to the top spot.

2024 CQ Contest Hall of Fame inductee PT5J (PP5JR) set a new world record in the Single Op 10M HP category; this was his second consecutive win. P43A on 15M, ED5R (EA5Z) on 40M and 4L5O on 80M also won their HP single band categories for this year for the second time in a row. LY0UKR (LY5M) had the top HP score on top band; this was his third win. Another single-band world record was broken by FY5FY – LP on 15M. PF00T (PA2TMS) achieved his sixth first place LP finish on 80M. Finally, both OL4W and HA1TI notched their second consecutive QRP single-band victories on 80M and 160M respectively.

Roberto, TI2RF - #1 in the World, Single Operator, QRP, 10M

Overlay Ovations

The Single Operator Tribander – Wires (TB-Wires) Overlay is for participants with antennas that meet the following requirements: a single feedline for the single antenna used on 20M / 15M / 10M and single element antennas for 160M, 80M and 40M. Separate receive antennas are not permitted. Participation was up by 24% from 2023. CT3KN was the TB-Wires Overlay HP winner for the third year in a row, followed by 9A2M. The TB-Wires LP winner was the contest expedition by PJ5/SP9FIH, followed by UZ7C (UT9CZ) who also set a new European record.

The Classic Overlay is for Single Operators using one radio, without QSO finding assistance, and their score is based on the first 24 hours of on-times. This was the most popular Overlay in 2024, as shown in Figure 4, with an increase of 22% from last year. There were 61 Classic Overlay ops who made it to the 24-hour operating time limit. Congratulations to P49Y (AE6Y) on setting a new World record for the HP Classic Overlay. Second place, and a new North American HP record, was achieved by VE3EJ. The top spots in the LP Classic Overlay were taken by KR5X (K1BX) and TO1Q (F1ULQ). Also, KH6CJJ captured a new LP Classic Overlay record for Oceania.

The Rookie Overlay is intended to attract new contestants licensed for three years or less. The Rookie Overlay saw a growth of 15% as compared to 2023. Of the 347 Rookies this year, 77 were in their final year of eligibility, 126 in Year 2, and 144 in Year 1. HA6KG in his second CQ WPX SSB outing achieved the top score in the HP Rookie Overlay, and first-time entrant AC1OC came in second. The highest scores in the LP Rookie Overlay were both generated by first time entrants HZ1MW and AC1OC.

The Youth Overlay targets operators aged twenty-five or younger. There were 109 Youth Overlay participants, which is up by a whopping 58% from last year, ranging in age from 9 to 25 with an average of 19. HP Youth Overlay continental records, and first and second places overall, were achieved by ES9C (YL3JA) and RA9P and their scores were very close. A new world record was set by BD4VGZ in the Youth LP Overlay and LY7J in second place broke the European record.

	Continent							Average per Entry		
2024 Category	AF	AS	EU	NA	OC	SA	All	Op Time (Hours)	Score Reduction	All 2023
High Power Overlay Entries										
TB-Wires	2	33	126	115	10	7	293	14	7%	251
Classic	0	28	94	59	14	11	206	12	8%	171
Rookie	0	1	21	10	2	0	34	14	12%	36
Youth	0	5	11	3	1	0	20	14	9%	11
Low Power Overlay Entries (Includes QRP)										
TB-Wires	2	53	249	157	23	24	508	11	7%	395
Classic	5	88	366	156	55	40	710	9	12%	577
Rookie	2	66	137	72	17	19	313	9	14%	267
Youth	0	23	45	15	6	0	89	7	10%	58

Figure 4. Single Op Overlay Participation Summary

Multi-Op Celebrations

Figure 5 shows the breakdown of Multi-Op participation by continent. Overall, there were 331 multi-operator stations staffed by 1,521 operators. This is down by 57 stations and 359 operators from 2023, likely due to operators preferring to be at home for the Easter holiday.

	Continent							Average per Entry		
2024 Category	AF	AS	EU	NA	OC	SA	All	Op Time (Hours)	Score Reduction	All 2023
Multi-Single HP	2	25	69	25	6	13	140	30	11%	156
Multi-Single LP	1	29	42	14	8	6	100	20	10%	114
Multi-Two	1	8	25	12	1	3	50	33	10%	73
Multi-Multi	1	5	12	7	1	0	26	33	10%	29
Multi-Distributed	0	1	7	3	3	1	15	25	9%	16

Figure 5. Multi-Operator Participation Summary

The highest score this decade in the Multi-Single High Power (MSH) category was achieved by D4C. V47T reset the MSH North American record and took second place overall. WP3C established a North American record while also achieving the second highest score ever in Multi-Single Low Power (MSL) category. The second highest MSL score in 2024 belongs to C49C who also set a record for Asia. P33W, K1LZ and RU1A all broke continental records and took first, second and third place respectively in the Multi-Two category. CN3A repeated as the Multi-Multi winner, followed by M6T; this was M6T's first ever Multi-Multi operation. The Multi-Distributed leaders were OG66X and KR7D; sixth place finishers 9M6J set a record for Oceania.

My indoctrination into serious contesting resulted from operating at the large Multi-Multi stations in the early 1980s and the comments from multi-operator stations reminded me of the important roles they play in recruiting and training new operators. Examples include: five first time operators at S50E, all in their second year of college; the S750CST roster included two operators who received their licenses just weeks before the contest; TM4Y was operated by "youngsters from all around Europe average age 18 to 25", and C49C was a mixture of experienced and your ops. Finally, there was a five year old operator at UP9L!

The multi-operator comments also demonstrated the pervasiveness of remote operations. Note that the record-breaking efforts by K1LZ and WP3C were primarily achieved using remote operators. Also, PJ2T relied on six (of eight) remote operators for the first time.

The M2 Team at SZ1A (left to right): DD2CW SV8LMQ SV1SYM SV1DPI SV1PMQ ON3UN SV1DKD SV1UK SV1JG SV1FRQ SV1CQM SV1GE SV1CQG SV1CIB

Youth Operators at S50E, Multi-Single High Power

Optimizing Rate, QSO Points and Multipliers

Developing a winning operating strategy for WPX requires consideration of the tradeoffs between QSO rate, QSO point production, and multiplier capture. This is like the adage – you can have it fast, cheap, or good; pick any two. The analogy for CQ WPX is pick a band and operating technique (running vs. search and pounce) to maximize rate, QSO points or multipliers; pick any two. Figure 6 identifies the stations that have figured this out.

The highest QSO points / QSO ratio was 3.50 achieved by CN3A followed by 3.39 produced by the NH7T. These stations benefitted from large numbers of QSOs with stations on other continents. A highlight is the high ratios achieved by WU2X (N5DX) and CG3T (VE3DZ) which were driven by strong performances on 40M and emphasis on QSOs outside of North America.

Log checking identified 2,843 multipliers and 70% of them were captured by CN3A, followed 67% at P33W. E7DX was the multiplier leader among single operators at 54%, followed by PT5J (PP5JR) at 52%. Note that PT5J (PP5JR) was only on 10M!

Highest QSO Points/QSO by Stations Operating 36 or More Hours														
Category	Africa		Asia		Europe		N. America		USA		Oceania		S. America	
Single Op AB HP	-	-	UN9L	3.33	DF9XV	2.91	CG3T	2.97	WU2X	2.97	YE9BJM	2.98	PJ4K	3.26
Single Op AB LP	-	-	4X7M	3.06	OL5Y	2.48	KQ1F	2.87	KQ1F	2.87	-	-	PZ5DX	3.26
Single Op AB QRP	-	-	-	-	IZ3NVR	2.11	-	-	-	-	-	-	-	-
Single Op SB HP	-	-	BD7MM	2.31	YT1A	3.12	-	-	-	-	-	-	PT5J	2.79
Single Op SB LP	-	-	-	-	EA2EJO	1.55	-	-	-	-	-	-	FY5FY	2.90
Multi-Single HP	D4C	3.25	4Z7Z	3.18	EI7M	2.73	V47T	2.73	KZ1W	2.73	VK4A	2.92	PJ2T	3.19
Multi-Single LP	-	-	C49C	3.26	DC4A	2.38	WP3C	2.32	WF4DX	2.32	DX3H	2.62	CB1C	2.58
Multi-Two	-	-	P33W	3.20	DR4A	2.62	K1LZ	2.80	K1LZ	2.80	-	-	LP1H	2.85
Multi-Multi	CN3A	3.50	-	-	M6T	2.55	WG3J	2.25	WG3J	2.25	NH7T	3.39	-	-
Multi-Distributed	-	-	-	-	OR3A	2.31	KR7D	2.31	KR7D	2.31	-	-	-	-

Highest Mults Worked/Total Mults (%) for Stations Operating 36 or More Hours														
Category	Africa		Asia		Europe		N. America		USA		Oceania		S. America	
Single Op AB HP	-	-	UN9L	48%	E7DX	54%	8P5A	49%	ND7K	49%	VK1A	39%	PJ4K	50%
Single Op AB LP	-	-	4X7M	37%	ES7A	46%	WP4X	36%	AC1U	36%	-	-	PZ5DX	45%
Single Op AB QRP	-	-	-	-	ES6RW	21%	-	-	-	-	-	-	-	-
Single Op SB HP	-	-	BD7MM	33%	HG5E	43%	-	-	-	-	-	-	PT5J	52%
Single Op SB LP	-	-	-	-	UT3EV	25%	-	-	-	-	-	-	FY5FY	37%
Multi-Single HP	D4C	58%	RO9O	48%	SJ2W	58%	V47T	52%	KT5J	52%	VK4A	39%	PJ2T	42%
Multi-Single LP	-	-	C49C	36%	DC4A	35%	WP3C	34%	WF4DX	34%	DX3H	13%	CB1C	24%
Multi-Two	-	-	P33W	67%	RU1A	63%	K1LZ	63%	K1LZ	63%	-	-	LP1H	53%
Multi-Multi	CN3A	70%	-	-	M6T	68%	NR6O	53%	NR6O	53%	NH7T	52%	-	-
Multi-Distributed	-	-	-	-	OG66X	48%	KR7D	43%	KR7D	43%	-	-	-	-

Figure 6. QSO point and Multiplier Capture Performance Benchmarks

"How does my score reductions compare to others?" The average score reductions in this contest were 8.6% for single-op and 10% for multi-op entries. These averages help put into perspective the stellar accuracies achieved by the stations identified in Figure 7.

"How can I improve my accuracy?" The major sources of score reductions are incorrectly copying callsigns or received serial numbers. I looked at the log checking reports (LCRs) for the top five stations that had the longest "Stations Copying <callsign> Incorrectly" lists. A total of 763 stations miscopied these five calls. I noticed that the miscopied calls sometimes occurred in blocks, likely stimulated by a bad spot. I next correlated the miscopied calls with DX Cluster spot data and determined that it was likely that 148 (19%) of the miscopied calls were logged within 20 minutes of a bad spot! J62K was particularly impacted – one third of the ops that miscopied J62K did so due to bad spots. I also studied the LCRs of the five stations with the longest "Stations Copying <callsign> Exchange Incorrectly" list. This was eye opening – of the 1187 miscopied serial numbers, 906 (76%) were caused by an error in only one digit. The moral of the story – investing a few more seconds to verify the calls of spotted stations and received serial numbers will improve your logging accuracy.

Call	QSOs
Best 10, No Reduction	
W8GNM	331
N1WRK	321
PA1BX	278
SV2HJW	189
IQ0PH	161
DG7NFX	160
JN1GFR	155
KC1HSE	150
K0EWS	149
JK1NJH	140

Call	QSOs	Reduction
Best 10, Single Op, >1000 QSOs		
SP9XCN	1,736	0.7%
VE7BC	1,797	1.1%
DQ4W (DL1MGB)	1,050	1.4%
DK5DQ	1,910	1.7%
PY2UD	1,642	1.8%
OR2F	1,924	1.9%
NT0EE (N0HJZ)	1,922	2.0%
DH0GHU	1,092	2.0%
WF9A (LZ4AX)	1,892	2.1%
AC9S	1,134	2.1%

Category	Call	QSOs	Reduction
Best Multi-Op by Category, >500 QSOs			
Multi-Single HP	KS9R	1,011	3.0%
Multi-Single LP	WP3C	2,774	4.4%
Multi-2	P33W	12,091	5.1%
Multi-Multi	NH7T	6,749	6.4%
Multi-Distributed	MX4Y	1,750	3.1%
Best Youth and Rookie, >500 QSOs			
Youth	SA6NIA	697	1.6%
Rookie	HA6KG	621	3.7%

Figure 7. Exemplary Log Accuracy

The rate leaders are provided in Figure 8. While no new rate records were established this year, the following stations made it onto the top 20 all-time rates list for their categories: 8P5A (W2SC), ND7K (N6MJ), PZ5DX (RA3CO), LZ73TRC (LZ1YE), D4C, V47T, WP3C, LZ8A, P33W, J62K, K1LZ, CN3A and YT5A. Also, ask WX3B what is like to be "fresh meat." The highlight of his 3 hour operation was hitting a rate of 231 per hour on 20M on Day 2 starting at 1853z.

Call	Rate	Call	Rate	Call	Rate
Single Op High Power		Single Op Low Power		Single Op QRP	
8P5A (W2SC)	292	PZ5DX (RA3CO)	223	LZ73TRC (LZ1YE)	112
ND7K (N6MJ)	274	WP4X (NP4Z)	192	TI2RF	96
CQ7X (CT1ILT)	250	ZF1A (W9KKN)	181	IZ1ANK	79
TI7W (N3KS)	246	IO8W (IZ8EYP)	179	PU2UAF	76
PJ4K (N6KT)	241	XE1CQ	177	Multi-Distributed	
WX3B	231	SP7Y	175	OG66X	253
EW5A (EU1A)	230	ZM4T (ZL3IO)	172	KR7D	233
WK5T (N2IC)	229	CN8SG	167	OR3A	181
P49Y (AE6Y)	227	AC1U (N1UR)	167	MX4Y	139
KL5DX (KI6RRN)	220	PJ5/SP9FIH	165	9M8J	123
Classic High Power		Classic Low Power		Multi-Single High Power	
P49Y (AE6Y)	227	KR5X (K1BX)	160	V47T	279
IP2A (IK2QEI)	218	AA1ON	160	D4C	279
PX2A (PY2LED)	215	ZC4MK	146	KT5J	244
VE3EJ	213	KH6CJJ	138	SJ2W	216
RL4A	205	IQ0PH	124	RL3A	216
Rookie High Power		Rookie Low Power		Multi-Single Low Power	
UD6X	106	HZ1MW	136	WP3C	165
SA3MGL	91	VE3RGO	96	LZ8A	159
DB3MI	84	CA3VAK	88	VQ5P	143
OT6P (ON6PL)	81	BG0DLA	75	WA1F	142
AC1OC	79	VU3FWG	74	C49C	136
Youth High Power		Youth Low Power		Multi-2	
ES9C (YL3JA)	195	LY7J	114	P33W	434
RA9P	191	BD4VGZ	112	J62K	424
YT0C	143	EP4IRN	97	K1LZ	411
SO9I (SQ9ORQ)	140	S50C (S52KJ)	88	Low Power1H	374
YU3MPN	121	SV2TCB	79	9A5Y	348
TB/Wires High Power		TB/Wires Low Power		Multi-Multi	
EB1DJ	204	SP7Y	175	CN3A	551
CT3KN	188	PJ5/SP9FIH	165	YT5A	481
RA3OA	181	WF9A (LZ4AX)	156	M6T	464
MM9I (GM0OPS)	179	UN0LM	151	NR6O	455
SG5Z (SM5GMZ)	176	3V8SS (KF5EYY)	138	LZ9W	426

Figure 8. Peak 60 Minute Rates

Records Tumbled!

Congratulations to the new record holders shown in Figure 9, which includes four new world records and 18 new continental records. The longest standing record to change was in the Single Operator Low Power 15M High Power category from 2000, which is now owned by FY5FY, followed by the Asian Single Operator Low Power All band record from 2007 which went to 4X7M (4Z4AK). Note the "quantum leaps" from the previous records achieved in the Asian Multi-Two (P33W), North American Multi-Two (K1LZ) and North American Multi-Single High Power (V47T) categories.

		New Record		Previous Record		
Category	Region	Call	Score	Call	Score	Year
Single Op High Power 10M	World	PT5J (PP5JR)	19,189,735	PT5J	18,778,994	2023
Single Op Low Power 15M	World	FY5FY	7,298,585	VC3M	5,365,405	2000
Multi-Two	AS	P33W	73,971,841	UP2L	46,044,068	2014
Multi-Single Low Power	AS	C49C	10,259,730	TC7G	4,435,743	2021
Single Op Low Power All Band	AS	4X7M (4Z4AK)	8,551,835	TC3D	8,526,440	2007
Multi-Two	EU	RU1A	38,320,150	ES9UKR	36,746,300	2023
Single Op High Power All Band	EU	CQ7X (CT1ILT)	22,478,463	CQ8X	20,759,765	2014
Single Op Low Power All Band	EU	ES7A (ES7GM)	9,592,404	OM2VL	7,198,514	2015
Multi-Two	NA	K1LZ	46,327,820	WP2Z	34,886,363	2014
Multi-Single High Power	NA	V47T	31,789,908	V47T	24,741,080	2022
Multi-Single Low Power	NA	WP3C	12,281,366	KB3WD	10,457,546	2016
Multi-Distributed	OC	9M8J	1,491,410	4E3X	1,435,548	2021
Single Op High Power All Band	SA	PJ4K (N6KT)	29,119,090	PJ4K	27,568,088	2023
Single Operator Overlays						
Classic High Power	World	P49Y (AE6Y)	15,326,958	PJ4R	12,614,900	2023
Youth Low Power	World	BD4VGZ	4,487,070	LY7K	1,220,102	2023
Youth High Power	AS	RA9P	12,666,876	BG5VAR	157,215	2023
Tribander - Wires Low Power	EU	UZ7C (UT9CZ)	5,811,680	9A3B	4,651,320	2014
Youth High Power	EU	ES9C (YL3JA)	12,822,720	SO9I	6,040,122	2023
Youth Low Power	EU	LY7J	1,552,680	LY7K	1,220,102	2023
Classic High Power	NA	VE3EJ	10,642,560	VE3EJ	7,703,030	2021
Classic Low Power	OC	KH6CJJ	1,933,113	KH6CJJ	540,940	2023
Youth High Power	OC	YC3CZV	132	-	-	-

Figure 9. New World and Continental Records

Some Log Checking Notes

As discussed previously, there was a record turnout for CQ WPX SSB 2024. Another new record was the percentage of QSOs that were checked against other logs - nearly 2.7 million of the 2.9 million QSOs received (+90%). Approximately 95% of the checked QSOs were correct; 2.5% had incorrect received serial numbers; 1.7% had incorrect received calls, and 0.4% were not found in the other stations log.

Disciplinary actions were rare thanks to the integrity and ethics of most operators. The required actions were primarily in three areas. First, operators are reminded to not exceed their license privileges – this includes transmitting on unauthorized frequency, excessive power, or poor signal quality; please note that SDR records were used in the investigations of some of these cases. Second, self-spotting is not permitted in CQ WPX contests. Third, single operators cannot use assistance in the Classic Overlay.

Another note - QSOs must include valid transmitted and received serial numbers if they are to count, and 0000 is not a valid serial number.

In Closing....

The following is from the CQ Newsroom on 30 April 2024:

> *"It is with great sadness that we report the passing on April 27 of Richard A. "Dick" Ross, K2MGA. He was 84. Dick was Publisher of CQ magazine since 1979 and was its editor in the 1960s. As President of CQ Communications, Inc., Dick was also publisher of multiple magazine titles, including Popular Communications, CQ VHF, CQ Contest, WorldRadio Online, Communications Quarterly, CB Radio, Electronic Servicing and Technology, Modern Electronics, MicroComputer Journal, and Music and Computer Educator. In addition, Dick oversaw the production and publication of CQ books and calendars, the CQ Video Library and more. In 2010, Dick received the Dayton Hamvention's Special Achievement Award."*

K2MGA's support to the CQ WPX contests facilitated their growth and success. I believe that the CQ WPX contests will be an enduring part of his legacy.

In other news, we have learned that CQ Communications has suspended operations. Please be assured that the CQ WPX contests will continue under the stewardship of the World Wide Radio Operators Foundation (WWROF) without disruption.

I enjoyed preparing these results as there were so many incredible performances from around the world. However, I was only able to scratch the surface as there are many more accomplishments to celebrate. Please see https://www.cqwpx.com/index.htm for the full listing of scores, plaques, records, rates, and other contest metrics.

It is my pleasure to acknowledge all the volunteers supporting the 2024 CQ WPX SSB contest. They include: ES5TV, F6BEE, G6NHU, I2WIJ, JK3GAD, K1AR, K1DG, K1EA, K5ZD, KM3T, KR2Q, LA6VQ, LU5DX, OH6LI, OK2FD, PA3AAV, S50A, SV1DPI, UX1AA, VE3TM, W0YK, and YO3JR. My thanks to this amazing team.

In closing, I find myself wondering what would have happened if the Sun had cooperated for the full 48 hours of the CQ WPX 2024 SSB contest. Would we have seen more resets of records from the Cycle 24 peak, and if so, how high? It looks like Cycle 25 has some juice, so block out March 29 and 30, 2025 on your calendars for the next CQ WPX SSB contest. Records will tumble!

Photo Gallery

Stefano, IP2A (IK2QEI) and future contester Francesco, #3 in the Classic – HP Overlay

LY5W Antenna Farm (Forrest?) - #7 in Europe, Single Operator Classic Overlay High Power

Mario, DW2KED - #4 in the Philippines, Single Op, Low Power, 40M

Dennis, 4I1EAY - #1 in Oceania, Single Operator, Low Power, 10M

DU2R, Single Op Low Power, 40M - #2 in the Philippines

Top Scores – WORLD

SINGLE OPERATOR HIGH POWER

All Bands

PJ4K (N6KT)	29,119,090
8P5A (W2SC)	26,153,225
CQ7X (CT1ILT)	22,478,463
E7DX (E77DX)	22,314,348
EW5A (EU1A)	19,340,385
UN9L	18,404,937
WU2X (N5DX)	18,320,673
DR0W (DJ5MW)	17,429,952
V26K (AA3B)	17,391,768
EA2W	16,783,422

28 MHz

PT5J (PP5JR)	19,189,735
V31XX (K4XX)	9,702,195
KP2B (EB7DX)	9,561,195
LT3E (LU1DJX)	8,495,304
KW7MM	7,467,219
JG3KIV	7,127,503
P35A (5B4AQN)	6,971,461
4L2M	6,537,743
GM5X (GM4YXI)	5,304,640
S55OO	5,109,346

21 MHz

P43A	12,173,904
DF7A (DL2ARD)	9,208,611
CR6T (CT1ESV)	8,747,924
VC2A (VA2WA)	7,539,231
OG8M (OH8MCT)	7,534,140
IP4M (IK4MGP)	5,540,125
JJ0VNR	4,846,920
YT0C	4,420,185
BD7MM (BA7JA)	4,210,646
SN3A	4,110,528

14 MHz

HG5E (HA1AH)	7,304,140
UW1M	5,493,069
IT9RBW	5,247,165
S51YI	4,279,716
S52WW	4,025,036
EH3CC (EA3O)	3,902,673
TI1K	3,833,488
K5RX	3,231,887
SO7E	2,437,218
YT4B (YT3AAA)	2,417,558

7 MHz

ED5R (EA5Z)	8,346,684
YT1A	7,309,275
IP8A (I8QLS)	6,721,324
YL7X (YL2LY)	3,800,968
TM8A (F8DVD)	3,543,867
S51CK	3,124,953
NP3X (LU8EOT)	3,091,187
HA2KMR	1,910,741
YP0C (YO3CZW)	1,842,234
UC2K (DJ1CW)	1,394,592

3.7 MHz

4L5O	2,350,560
IP0A (IS0JHQ/OK8WW)	1,614,000
S56B	1,586,229
OL4N (OK1DTP)	1,443,456
SQ2PHG	1,165,916
TM4W (F4DXW)	1,120,952
IQ9UI (IT9EQO)	1,043,442
HA1TJ	998,585
YU3DKO	973,516
SN9B (SQ9OB)	967,497

1.8 MHz

LY0UKR (LY7M)	321,012
DQ55DIG (DL3BQA)	304,761
S56X	208,080
SQ7CL	150,060
UA7K	86,436
K1ZM	25,026
YT5T	24,531
WF2W	17,136
CT1AL	1,596
JH9URT	418

LOW POWER

All Bands

PZ5DX (RA3CO)	15,247,344
WP4X (NP4Z)	13,456,476
ES7A (ES7GM)	9,592,404
4X7M (4Z4AK)	8,551,835
EC2DX	8,529,953
PY7ZC	7,158,935
UN4Q	7,058,880
AC1U (N1UR)	7,053,025
PJ5/SP9FIH	6,086,174
TM3Z (F4DSK)	5,851,922

28 MHz

PY2EX	5,224,880
PY2UD	4,167,828
ZZ5K (PP5RT)	4,083,714
LU1DX (LU4DJB)	3,990,168
PU2VLW	2,736,643
VR2T (VR2ZQZ)	2,602,948
TO1Q (F1ULQ)	2,450,144
KP4JA (KP3J)	2,399,082
EA8DED (OH2BP)	2,282,776
PY2HT	2,211,450

21 MHz

FY5FY	7,298,585
PZ5TW (PY8WW)	6,110,999
KP4PUA	3,701,510
UP7L (UN6LN)	2,806,272
FK8GM	2,231,829
LZ4Z	2,147,250
EG3CC (EA3CX)	1,624,428
P43K	1,167,442
4X1VF	1,109,220
N9TGR	1,062,756

14 MHz

5K3L (HK3EA)	1,723,428
SP7Y	1,513,952
IG9ITO	1,387,000
YU5M	1,216,782
UT3EV	1,209,688
IU4ICT	664,812
IZ8EFD	522,288
N8CWU	514,290
PP2FRS	491,169
RZ3Z	402,402

7 MHz

IZ3NYG	566,088
IB2C (IK2AQZ)	490,857
OR7W	472,059
EW7B	462,944
CO2JD	440,912
DL5GA	429,957
DL4VAI	413,292
HZ1TL	411,500
HA6PJ	387,720
IZ1GQI	316,800

3.7 MHz

PF00T (PA2TMS)	946,740
SP2N (SQ2HCW)	377,365
II4C (IK4RVG)	364,610
OK7R (OK1TNM)	325,832
IZ4REF	259,794
OK1AY	239,440
OM5KM	199,717
EA3MR	196,833
DL2LBK	184,265
SP4AWE	140,293

1.8 MHz

HF7A	98,172
YR0B (YO8PS)	63,407
E79D	61,692
E71T	52,632
HA8BE	13,612
RK3E	7,623
S59DR	5,200
DO1UKR	4,437
YU1SDS	3,555
II1R (IW1CBG)	1,980

QRP

All Bands

ES6RW	1,231,072
IZ3NVR	576,576
VA2IW	413,440
YB0SSF	347,007
YW6CQ (YV6BXN)	341,572
GI7JYK (MI5JYK)	327,049
W6QU (W8QZA)	225,488
PA3EOU	219,248
LC5P (LA3NGA)	208,848
IZ4AIF	204,052

28 MHz

TI2RF	610,093
UN4L	509,640
PU2UAF	430,920
UX9Q	149,568
PY2BN	138,244
BH4TQX	133,945
CU4AT	120,474
SY1AEA	97,846
IZ2KPE	93,617
IZ5JLF	82,212

21 MHz

HG1S (HA1DAE)	490,980
TA2IB	272,238
JQ1NGT	88,755
J43N	85,064
RN6LGA	37,030
IZ3KNK	34,848
GW4W (GW4EVX)	31,725
HZ1LG	28,314
JR1NKN	22,250
RK9DO	20,646

14 MHz

ES2MC	477,750
LZ73TRC (LZ1YE)	235,320
YU1NR	154,284
9A1VV	128,547
K3TW	118,552
RA7C	67,116
IO6R (IK6QRH)	55,322
UT1PG	25,004
HB9IQB	22,655
SN40RVG (SP2UUU)	15,345

7 MHz

OK6OK	164,405
VE3BFU	21,682
DU1SH	11,163
YF7RDM	10,800
YT4DX	10,780
4L4NW	4,088
SQ2HNA	3,526
YD9HJD	2,449
JH3DMQ	1,628
E25CRF	1,584

3.7 MHz

OL4W	24,717
GW8C	24,380
SQ9MR	23,793
HB9FWB/P	3,485
9A7RA	288
YO9RYI	154
K3PA	4

1.8 MHz

HA1TI	4,845
IK0XBX	4,371
9A2G	2,808
YP8A (YO8WW)	1,378
UR5FEO	432
DF1TB	108
E70E	84

MULTI-OPERATOR SINGLE-TRANSMITTER

HIGH POWER

D4C	41,515,095
V47T	31,789,908
EI7M	26,365,912
RL3A	25,219,875
LZ5R	20,369,800
SJ2W	19,788,678
KT5J	18,178,416
4Z7Z	17,858,280
RO9O	17,637,492
PJ2T	17,430,379

MULTI-OPERATOR SINGLE-TRANSMITTER

LOW POWER

WP3C	12,281,366
C49C	10,259,730
VQ5P	10,164,242
WF4DX	5,178,285
DC4A	4,748,478
BD7DT	4,545,780
ED3T	4,441,630
LZ8A	3,711,623
CB1C	2,182,630
LY2CX	1,592,500

MULTI-OPERATOR TWO-TRANSMITTER

P33W	73,971,841
K1LZ	46,327,820
RU1A	38,320,150
OM7M	35,914,275
9A5Y	35,025,603
J62K	28,579,752
LP1H	24,710,004
YR8D	22,295,460
S53M	21,916,560
HG7T	19,712,376

MULTI-OPERATOR MULTI-TRANSMITTER

CN3A	99,399,606
M6T	54,887,536
YT5A	40,922,335
DP7D	38,242,816
LZ9W	37,978,908
NH7T	33,921,272
OH5Z	30,124,808
NR6O	21,881,649
TM4Y	14,966,226
NE1C	13,241,371

MULTI-OPERATOR MULTI-DISTRIBUTED

OG66X	12,114,846
KR7D	11,535,825
OR3A	6,181,390
MX4Y	2,798,091
KG5VK	2,375,230
9M8J	1,491,410
SN6E	1,117,333
KT6V	833,413
F5KAY	529,592
DX9M	524,275

ROOKIE

HIGH POWER

HA6KG	656,600
AC1OC	399,600
DM1KM	372,592
OT6P (ON6PL)	369,240
KN6ZZI	365,298
UD6X	335,730
DB4REB	321,204
ER3KAZ (ER3PV)	313,260
SA3MGL	311,253
F4JVT	297,724

LOW POWER

HZ1MW	1,262,718
4X5IC	1,075,655
VE3RGO	731,052
IV3JAK	728,140
KF0IDT	706,006
CA3VAK	654,120
F4JIK	578,400
9A5AFF	500,400
PU1JQY	491,307
IN3JHZ	457,024

CLASSIC

HIGH POWER

P49Y (AE6Y)	15,326,958
VE3EJ	10,642,560
IP2A (IK2QEI)	8,513,615
S53MM	6,102,705
YT3D	5,522,475
NU4E	5,017,524
R5AJ	4,989,285
YU5A (YU1EW)	4,896,276
WS7X	4,877,300
9N7AA	4,361,602

LOW POWER

KR5X (K1BX)	4,383,743
TO1Q (F1ULQ)	2,450,144
ZC4MK	1,686,372
KH6CJJ	1,658,007
N8II	1,605,150
PY2NY	1,472,965
LS7X	1,125,640
IQ8BB (IZ8QNS)	1,053,553
AA1ON	996,496
EW1M	960,680

TRIBANDER/WIRES

HIGH POWER

CT3KN	13,334,625
PA9M	9,616,572
MM9I (GM0OPS)	8,300,331
ZZ2T (PY2MNL)	7,655,674
IK3UNA	7,447,966
EA1L	7,063,698
P35A (5B4AQN)	6,971,461
DK8ZZ	6,332,995
SG5Z (SM5GMZ)	5,835,552
WR9D (KB9UWU)	5,703,600

LOW POWER

PJ5/SP9FIH	6,086,174
UZ7C (UT9CZ)	5,811,680
EB8AH (EA8RM)	5,584,659
3V8SS (KF5EYY)	5,496,624
WF9A (LZ4AX)	4,220,663
SP9XCN	3,423,298
IO8O (IK8UND)	2,632,704
UN0LM	2,372,427
G4GA (G4IRN)	2,224,020
YL4U (YL1ZF)	2,208,690

YOUTH

HIGH POWER

ES9C (YL3JA)	12,822,720
RA9P	12,666,876
SO9I (SQ9ORQ)	4,891,264
YT0C	4,420,185
KD9LSV	2,800,075
YU3MPN	246,370
W7MTH	216,460
OE9SEV	126,984
HA7DR	113,678
NI9F	92,988

LOW POWER

BD4VGZ	4,487,070
LY7J	1,552,680
S50C (S52KJ)	1,440,869
EP4IRN	1,225,561
SA6NIA	603,900
NC8R	449,328
SP3GTP	362,611
HA8TA	359,104
SP6FU	315,104
BA7OLK	206,658