



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
<b>Single Op High Power CW</b>							
1	KR2AA	NLI	226	0	226	49	22,948
2	AC6ZM	TN	198	0	198	45	18,620
3	W2NO	NNJ	166	0	166	49	16,668
4	N3JT	VA	151	0	151	45	14,390
5	VE3KP	ONE	129	0	129	41	10,978
6	N1NN	EMA	119	0	119	38	9,444
7	VE3NNT	ONE	112	0	112	37	8,688
8	W4SPR	SFL	103	0	103	37	7,822
9	W4VIC	VA	81	0	81	43	7,166
10	N8AA	OH	79	0	79	33	5,814
11	W3TB	TN	72	0	72	36	5,584
12	N5RZ	STX	74	0	74	31	4,788
13	K4WW	KY	64	0	64	32	4,296
14	K5TIA	STX	66	0	66	27	3,764
15	AA4DD	TN	52	0	52	27	3,008
16	W7LKG	WWA	52	0	52	28	2,912
17	W3US	NFL	45	0	45	27	2,630
18	AF5J	STX	48	0	48	23	2,408
19	NA4J	NC	35	0	35	24	1,880
20	W7GF	OR	40	0	40	20	1,800
21	K8LF	VA	30	0	30	20	1,200
22	KN7Y	AZ	33	0	33	16	1,056
23	NC4S	NC	23	0	23	16	936
24	W4ZGR	SFL	29	0	29	16	928
25	K9RS	DE	24	0	24	17	816
26	AC0E	KS	22	0	22	14	616
<b>Single Op Low Power CW</b>							
1	VE9VIC	NB	205	0	205	51	22,110
2	K2ZR	WNY	206	0	206	51	21,612
3	K9CW	IL	162	0	162	47	16,028
4	VE2FK	QC	170	0	170	43	16,020
5	NM2A	WNY	160	0	160	46	15,120
6	VE3AQ	GH	158	0	158	44	14,704
7	K3YP	OH	150	0	150	45	14,300
8	KM5G	AR	157	0	157	41	13,474
9	WA1UJU	MI	145	0	145	42	13,380
10	WA3FAE	MDC	136	0	136	42	12,024
11	W1QK	CT	139	0	139	40	11,520
12	K4ORD	VA	130	0	130	40	10,800



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
13	WA9LKF	IL	106	0	106	45	9,940
14	WB2FUV	ENY	114	0	114	41	9,748
15	K3GHH	NNY	109	0	109	41	9,338
16	KD2KW	NTX	119	0	119	37	8,806
17	NK4O	SFL	119	0	119	36	8,768
18	N8DNA	OH	97	0	97	41	8,554
19	KG9X	IL	106	0	106	37	8,444
20	WO9B	WI	94	0	94	39	7,932
21	K4FT	SC	98	0	98	38	7,848
22	K2QB	WNY	97	0	97	37	7,378
23	VA3FN	ONS	84	0	84	37	6,616
24	N3CKI	NC	96	0	96	33	6,536
25	W1FJ	EMA	82	0	82	35	6,140
26	SP1AEN	DX	86	0	86	34	6,048
27	KM4FO	KY	84	0	84	34	5,912
28	KE0TT	MN	80	0	80	33	5,680
29	KU1N	WMA	86	0	86	31	5,532
30	KB9S	WI	69	0	69	34	5,092
31	EA3FZT	DX	93	0	93	27	5,022
32	AA4NP	SFL	70	0	70	33	5,020
33	SM7CIL	DX	75	0	75	31	4,850
34	AB9CA	IN	64	0	64	31	3,968
35	KB3FW	SC	58	0	58	29	3,764
36	K2NV	WNY	60	0	60	31	3,720
37	K8GT	MI	55	0	55	27	3,570
38	K5AEM	NTX	56	0	56	25	3,000
39	K4AMC	TN	47	0	47	30	2,820
40	W1END	NH	47	0	47	27	2,738
41	N9NM	STX	50	0	50	25	2,700
42	KI6OY	EB	49	0	49	25	2,650
43	WB8JAY	OH	39	0	39	27	2,506
44	N4IU	NFL	48	0	48	25	2,400
45	W8EWH	MI	38	0	38	27	2,252
46	N6GP	ORG	41	0	41	24	2,168
47	W4CMG	TN	40	0	40	22	2,160
48	NE5A	OK	43	0	43	20	1,920
49	VA3EC	GH	36	0	36	23	1,856
50	KN4JN	SFL	38	0	38	21	1,596
51	KA0PQW	MN	37	0	37	21	1,554
52	NF8M	MI	25	0	25	16	1,200
53	K7ROG	AZ	31	0	31	19	1,178



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
54	WB2AWQ	NV	32	0	32	18	1,152
55	KA3EHL	NFL	29	0	29	19	1,102
56	WB2AIV	WNY	27	0	27	20	1,080
57	N8VV	OH	23	0	23	17	982
58	W9WE	IL	27	0	27	17	918
59	K0WRY	KS	23	0	23	14	844
60	AE1T	NH	23	0	23	18	828
61	N7SE	CO	24	0	24	16	768
62	K2MN	SNJ	17	0	17	13	642
63	W8OV	NTX	21	0	21	15	630
64	W1ARY	CT	17	0	17	14	476
65	VE3EY	GH	16	0	16	14	448
66	N5FZ	STX	17	0	17	13	442
67	NG4L	WCF	15	0	15	12	360
68	KB4DE	SC	14	0	14	12	336
69	K0TC	MN	14	0	14	12	336
70	KA2WIK	WNY	14	0	14	11	308
71	AF0E	CO	14	0	14	10	280
72	NN1DX	CT	12	0	12	11	264
73	N7VS	OR	11	0	11	11	242
74	NX4N	SFL	11	0	11	10	220
75	VE3JZT	ONS	2	0	2	2	208
76	WD8RYC	TN	8	0	8	7	112
77	SQ9MZ	DX	6	0	6	5	60
78	NM5N	NTX	6	0	6	5	60
79	OK1FCA	DX	5	0	5	5	50
80	AI5G	NTX	5	0	5	5	50
81	W7QF	OR	4	0	4	4	32
82	KB7AK	WWA	5	0	5	3	30
83	N9EDL	IN	3	0	3	3	18
84	KD0FNR	SF	3	0	3	3	18
85	WD4FMG	VA	2	0	2	1	4
86	SP9TS	DX	1	0	1	1	2

### Single Op QRP CW

1	KR4AE	GA	116	0	116	40	18,560
2	NI8W	OH	96	0	96	44	17,096
3	N4IJ	NC	102	0	102	38	15,704
4	AC2YD	NNJ	81	0	81	37	12,388
5	KU4A	KY	59	0	59	31	7,516
6	N2EIM	NNJ	50	0	50	31	6,600



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
7	K0UU	MN	54	0	54	29	6,264
8	KK4UZK	VA	47	0	47	30	6,040
9	KY0Q	IL	41	0	41	25	4,100
10	N4NTO	SNJ	20	0	20	16	1,280
11	KI4MZC	GA	11	0	11	10	440
12	W9SAU	IL	2	0	2	2	16

### Single Op High Power SSB

1	KK4ADQ	VA	0	239	239	66	16,974
2	KZ3P	SC	0	243	243	64	16,752
3	WA2DNI	NLI	0	235	235	64	15,840
4	K2PM	MI	0	186	186	66	12,676
5	N8OZY	WV	0	132	132	58	8,856
6	K8GVK	MI	0	105	105	53	6,365
7	N2YG	NLI	0	107	107	53	6,071
8	K4QQG	SC	0	69	69	41	3,829
9	K1GMM	VT	0	66	66	49	3,234
10	WA1ZYX	NH	0	58	58	41	2,778
11	WW5L	LA	0	56	56	33	2,648
12	W4KW	TN	0	43	43	31	1,533
13	KE8NBC	OH	0	37	37	25	1,325
14	KE6GFI	AZ	0	34	34	27	1,318
15	K2NTH	ENY	0	40	40	29	1,160
16	K9QJS	TN	0	30	30	20	1,000
17	K0RJW	MN	0	30	30	26	980
18	N3OJP	WNY	0	25	25	24	800
19	K6DAV	SJV	0	17	17	15	655
20	WD4AMC	GA	0	11	11	10	310
21	N1IBM	VT	0	5	5	5	225
22	NN6U	SCV	0	3	3	3	9
23	K5ZZR	OK	0	3	3	3	9
24	W7CO	OR	0	2	2	2	4
25	VE2GT	QC	0	2	2	2	4
26	KI5YZN	LA	0	2	2	2	4

### Single Op Low Power SSB

1	VA3IDD	ONS	0	232	232	65	16,480
2	AJ4LN	VA	0	206	206	62	13,972
3	KB3MJ	DE	0	165	165	67	11,655
4	N1TL	VA	0	187	187	58	11,446
5	N1ABY	CT	0	170	170	55	10,350



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
6	KC1QEM	EMA	0	154	154	54	9,316
7	WO3X	OH	0	121	121	59	7,939
8	KB1RVU	CT	0	127	127	54	7,458
9	K2HVE	SNJ	0	81	81	60	5,460
10	KN4UND	VA	0	81	81	45	4,445
11	K4SBZ	NFL	0	80	80	41	4,280
12	K3GWK	GA	0	80	80	40	4,200
13	WA9YI	IN	0	70	70	51	3,770
14	WA9TMU	IN	0	71	71	42	3,382
15	K8NW	OH	0	64	64	42	3,288
16	K4WWP	VA	0	62	62	40	2,680
17	VA3PC	ONS	0	52	52	35	2,420
18	N8QE	OH	0	56	56	35	2,360
19	W4DUK	VA	0	50	50	39	2,350
20	AB1XQ	VT	0	57	57	37	2,309
21	N2MTG	ENY	0	51	51	35	2,185
22	KA3WZY	SC	0	47	47	27	2,069
23	AJ4HP	NFL	0	47	47	31	1,857
24	KC1IEB	WMA	0	41	41	30	1,830
25	KM4IAJ	VA	0	46	46	35	1,810
26	KI4LLA	VA	0	35	35	32	1,520
27	N1ADX	WMA	0	41	41	31	1,471
28	KN4FAW	MS	0	36	36	24	1,464
29	KA9GDW	IN	0	41	41	28	1,348
30	KB8DX	WV	0	36	36	34	1,224
31	K4JSK	NC	0	39	39	31	1,209
32	K8CY	OH	0	30	30	25	1,150
33	VE1RGO	NS	0	34	34	22	1,148
34	KO4UMQ	KY	0	30	30	24	1,120
35	AA4WX	TN	0	30	30	23	1,090
36	NOYMS	KS	0	25	25	19	1,075
37	VE9RLW	NB	0	22	22	16	952
38	KE8DNF	OH	0	27	27	26	902
39	K5MAY	NTX	0	30	30	23	890
40	VA3PMH	ONS	0	23	23	22	706
41	WT8E	OH	0	26	26	19	694
42	VE2KLW	QC	0	24	24	20	680
43	ON6MAT	DX	0	14	14	12	568
44	HA3FHH	DX	0	14	14	10	540
45	N7MZW	WY	0	20	20	16	520
46	VE9CZ	NB	0	18	18	14	452



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
47	KA5VZG	TN	0	14	14	13	382
48	WO2Y	SNJ	0	19	19	18	342
49	KF5IVJ	NTX	0	11	11	10	310
50	KD9KEQ	WI	0	19	19	16	304
51	N7AME	WWA	0	7	7	6	242
52	WZ6ZZ	EB	0	6	6	6	236
53	N0ZTO	CO	0	6	6	6	236
54	N0JNM	MN	0	4	4	4	216
55	WA9PND	WI	0	15	15	14	210
56	KF0CCI	SD	0	13	13	11	143
57	AJ6CE	SF	0	11	11	9	99
58	K9ELF	IN	0	10	10	9	90
59	NF2Q	ENY	0	9	9	9	81
60	N9EAT	IL	0	9	9	9	81
61	KC1SPC	CT	0	9	9	9	81
62	KC5VKG	KS	0	8	8	8	64
63	W5RIR	NTX	0	7	7	7	49
64	KJ4YLR	KY	0	7	7	7	49
65	KD7WNV	NV	0	7	7	7	49
66	WA4JA	NFL	0	6	6	6	36
67	NR0P	KS	0	6	6	6	36
68	N0XMD	OH	0	6	6	6	36
69	W8KRZ	VA	0	5	5	5	25
70	WN8Y	TN	0	4	4	4	16
71	KI5ZKK	MS	0	4	4	4	16
72	DG4MCB	DX	0	3	3	3	9
73	AA5AH	NTX	0	3	3	3	9
74	KG7WFQ	WWA	0	2	2	2	4
75	KI5ZNS	STX	0	1	1	1	1
76	KG5KRV	STX	0	1	1	1	1
77	K7JKM	OR	0	1	1	1	1

### Single Op QRP SSB

1	W8BT	VA	0	141	141	59	17,438
2	N2TO	NNJ	0	13	13	12	512
3	W9GPB	IL	0	13	13	11	486
4	WN1C	WI	0	13	13	10	260

### Single Op High Power Mixed

1	OM2VL	DX	285	215	500	63	52,255
2	W2TB	WNY	105	198	303	67	28,536



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
3	WO2X	NNJ	45	271	316	67	25,387
4	N2MF	WNY	125	152	277	60	24,920
5	KV0I	NE	135	118	253	59	23,892
6	NN2NN	WNY	104	124	228	67	23,844
7	AA3R	DE	119	115	234	61	23,133
8	N4CW	NC	155	35	190	57	20,465
9	N3KN	VA	88	119	207	63	19,985
10	K4BAI	GA	150	46	196	54	19,684
11	K5CM	OK	179	38	217	48	19,608
12	WA2CP	NLI	46	186	232	64	18,792
13	W1TO	WMA	96	96	192	59	17,992
14	WF3T	KY	123	30	153	47	14,172
15	W1GD	WMA	91	53	144	54	13,490
16	KD2EPM	SNJ	112	3	115	40	9,880
17	KF8MZ	OH	32	91	123	53	9,215
18	W3GQ	NC	49	35	84	58	8,314
19	WM3A	MDC	29	95	124	52	7,956
20	W0BH	KS	62	43	105	41	7,447
21	N5KW	OK	86	14	100	37	7,282
22	N3FJP	MDC	21	79	100	53	6,813
23	K1BZ	ME	45	61	106	41	6,791
24	K3IE	TN	50	25	75	37	5,025
25	KA3MTT	KY	19	54	73	47	4,724
26	K4NMR	WCF	42	19	61	36	3,908
27	AA4TI	WCF	50	15	65	32	3,680
28	N3MN	VA	11	53	64	43	3,425
29	AD4EB	TN	41	9	50	27	2,857
30	KA6BIM	OR	42	9	51	27	2,511
31	K4QPL	NC	27	22	49	28	2,128
32	N7EPD	WWA	40	5	45	25	2,125
33	N5EKO	STX	33	16	49	25	2,050
34	KF6NCX	SV	42	3	45	23	2,001
35	W1SSN	CT	1	40	41	32	1,944
36	K3PA	KS	10	30	40	25	1,850
37	K3NT	NTX	22	14	36	25	1,650
38	NS4X	TN	28	3	31	22	1,298
39	WO4O	NFL	24	8	32	22	1,232
40	N7WY	MO	13	9	22	17	795
41	VE5MX	SK	12	6	18	16	680
42	F5NBX	DX	7	4	11	8	144



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
<b>Single Op Low Power Mixed</b>							
1	N8II	WV	188	354	542	67	50,910
2	WN4AFP	SC	190	117	307	63	33,711
3	WA2MCR	ENY	101	250	351	66	31,632
4	N2RC	ENY	148	107	255	64	26,992
5	W9QL	IL	101	171	272	66	26,218
6	W2LC	WNY	148	142	290	55	25,490
7	WB9HFK	IL	150	79	229	55	22,245
8	AD8J	NC	152	55	207	54	20,386
9	VE3MV	GH	123	82	205	58	20,024
10	N2HMM	NNJ	103	100	203	60	19,360
11	N3FTO	SNJ	55	163	218	65	19,145
12	KA2FIR	NNJ	71	129	200	61	17,731
13	KA3JNN	MDC	105	80	185	55	16,950
14	W8PI	MI	100	62	162	60	16,920
15	KB4CG	VA	103	63	166	49	14,381
16	K3KU	MDC	87	82	169	53	14,368
17	KE2D	SNJ	121	24	145	47	13,302
18	WA8KAN	WV	101	55	156	49	13,193
19	W1AUV	WMA	51	109	160	57	12,827
20	WA8ZBT	NTX	105	44	149	45	12,630
21	WA2JQK	ENY	59	92	151	55	12,550
22	KG3V	VA	71	71	142	54	12,302
23	K4DR	TN	76	65	141	49	11,233
24	KD2JC	NNJ	68	58	126	53	10,682
25	K8MR	OH	94	44	138	43	10,576
26	K2AL	NNJ	70	61	131	46	10,246
27	KX1W	SNJ	26	122	148	52	9,848
28	VE3FP	ONS	77	30	107	49	9,416
29	N1XI	NC	54	66	120	44	8,256
30	K1VUT	EMA	59	46	105	47	8,108
31	VA3OOL	ONS	9	106	115	62	8,088
32	W0BR	KS	50	61	111	47	7,967
33	KA0REN	MO	59	44	103	43	7,966
34	N3SW	VA	36	46	82	60	7,680
35	K4FTO	VA	71	28	99	40	7,600
36	K3YDX	NC	64	33	97	42	7,162
37	ND2K	NNJ	36	57	93	46	6,334
38	N9HDE	IA	86	15	101	31	5,997
39	NC3Y	MDC	53	39	92	38	5,910
40	VE3HZ	ONS	7	77	84	51	5,241





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Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
41	KA2FHN	WNY	4	76	80	51	5,084
42	WA8ZNC	WWA	64	18	82	31	4,726
43	N4QI	SC	41	23	64	37	4,085
44	K0EA	MN	54	15	69	33	4,059
45	W2LCQ	NLI	55	11	66	30	4,030
46	K5YX	NTX	48	21	69	33	3,861
47	KB3A	AL	28	34	62	33	3,770
48	KE8RXN	MI	45	6	51	32	3,272
49	AA8IA	OH	37	8	45	31	2,942
50	VA3RKM	ONE	49	6	55	28	2,912
51	W0PI	MN	55	2	57	24	2,688
52	KC2WUF	NNJ	26	27	53	31	2,649
53	KW4GF	VA	30	12	42	27	2,544
54	VE3KOT	GH	36	6	42	25	2,150
55	VA3RSA	GH	24	16	40	28	1,992
56	VA3NGE	ONE	22	17	39	23	1,603
57	WA9LEY	IL	31	5	36	22	1,474
58	N6YEU	SF	26	9	35	21	1,281
59	N8BZN	MI	0	29	29	23	1,067
60	KD2KEH	WNY	5	25	30	24	1,040
61	KC2GOW	NLI	17	13	30	22	1,034
62	K0XF	CO	25	6	31	17	952
63	KC2KWA	NC	18	9	27	21	945
64	KB6NU	MI	20	7	27	20	940
65	K4VBM	GA	21	5	26	19	893
66	N0GN	STX	18	2	20	16	608
67	K3JSJ	MDC	12	10	22	17	578
68	VA3IJK	ONS	1	9	10	8	288
69	K8II	WV	3	2	5	4	32
70	K6BBQ	SF	0	5	5	4	20

### Single Op QRP Mixed

1	K2YG	NNJ	116	81	197	59	38,134
2	AI2S	WNY	89	22	111	47	19,000
3	AE2T	WNY	70	16	86	45	14,440
4	K3TW	NFL	55	19	74	38	10,204
5	KX3H	WI	39	11	50	28	5,384
6	WQ6X	SDG	47	2	49	22	4,224
7	W4IDX	AZ	21	1	22	16	1,376
8	N0LMQ	MO	6	2	8	8	224



## 2023 Pennsylvania QSO Party Out of State Scores by Category



Rank	Callsign	Section	CW	Ph	Total Q	CTY	Score
<b>Multi Op High Power</b>							
1	W1FM	EMA	150	178	328	65	33,070
2	K3PAX	MDC	59	229	288	62	22,714
<b>Checklog</b>							
	AA1K	DE					
	KC9GLR	IN					
	KJ9C	IN					
	W2VM	WNY					
	W3SA	NC					
	WI0WA	IA					