

Number groups after call letters denote following: Band (A = all; an additional A is All Band Assisted; A after each band is Assisted for that band), Final Score, Number of QSOs, and Prefixes. An asterisk (\*) before a call indicates low power. Line scores in italics indicate late log received (past the deadline). Certificate winners are listed in boldface. (Note that the country names and groupings reflect the DXCC list at the time of the contest.)

## 2022 WPX CW RESULTS SINGLE OPERATOR NORTH AMERICA

### United States

District 1			
K1LZ	A	7,686,480	2791 928
AJ1J		7,505,722	2656 973
(OP: K1ZZ)			
KQ2M		7,148,424	2858 894
WU3A		6,551,800	2648 940
(OP: W8UJA)			
AK1W		6,142,712	2533 961
(OP: K5ZD)			
K1M1		6,092,409	2589 867
KAI1S		5,181,422	2188 857
KM1W		4,048,380	1853 714
(OP: W1UE)			
K1AR		3,786,408	1846 774
NB1N		1,889,664	1212 592
WT1M		1,837,945	1175 565
(OP: K1RX)			
AJ1AJ		1,679,964	1336 572
K1TZQ		1,575,802	1175 538
KB1W		1,178,268	973 507
AE1T		1,028,139	946 519
W1AR1		991,935	904 469
W1WEF		965,550	902 471
W3SM		865,176	720 472
WA1T		863,232	821 512
AK1MD		833,899	810 451
KE1VT		818,376	846 488
K2LE		648,440	630 340
W1GD		645,414	601 367
K1ESE		615,459	566 367
K2RB		613,170	696 405
N1RO		335,314	506 301
KB1NO		321,328	398 304
WF1OC		289,395	400 295
(OP: W1RM)			
WX7T		277,182	386 261
(OP: K1RM)			
NB1N		270,112	384 319
WJ1X		262,352	376 304
N1QY		220,651	367 233
KAZKON		216,590	324 242
N1MGO		186,624	335 243
K1KB		167,706	297 231
N1W1H		158,730	281 222
N1M		146,222	275 226
K21M		144,755	291 221
K1TH		129,940	240 178
N1RR		120,643	273 223
K1DJ		107,421	245 183
W8HAP		89,121	225 183
N1N1N		84,898	219 167
K1WR		59,488	158 143
W1TO		58,788	159 138
K1EBY		39,312	119 108
ND1X		34,440	123 120
K1RV		20,710	111 95
W1KM		15,498	98 82
W1S		7,965	61 59
W8HMK		7,965	39 39
K1KI	<b>21</b>	<b>2,288,363</b>	<b>1429 791</b>
W1UK		2,312	34 34
W1OHM	<b>14</b>	<b>25,812</b>	<b>114 108</b>
W1PY1MX		21,809	140 113
AE6J		312	13 13
WK1O	<b>7</b>	<b>2,218,755</b>	<b>1045 595</b>
K1G1		1,089,598	693 439
*KQ1F	<b>A</b>	<b>4,596,647</b>	<b>1087 799</b>
(OP: K1XM)			
*AC1U		3,651,552	1938 744
(OP: N1UR)			
*KR5R		2,393,373	1411 633
(OP: K1BX)			
*NG1R		2,382,282	1529 657
(OP: W1OK)			
*N1EN		1,645,622	1232 571
*K1TR		1,636,944	1166 536
*KM1CC		814,159	822 431
(OP: N1DC)			
*K1MD		496,184	600 367
*KS1J		494,484	489 356
*K1E		450,590	349 342
*K1V1		372,792	524 317
*AC5XK		352,359	512 329
*W1NU		274,000	400 274
*W01N		167,956	279 211
*K1HT		157,641	233 187
*W1DYJ		144,270	259 229
*N1AP1		139,200	240 240
*K1U1		136,939	300 211
*K1AJ		114,576	199 176
*N1D1D		104,342	233 203
*W1M1		85,560	207 155
*K1P1E		79,365	219 165
*W1VKE		77,744	224 172
*W1NSK		74,305	241 193
*K1AV		65,580	169 150
*N1CE0		25,630	130 110
*K1SEC		23,744	141 112
*K1TW		23,500	116 100
*K1SX		23,166	92 78
*N1J1		15,300	83 75
*N1AM		13,500	78 75
*KN1H		10,218	82 78
*K1FGC		9,768	107 101
*K1LHO		9,191	107 101

*W21S		7,820	74 68
*N1DM		6,118	48 46
*KX1X		5,985	37 35
*AJ1DM		4,346	50 41
*W1CVC		2,350	26 25
*W1EM		2,218	61 61
*KM3T		1,377	29 27
*K1ECU		702	27 26
*W1STR		351	13 13
(OP: KM1P)			
*KM1NDY		350	14 14
*W1FWS		200	17 10
*W1COP	<b>28</b>	<b>2,821</b>	<b>95 51</b>
*AB1J	<b>21</b>	<b>85,538</b>	<b>221 198</b>
*KV1J		4,800	53 50
*WB1AEL		450	15 15
*A11TT	<b>14</b>	<b>69,564</b>	<b>215 187</b>
(OP: W1WBB)			
*W2TT	<b>7</b>	<b>168,064</b>	<b>221 208</b>
*KATQYP		90	9 9
(OP: K2COW)			
KR2Q	<b>A</b>	<b>2,788,828</b>	<b>1764 721</b>
WA2CP		2,575,881	1347 693
(OP: K2COW)			
AB2E		2,308,493	1474 649
KE2D		1,785,020	920 599
WR2G		1,397,790	989 558
AS2R		1,341,571	1023 349
W2NO		1,301,228	830 568
WN2O		1,015,584	733 447
(OP: N2GC)			
N2WK		1,000,350	803 494
N2MF		904,050	739 410
WA2OAX		820,356	764 411
K2R2T		779,988	737 434
W2OIB		689,169	604 431
WB2NVR		557,700	591 390
N2SOW		551,000	619 380
WB2NFL		511,360	500 376
N2N2N		502,804	628 373
WN2NN		500,688	600 366
KA2MGE		414,180	579 351
K2NV		371,185	484 295
NE2V		324,405	368 267
WB2PJH		284,660	482 331
WB2WCM		284,445	403 301
WA2MCR		223,573	406 287
AK2S		221,076	348 276
KA2K		213,776	269 248
AB2ZY		189,176	334 259
WT2J		192,052	396 266
N2RC		141,000	250 200
W2JV		138,376	266 208
K3TS		136,510	206 187
K4RUM		116,600	252 200
W2YR		109,400	210 200
N2KHH		101,541	231 187
WQ2N		95,000	280 200
(OP: W2VQ)			
KY2N		78,402	222 179
(OP: N2ZN)			
W2CN		54,831	181 147
W2BT		51,084	149 129
K2QMF		45,588	145 116
N2EM		39,628	122 122
N2AXX		30,360	106 92
KA2DI		11,000	61 55
KF2T		6,731	54 53
W6YR		6,350	51 50
W02X		1,078	23 22
KF2D		912	19 19
K7RB		234	9 9
W2KU		9	10 9
W2XK		48	4 4
K2SSS	<b>21</b>	<b>2,121,668</b>	<b>1323 761</b>
KU2M		1,207,758	978 606
KA2AEY		882	22 21
N2RJ		48	4 4
W2BA	<b>14</b>	<b>1,951,480</b>	<b>1210 742</b>
W2AW		1,880,080	1217 710
(OP: N2PM)			
N2NT		94,377	228 193
AB3CJ	<b>7</b>	<b>2,562,380</b>	<b>1121 639</b>
K2BC		57,375	127 125
*N2UJ	<b>A</b>	<b>843,484</b>	<b>782 433</b>
*N2M2		637,600	685 400
*N2R2S		680,144	685 404
*W2FDJ		404,260	469 340
*K2F2W		304,200	482 312
*W2P2V		304,000	423 320
*W2LQC		246,431	347 263
*N1NQD		232,356	315 268
*K2VZV		220,223	398 261
(OP: W2LC)			
*N2R1		215,364	294 241
*AC2RL		156,891	294 241
*W2DEP		118,600	302 200
*K2D1M		99,702	213 191
*W2DXE		87,780	228 210
*Kv2T		82,004	199 166
*K1D2		61,533	184 159
*W2CLA		60,131	201 157
*K0D2P		56,700	169 150
*KA2F1R		53,482	168 143
*W2DXR		47,750	142 125
*KA21RQ		39,424	168 128
*WA2CHV		31,374	135 126
*WB2HLM		31,302	107 94
*K3WHD		27,798	145 123
*K3WHD		22,464	104 104
*MR2D		19,224	105 89
*K2R2D		12,403	84 79
*AA2AW		11,125	111 89
*NK1N		9,384	80 68
*AI2U		7,194	126 109
*AA2TH		7,020	56 54
*K3SA		7,008	86 73
*KB2UR1		6,164	47 46
*K0D2SGM		6,132	46 42
*K5G2		4,085	43 43
*W2YK		3,800	42 40
*N2BZD		3,136	51 49
*W02MT		2,730	37 35
*K5ZAM		2,077	32 31
*W2YM		1,400	29 28
*W3EH		987	24 21
*KB2GD		462	15 14
*K0D2C		9	9 9
*W2TZ	<b>14</b>	<b>99,696</b>	<b>235 201</b>
*N2EIM		13,158	87 86
*W2NT		12,168	76 72

*K2B2MN		3,458	41 38
*W2JQK	<b>7</b>	<b>169,510</b>	<b>324 253</b>
*W2GX		116,337	172 157
*N2JNK		24,645	94 93
*N2NXX		1	1 1
(OP: N3AD)			
AA3B	<b>A</b>	<b>10,836,378</b>	<b>3661 1071</b>
K3RA		5,647,362	2262 826
N3QE		5,525,370	2381 870
K3M		4,231,059	2059 791
(OP: N3AD)			
KF3P		3,514,576	1590 793
(OP: K3MM)			
K3WJV		3,389,776	1727 758
K3ZO		2,822,657	1458 743
NW3Y		2,592,384	1340 688
W8FJ		2,363,323	1197 731
WK2G		2,269,278	1545 657
N3OC		2,157,078	1447 638
K3MD		2,100,189	1352 637
K2LNS		1,987,776	1339 612
N3FCP		1,922,532	1269 604
K3CTC		1,909,926	1282 626
W3LL		1,807,014	1374 627
(OP: WB4FDT)			
K3UL		1,696,022	1155 601
N3FZ		1,482,520	

*N04K	"	11,194	66	58	K6NR	"	1,601,664	1274	582	N7EPD	"	643,032	714	468	W8BAKW	"	560,303	744	391	W9SE	"	65	5	5
*W3SI	"	4,914	65	63	AJ6V	"	1,575,890	1370	590	K6XT	"	434,250	667	375	K8PK	"	340,119	496	351	W9LY	21	472,175	499	425
*K8DE	"	3,906	44	42	NF6A	"	1,481,800	1119	478	K7JQ	"	260,178	590	309	NIGB	"	320,170	507	317	W9PA	"	94,554	208	206
*N4JEH	"	1,440	47	45						K7GS	"	221,451	315	291						KN9P	"	196	14	17
*W4JB	"	1,218	29	29	WA6KHK	"	1,064,700	1002	525	W7GF	"	183,312	395	268	WBAMCD	"	269,104	361	278	K9GV	14	87,261	218	177
*K4RB	"	12	11	11	W4KRB	"	944,475	810	347	W7WD	"	161,920	389	259	N8AA	"	161,920	389	259	K9MTM	"	48	47	47
*K4NNK	"	96	6	6	W06K	"	886,044	671	564	N7IP	"	135,801	265	237	N0BC	"	135,361	326	223	K9OM	7	798,922	643	449
*A4ANP	7	442,884	462	334						K0DH	"	128,535	207	205	W8PI	"	97,970	202	194	*NEBU	A	1,782,089	1401	663
*K4WW	"	21,728	111	97	KE1B	"	728,538	854	474	W7GES	"	120,750	295	210	K8MEG	"	93,879	220	183	*KYQQ	"	878,712	898	492
*W84FSF	"	55	6	5	K6RC	"	669,222	773	459	K6SEA	"	120,546	227	181	WA8LRW	"	83,213	223	173	*K9CW	"	621,432	711	411
*KEOL	"	35	7	7	NW6H	"	597,698	735	394											*NS9RC	"	496,634	855	394
*N4OO	3.5	19,440	102	80						K7HP	"	109,120	355	220	(OP: K6BIM)									
					N6RY	"	513,936	580	387	N7JUF	"	108,676	281	202	W82RPF	"	68,385	179	153					
					NN6DX	"	440,672	574	376	AA7P	"	103,281	247	198	N8AO	"	56,090	156	158	*W9DCIR	"	415,233	671	351
										K7TRC	"	89,250	355	210	W8IQ	"	42,723	187	141	*N7ZZ	"	383,996	522	350
NUSA	A	7,397,958	3491	986						(OP: N6RC)					W0CG	"	39,437	141	113	*N9UA	"	32,480	456	338
					K6K0	"	407,537	474	377	KE2VB	"	81,144	255	184	K8CMO	"	28,386	146	114	*K9UIY	"	252,840	525	294
KTSJ	"	6,637,306	3160	949	K6PO	"	387,720	535	359	N7GR	"	81,055	324	215	K8LX	"	14,651	111	91	*W89HF	"	217,056	445	266
					KU6F	"	365,668	674	336	K7VIT	"	76,382	249	181	KX8AA	"	12,312	94	81	*W8LLEY	"	73,134	171	153
KN5A	"	5,655,832	2890	914						N9NA	"	71,280	268	190						(OP: K2CUB)				
					K6RIM	"	359,160	485	328	N9NA	"	162,825	221	175	K8RCT	"	7,564	61	81	*K9WA	"	159,120	297	262
AD5A	"	4,027,644	2122	837	N6TO	"	258,075	413	279	AD7XG	"	57,195	160	155	AA5TA	"	5,916	55	51	*W7RQ	"	145,976	270	257
KDSI	"	3,209,976	2085	772	W6SX	"	210,280	513	280	NW7M	"	53,040	224	170	K8KES	"	2,485	38	35	*K9SA	"	143,058	339	226
					NT6X	"	204,372	390	252	W7PV	"	44,548	186	148	K8ESQ	"	2,310	36	35	*K9MA	"	129,570	299	210
N5RZ	"	3,113,014	1983	727	K6YK	"	191,178	344	258	K9PY	"	43,310	184	142	KE8E	"	2,204	42	38	*N9UNX	"	129,310	241	193
WX0B	"	2,981,664	2124	756	K6MM	"	179,219	345	277	W6KGP	"	42,316	206	149	AJ8B	"	1,782	27	27	*W9GL	"	118,035	304	215
					N6GEO	"	125,171	300	199	WN7M	"	38,934	138	126	W8TOM	28	5,148	66	52	*N9SB	"	107,600	309	200
KZSD	"	1,930,494	1606	642	A16Z	"	112,545	231	183											(OP: K7BTB)				
NSTJ	"	1,207,374	1131	534	K6RH	"	89,890	300	237															
N5EE	"	1,200,479	1162	541	K6FA	"	88,605	237	179	N7DSX	"	34,648	144	133	W8OLA	14	80,180	212	130	*W9BD	"	95,592	268	189
W5GN	"	987,460	968	509	K6EFA	"	81,832	258	193	K8TAZ	"	33,875	142	125	N8RY	"	364	15	13	*K9LVS	"	59,472	317	261
KT5C	"	891,632	1097	532	W6KC	"	79,808	263	172	K7UT	"	29,719	149	113	*N8CB	A	1,905,134	1466	623	*W89UGX	"	53,460	224	162
AC4CA	"	865,886	884	487	NN6C	"	70,064	171	151	W7PP	"	25,296	112	102	*AA8CA	"	1,606,416	1347	588	*W9VQ	"	46,580	149	137
K5UV	"	559,767	818	403						W2HZ	"	17,958	93	82	*NN8UA	"	1,246,848	1191	544	*K9YL	"	45,582	173	142
K5TA	"	505,172	623	391	W8GJK	"	59,250	216	150	K7MY	"	12,972	99	92	*K3JT	"	1,034,055	957	495	*W9KM	"	40,221	139	123
N3BB	"	338,011	665	337	NK6A	"	54,670	200	154	N07P	"	11,692	77	74	*W8RQ	"	893,673	1009	459	*K9IL	"	38,480	170	130
K5CW	"	104,535	288	207	AB1U	"	18,088	143	139	W8AT	"	10,281	69	67	*K8BJQ	"	499,626	596	369	*W9EA	"	157,855	323	241
K5MS	"	236,530	400	310						(OP: W6RKC)					W7SLD	"	8,540	82	61	*N8LR	"	29,464	145	116
K5VJ	"	222,794	391	286	W6RGG	"	42,328	208	148	K2RD	"	4,515	48	43	*K8JUB	"	409,024	641	352	*W9NXM	"	27,285	113	107
K0NN	"	208,075	466	287	W6GEE	"	30,856	150	116	WU6W	"	2,079	34	33	*W8MDC	"	404,481	615	357	*AG9A	"	17,459	82	79
KDSJ	"	134,692	352	223	N6WT	"	30,704	125	101	KG7MVH	"	1,131	34	29	*N8PE	"	386,750	589	350	*K7CS	"	15,910	103	86
N5WNG	"	130,416	230	176	K6NV	"	29,766	162	121	KA7MDM	"	1,040	21	20	*K8BL	"	300,014	482	286	*K8BOIN	"	14,356	83	74
N5UI	"	130,301	230	176	NK8N	"	22,088	111	88															
N5CW	"	109,353	288	207	KF6MCX	"	14,112	393	249	N51M	28	240,990	436	290	*K8BPX	"	230,892	426	284	*K9BN	"	10,792	89	76
W2YJ	"	95,118	257	191	K8TR	"	17,298	122	93	NO7R	21	879,674	953	659	*K7DR	"	221,112	389	249	*W9WG	"	10,792	89	76
N5XJ	"	82,044	214	172	N6IC	"	16,744	103	91	(OP: AA7V)					*K3DMG	"	214,890	350	285	*N8CO	"	8,496	60	59
N5EA	"	71,103	232	173	K7KJ	"	14,245	96	77	KN7Y	"	148,204	416	268	*W8JAY	"	187,566	438	258	*K9PMV	"	7,040	59	55
AF5J	"	62,914	221	166	N6GP	"	7,686	68	63	WR5J	14	881,184	1018	548	*AB8OU	"	128,952	297	216	*K9CC	"	4,664	61	53
K5NA	"	62,172	268	132	K6BEW	"	3,984	53	48															
NK5K	"	56,826	191	154	K6GAO	"	2,552	32	22	K6KR	"	5,950	51	50	*AE8TF	"	123,336	308	216	*A89RK	"	2,556	43	36
K3KEK	"	54,922	217	153	W16X	"	2,432	38	30	N6MA	7	456,456	489	312	*N4LSJ	"	123,066	240	159	*N8EDL	"	2,132	45	41
N5UM	"	42,759	170	127	AF6SA	"	2,015	37	31															
WASLHM	"	29,835	152	117	W6DMW	"	1,560	37	30	W6XI	3.5	7,988	56	54	*K8HBV	"	105,780	252	205	*N9VX	"	6,720	30	28
K5LY	"	29,524	148	121	W4NJK	"	493	32	29	*W9JB	A	1,948,013	1439	629	*N8HHG	"	78,754	206	169	*K6PVZ	"	432	16	16
W0ZW	"	20,910	96	82	K6VVK	"	40	5	5	*K6WSC	"	827,050	626	595	*W8YZB	"	66,970	284	181	*K9VUV	"	320	20	20
WASLXS	"	20,564	102	97	K6NA	28	88,690	249	181	*AK6A	"	576,050	660	410	*W8KAN	"	60,648	218	168	*N9YX	"	221	13	13
W0VX	"	17,952	108	88	K6KM	"	5,400	51	45	*K7HBN	"	361,745	492	355	*N8EA	"	43,148	163	134	*K9BLN	"	64	17	16
K7UD	"	16,744	102	92	K6KB	21	44,247	161	147	*W7CM	"	273,258	487	323	*N8FM	"	37,674	162	126	*N9UN	"	50	5	5
K5OKS	"	14,043	82	74	K6GMU	"	2,793	23	21	*N7Y	"	45,676	233	186	*W8RCN	"	37,552	165	118	*N9EDL	"	1,560	27	26
K7IA	"	8,410	61	58	NA6TT	14	2,253,916	1508	747	*W6GWWW	"	19,616	321	264	*K8WVS	"	32,804	165	118	*K7ISP	28	1	1	1
W5RF	"	6,435	60	55						*W7TMT	"	194,310	452	255	*W5DT	"	30,120	144	120					
W5WV	"	3,212	45	44	N6VOH	"	3,120	48	48	*W6W	"	188,034	390	259	*W8DX	"	28,662	120	102	*W9KHH	21	575	25	25
K5PAR	28	780	20	7	NA2CC	"	2,880	37	36	*W4IDX	"	139,755	408	231						(OP: K8GT)				
KN5R	28	133	7	7	K6CA	"	368	16	16	*AF7NX	"	131,124	349	223	*K8BTL	"	22,134	127	102	*W9JUF	14	1	1	1
					*W6TK	A	786,870	879	442	*W7Z1	"	114,800	266											











HA5J	28	491,436	571	396	*IK7RVY	107,440	359	316	*LY2DX	805,376	794	512	LA0CX	572,426	743	433	*SP9KJU	1,708	31	28		
HG1S	21	2,555,784	1333	792	*IU0LD	105,525	248	201	*LY3I	441,045	543	405	LC7X	313,920	524	320	(OP: SP9MDY)					
HA8M		539,189	611	391	*IK5MEP	97,610	341	215	*LY2MC	231,924	458	308	LA7AK	93,060	259	188	*SP7TEX	1,430	27	26		
HAQLZ		84,864	244	204	*IK0PXD	87,468	284	197	*LY3XU	122,265	297	209	LA201	89,480	256	213	*SP8K	756	20	18		
HGSD	14	3,930,192	1907	1008	*IK3GSA	79,373	275	203	*LY2XN	5,898	78	67	LA7SI	55,277	209	167	*SP9VD	220	12	11		
HG9N		3,930,192	1907	1008	*IK2YBN	69,702	225	149	*LY3I	89,382	218	140	LA2BT	46,250	45	125	*SP2EVP	26	29	29		
HG9N		3,611,542	1764	983	*IK0ISD	67,620	184	161	*LY3AB	185,597	349	289	LA8HGA	38,934	150	126	*SP7UTSW	28	18,655	101	91	
HA1AH		3,591,016	1780	949	*I2I0J	63,036	184	153	*LY3B	7,884,128	791	464	LA3TK	10,368	67	64	*SP1UXHMT	180	10	10		
HG0Y		2,939,240	1672	788	*IK6GZF	54,720	183	160	*LY2X	376,204	518	326	LC5Z	12	2	2	*HF7A	99	11	9		
HA8IB		815,232	780	579	*IK2AUK	50,711	201	157	*LY2AT	69,601	206	163	LA9JA	12,045	78	73	*SP3PFF	21	57,252	167	156	
HA8UT	7	38,396	127	116	*IK3MNS	48,906	187	143	*LY3DA	61,776	197	156	LC9A	384,748	670	384	*SN4EE	38,190	155	134		
HA1JT	3.5	820,800	759	450	*IK2SAR	46,468	226	149	Luxembourg				LA2HFA	352,872	549	338	*SP9R	5,262	108	99		
HA8FK		637,065	668	405	*IZ5BSB	41,610	190	148	LA4A	348,450	542	345	LA2BWG	82,593	239	189	*SP7IT	15,840	96	88		
HA4A		571,926	670	398	*IK4BARF	39,552	148	128	LA1NO	15,006	95	82	LA5LJA	81,780	249	188	*SP6DHH	4,982	54	53		
HA8BE	1.8	98,230	264	190	*IK4MTF	35,052	160	138	*LX2KD	46,224	197	144	LA6CF	79,566	214	178	*SQ6A	1,425	25	25		
*HA7UJ	A	2,085,285	1476	845	*IZ2DLV	33,762	110	102	*LX1ER	2,432	32	32	LA5UF	11,223	96	87	*SQ5VCO	27	3	3		
*HA7MF		1,243,875	1052	535	*IK7NXU	29,458	110	103	9H1QG	A	35,862	160	139	LA3ZF	674,276	222	22	*SP4JCC	14	1,050,714	832	651
*HAZE		321,935	495	335	*IK2RLS	26,471	130	103	*9H1AE	14	5,082	71	68	LC1R	1,276	99	40	*SP1R	639,969	675	473	
					*I0WBX	22,466	103	94	Netherlands				LA2XNA	195	13	13	*SP9CXN	105,799	279	241		
					*IK7WQX	22,176	111	96	PA3AAV	A	2,516,736	1579	678	LA6PB	52	14	13	*SP8CGU	52,805	195	179	
					*I0W1RF	22,155	120	105	PA5WT	1,561,238	1254	623	LA6GE	21	53,890	203	170	*SP5ENG	41,216	178	161	
					*IUJJWC	18,042	100	93	PA5MT	769,360	782	472	SN7Q	A	7,272,540	2601	990	*SQ9FY	33,418	163	154	
					*I3UJK	16,932	95	83	PA5WU	10,478	786	472	Poland				*SP6DM	19,488	130	116		
					*IK2AIT	16,000	115	100	PA4VP	706,112	126	92	SN7Q	A	7,272,540	2601	990	*SP6LMO	10,101	101	91	
					*IK3MFL	15,921	90	87	PE6Q	482,289	588	373	SP1NY	1,508,550	1000	565	*SO0A	6,622	80	77		
					*I0YJQR	14,768	70	62	PC3M	411,792	577	373	SO3O	1,015,280	983	518	*S41WO	5,769	212	202		
					*IZ5LH	13,965	119	105	I2TRDP	231,426	447	299	SP3HRN	917,246	923	482	*SQ5W	3,720	68	60		
					*IK2NUJ	10,836	94	86	PAOCT	202,440	399	280	SP3HLM	783,666	643	442	*SN4A	1,672	38	38		
					*I2TFJX	10,804	82	74	PA4Y	168,596	266	226	SP3HMV	739	393	448	*SP8BRT	1,656	46	46		
					*IK4XQT	10,660	102	82	PA5KT	99,588	242	193	SP3JLV	616,902	619	429	*SP9EM	1,188	34	33		
					*IZ3ZLT	8,750	74	70	PA0JW	44,280	166	135	SP4ZA	1,276	22	22	*SP4AAZ	1,025	25	25		
					*I0ROY	6,660	61	60	PA5KJ	44,280	166	135	HF1K	488,818	666	374	*SN6S	7	681,294	715	419	
					(OP: IWOQY)				PA0JW	30,912	126	92	SN6A	466,830	587	390	(OP: SP6ZC)					
					*I0EUB	6,074	70	64	PA0JH	27,084	126	111	SN6A	466,830	587	390	*SN1F	441,501	498	366		
					*I0EAG	5,913	80	73	PA1BX	8,100	58	54	(OP: SP6CES)				*SP9JZT	398,558	496	347		
					*IZ8CLM	5,453	45	41	PE5T	6,048	58	54	SP6A	392,046	585	362	*SP3VT	381,480	510	340		
					*I0W2BZ	5,040	51	48	PA0INA	987	22	21	SP2FAP	373,470	559	354	*SP9OUV	214,851	379	273		
					*IK2CFD	4,888	52	52	PA1CA	987	22	21	SN5N	195,250	430	275	*SP7GOG	149,408	300	224		
					*IZ5JLV	3,403	43	41	PA5MW	13,578	84	73	SP4W	136,710	311	217	*SP9GFM	133,152	285	219		
					*IK0ALT	2,800	38	36	PA4COM	28	125,180	274	210	SP1JQJ	134,756	306	236	*SQ7LQJ	6,802	212	202	
					*I0YJQR	2,179	33	31	(OP: PA3EWP)				SP2XX	130,425	289	235	*SP4F	22,800	106	100		
					*I0V3DLW/P	1,891	33	31	PA6AA	14	113,520	275	240	SP2QW	47,064	172	148	*S07M	456,092	624	364	
					*IK5BSB	1,508	26	26	PA3DDP	5,856	48	48	SP2QW	47,064	172	148	(OP: SP71C)					
					*IZKMY	1,479	30	29	PA3EWP	7	110,290	229	205	SP2QW	47,064	172	148	*SP4AWE	156,980	353	235	
					*I0W2OY	1,352	60	52	*PA2TA	A	1,003,392	988	488	SP5NJ	19,095	101	95	*SP5WAZ	1,104	26	24	
					*IK1YRA	765	17	17	*PC1PM	992,268	998	516	SP5NI	6,820	60	55	*SN0R	1.8	114,695	288	203	
					*IZ2FME	420	14	14	*PC3T	506,324	578	364	SO7M	3,350	76	67	(OP: SQ9JA)					
					*IK2VNP	352	11	10	*PC3T	421,243	419	349	SO7BFC	1,007	25	19	*SQ8MFM	63,042	216	158		
					*I0W5CP	136	8	8	*PA2DK	385,996	603	338	SO6N	28	4,418	54	47					
					*IZ4APU	105	5	5	*PE1EEC	339,355	479	335	(OP: SP54M)				Portugal					
					*IK3OYU	9	3	3	*PC04H	320,974	524	334	SP3CMX	510	20	17	CR6K	14,872,720	4195	1201		
					*IR4Q	28	13,825	91	*PC5Q	305,536	492	308	SN2B	21	1,258,430	92	810	(OP: CT1TL)				
					(OP: IU4MRU)				*PA2W	290,422	499	307	SN2B	21	1,258,430	92	810	(OP: CT7AA)				
					*IZ8BRI	21	629,953	691	491	*PA75DXCC	282,668	465	303	SP5OJ	571,648	576	448	*CR5O	A	2,153,955	1854	848
					*I0W5LA	4,343	45	43	*PA7F	279,289	496	281	SN5X	242,778	383	258	(OP: CT7AL)					
					*I0W5LA	713	23	23	*PC5C	260,469	513	297	SN5X	312	12	12	*CT1DRB	1,363,230	1060	729		
					*IK1ZFO	14	32,760	176	156	*PA9M	244,956	347	298	SP3CW	14	1,087,200	970	800	*CT7AUP	5,650	618	419
					*I0XAF	19,224	102	89	*PG6F	181,896	400	264	SNOW	422,598	101	118	*CT1ELZ	93,730	292	206		
					(OP: IK4ZGO)				(OP: PA0GRU)				SP3CW	14	1,087,200	970	800	*CT1BOH	76,128	210	156	
					*IZ2LTV	12,879	81	81	*PA7KY	99,471	282	213	SP3GY	284,144	408	344	*CT1EHC	17,112	104	93		
					*IK0RMR	2,440	66	61	*PC1DTR	94,122	262	209	SP3OXY	109,725	235	209	*CT7ADG	7,380	69	60		
					*I0Y5YJ	952	36	34	*PC7E	89,610	252	206	SP2HMT	93,186	207	186	*CSSAF	6,600	172	68		
					*IK2SUN	232	12	12	*PG7R	84,972	250	194	SP3A	37,500	174	150	(OP: CT1DD)					
					*I0W5EN	8	2	2	*PA3EWG	84,972	286	194	SP3A	37,500	174	150	*CT7DL3CO	928	32	29		
					*I0W5EN	8	2	2	*PA3DDBS	77,056	241	172	SP9EHL	12,654	75	74	*CT1BWW	28	480	16	16	
					*I0W5EN	8	2	2	*PMDJMH	70,455	242	183	SP2PIK	7	44,082	98	98					
					*I0W5EN	8	2	2	*PA3DGD	61,540	228	170	SP2PIK	3.5	779,898	756	434	Romania				
					*I0W5EN	8	2	2	*PA3EEG	59,150	213	175	SO6MS	535,080	638	392	YO4NF	2,748,273	1940	737		
					*I0W5EN	8	2	2	*PA3EWH	42,910	129	161	SP5CNA	317,034	515	309	*Y0HP	93,208	958	558		
					*I0W5EN	8	2	2	*PA3EWH	42,910	129	161	SN1W	316,287	478	311	YO4WD	856,647	635	509		
					*I0W5EN	8	2	2	*PA3EWH	42,910	129	161	SP3GTS	223	79	45	YO3GNF	425,196	619	372		
					*I0W5EN	8	2	2	*PA3EWH	42,910	129	161	SP3GTS	223	79	45	YO4AR	390,528	694	384		
					*I0W5EN	8	2	2	*PA3EWH	42,910	129	161	SP3GTS	223	79	45	YO9AYN	255,430	401	287		
					*I0W5EN	8	2	2	*PA3EWH													















# Looking Ahead

Here are some of the articles we're working on for upcoming issues of **CQ**:

- So You Want to Go on a DXpedition?
- MF/LF – A Visit from Murphy
- A Low-Voltage Transformer
- A Low-Resistance Ohmmeter

### Plus...

- Rules, 2023 CQ WPX RTTY Contest
- 2022 CQ Index

### Upcoming Special Issues

February: QRP

June: Take it to the Field

October: Emergency Communications

*LS5H	A	900,576	680	424
*LV1F	*	452,184	548	332
*LU6ETB	*	480	15	15

<b>OCEANIA</b>				
Indonesia				
*YD2UWF	28	401,792	211	170
*YC1LJT	21	63,245	157	139

<b>SOUTH AMERICA</b>				
Brazil				
*PY2POA	A	80,613	199	159

<b>MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER NORTH AMERICA</b>				
United States				
District 1		1,095,941	898	473
NC1CC		574,655	609	437
N1SOH		245,756	418	262

<b>United States</b>				
District 2		12,942,860	3979	1124
NY6DX		3,372,660	1729	820
W2ZQ		9,381	59	59

<b>United States</b>				
District 3		3,821,148	1974	812
ND3D		3,036,819	1527	733

<b>United States</b>				
District 4		5,184,927	2391	913
N4QS		3,907,139	2034	821
N4UQ		2,864,533	1832	721

<b>United States</b>				
District 5		1,836,145	1491	653
KJ5Y		1,538,195	1443	641
N6M1		443,800	506	350

<b>United States</b>				
District 6		1,538,195	1443	641
N6M1		443,800	506	350

<b>United States</b>				
District 7		5,585,120	2408	930
KU1CW		3,139,830	1912	783
KU7T		2,445,290	1496	147

<b>United States</b>				
District 9		1,223,379	1335	543
KV3T		1,123,379	1335	543

<b>United States</b>				
District 0		148,512	529	312
AD2LI		148,512	529	312

<b>Canada</b>				
District 3		956,250	715	450
VE3YAA		956,250	715	450

<b>Canada</b>				
District 7		1,988,928	1330	576
VE7SAR		1,988,928	1330	576

<b>Cayman Islands</b>				
ZF1A		14,483,864	4405	1124

<b>AFRICA</b>				
Cape Verde				
D4Z		18,939,090	4557	1158

<b>ASIA</b>				
Asiatic Turkey				
TC3X		3,053,474	1541	557

<b>China</b>				
JA1ZGO		1,348,113	1069	507
JA1ZGP		2,784	30	29

<b>China</b>				
District 3		78,526	209	142
JL3ZHU		78,526	209	142

<b>China</b>				
District 6		2,192,701	1429	613
JG6YLY		2,192,701	1429	613

<b>Kazakhstan</b>				
UP2L		17,128,440	4246	1176

<b>Thailand</b>				
E2A		4,578,380	2412	741
E2E		793,520	889	436

<b>West Malaysia</b>				
9M2S		2,975	39	35

<b>EUROPE</b>				
Austria				
OE1XTU		5,929	51	49

<b>Bosnia-Herzegovina</b>				
E7DX		13,296,781	4035	1247

<b>Czech Republic</b>				
OK5Z		9,199,883	3081	1141
OK7O		8,517,360	2988	1104
OL1C		2,488,650	1588	706

<b>England</b>				
MX4U		1,174,056	1129	588
M6N		20,384	100	91

<b>Fed. Rep. of Germany</b>				
DA2X		7,744,614	2639	1074
DP6A		6,546,384	2482	1014
DL0LA		6,238,990	2477	985
DB2WD		947,488	807	464
DQ9M		290,784	507	312
DM1T		282,953	449	319

<b>Finland</b>				
O1SSVM		8,640	72	64

<b>France</b>				
TM1D		347,446	479	374

<b>Hungary</b>				
HG8N		10,375,088	3581	1136
HA3DX		5,904,490	2448	955

<b>Italy</b>				
I18K		8,673,032	3516	1182

<b>Moldova</b>				
ER3R		1,403,384	1134	607

<b>Norway</b>				
LN4BBC		242,888	576	313

<b>Poland</b>				
SP8R		10,306,780	3520	1210
SP6ZHP		187,726	428	253

<b>Slovak Republic</b>				
OM5WW		4,198,738	2033	828
OM4Q		2,656,428	1601	732

<b>Spain</b>				
ED7W		11,123,304	3761	1194

<b>Sweden</b>				
SJ2W		7,250,850	3211	1107
SK0QQ		1,798,950	1300	670

<b>OCEANIA</b>				
Indonesia				
7A2A		4,376,440	2108	670
7A0D		191,070	307	193

<b>SOUTH AMERICA</b>				
Brazil				
PR2E		12,454,074	3568	1062
ZZ7A		5,519,457	2144	813

<b>Chile</b>				
CE3CT		4,507,161	1800	739

<b>MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER NORTH AMERICA</b>				
United States				
District 2		20,520	98	95

<b>United States</b>				
District 9		89,056	300	184
*KA9VVQ		89,056	300	184

<b>Canada</b>				
*VA7MM		3,712	36	32

<b>ASIA</b>				
Asiatic Russia				
*BY4DX		1,362,938	1284	523

<b>Japan</b>				
*JA8GCE		3,319,845	1851	705
*JA6YLP		2,844	37	36

<b>Kazakhstan</b>				
*UN4Q		7,613,994	2716	867

<b>West Malaysia</b>				
*9M2U		216,908	403	257

<b>EUROPE</b>				
Bosnia-Herzegovina				
*E7CW		1,907,220	1176	717

<b>Bulgaria</b>				
*LZ6O		987,044	1035	508

<b>Czech Republic</b>				
*OL1B		160,060	377	265

<b>Denmark</b>				
*OZ1JSLA		1,255,680	1023	545

<b>Fed. Rep. of Germany</b>				
*DP7D		2,570,020	1364	755

<b>France</b>				
*F8KLY		613,080	706	468

<b>Hungary</b>				
*HG22TISZA		2,856,846	1685	782

*HG5C		2,586,337	1647	703
*HG6L		1,436,330	1039	578
*HA5KLR		10	3	2

<b>Latvia</b>				
*YL4U		3,886,245	2185	815

<b>Lithuania</b>				
*LY5W		4,628,680	2233	920
*LY2J		3,375,952	1910	821

<b>Poland</b>				
*Z3Z1K		1,826,895	1369	635
*SP2ZOC		34,320	172	156
*SN150JS		17,748	115	102
*SP9PBB		4,928	49	44

<b>Republic of Kosovo</b>				
*Z68BCC		2,254,808	1954	614

<b>Romania</b>				
*YO4KAK		7,700	80	77

<b>Slovenia</b>				
*S68MU		1,913,620	1475	587

<b>OCEANIA</b>				
Indonesia				
*7B1K		666	19	18
*7A9Y		75	5	5

<b>Philippines</b>				
*DX9EVM		319,713	486	237

<b>MULTI-OPERATOR TWO-TRANSMITTER NORTH AMERICA</b>				
United States				
N14W		13,354,120	4592	1220
K8CT		11,896,596	4218	1183
KC7V		8,248,756	3832	1046
NX6T		7,584,168	3625	1032
WD6T		6,810,027	2869	973
KK6P		5,090,837	2766	863
N7DX		4,323,942	2419	837
WG3J		2,690,840	1710	720

<b>NORTH AMERICA</b>				
VC7M		8,675,924	3127	967
VX7GL		7,079,743	2721	869
*VX9ML		4,747,440	1754	755
VC8R		3,729,957	1962	737

<b>ASIA</b>				
BH3GIY		1,403,904	1343	512
BD4QA		654,884	868	404
BY1OK		373,750	671	325
*BY6LY		111,150	303	190

<b>EUROPE</b>				
ES9C		18,247,320	5978	1365
IQ2CJ		17,908,800	5202	1300
OL3Z		15,594,524	4895	1283
HG7T		15,153,544	4858	1247
QD1A		13,982,564	4317	1214
IB8A		11,943,270	4365	1179
DM6V		11,814,625	3728	1175
9A22Y		11,720,034	3774	1198
9A22Y		11,572,818	3699	1173
LY4A		9,780,121	3969	1157
DP9A		9,555		