

The 2020 Ohio QSO Party

And what a party it was! Another late summer on the air festival for the Buckeye State turned out to be a record setter. There were three big reasons: (1) The State QSO Party Challenge, www.stateqsoparty.com, which has boosted interest and activity in QSO parties all around the country; (2) That in 2020 August had five full weekends, opening up our fourth Saturday for clear sailing from competition from other contests, and (3) the COVID pandemic which led to many people canceling other plans to stick close to home, which can mean close to the radio!

The SQP Challenge will still be around in 2021, the 2021 calendar reverts to only four weekends, and we all hope the COVID pandemic will have gone away and we all can return to more normal lives. But we do hope that all of you who stopped by for the 2020 OhQP will remember to come back in future years!

2020 OhQP REPORTED QSOS PER BAND AND MODE

	160	80	40	20	15	10	Total
CW:	2,379	18,566	17,136	7,945	22	24	46,072
SSB:	229	13,511	9,729	4,078	3	32	27,582
	2,608	32,077	26,865	12,023	25	56	73,654

This is more that double the total of 34,000 QSOs in the 2019 OhQP!

The top Ohio scores were from a pretty familiar OhQP bunch. Single operators Bob Hayes, KW8N from Lorain county in the high power category, and Jim Galm, W8WTS from Geauga county in the low power category both set new records in those classes. Paul Hurm, N8OT from Butler county was once again the top QRP entry. Vic Keane, K1LT of Fairfield county again had the top CW score. In the SSB category first time winner Ken Moak, KM8AM, took the honors from Champaign county. This, however, was not the first time for a Moak family win: Ken's XYL Karen, KM8Q, now a silent key, was the phone winner in the 2015 and 2016 OhQP.

The multiop crew at K8T in Jefferson county was down one operator from their usual crew as one time Buckeye AD8J did not make the trip from North Carolina. Nevertheless station owner WA3C and guest op W3NO held down the fort with an impressive effort. K8MR with K3LA smashed the previous mobile record, and rover K8RYU with KD8CWV again put many otherwise rare southeast counties on the air to win the Rover class. From Tuscarawas county the W8ZX crew easily won the Emergency Operations Center category, setting a new record in this relatively recently added class.

From outside Ohio, there were new faces at the top. Florida was the place to be this year, with Larry Brockman, N6AR, earning the out of state High Power plaque, with fellow Floridian K5KG not far behind. A remarkable third place finish, and certainly the top QSO-miles effort, was by Laci Vegh, OM2VL, which also set a new record by a DX entries.

West Virginia's Jeff Hartley, N8II, was the top out of state Low Power single op, and Mike Sorton, WS2E, in Pennsylvania, topped the out of state QRP entries.

The North Coast Contesters won the Ohio club category, and the Florida Contest Group won the Out of State club award, setting a new record there as well, with the help of an impressive twenty entries.

All 88 Ohio counties were logged, though barely: Holmes county had just one reported CW QSO. Also rare were Allen, Crawford, and Knox, which had single digit totals. On the other hand, Butler was the most worked county, with with 2430 QSOs, just four more QSOs than were reported with Lorain. Medina county also made it past the two kiloQSO mark.

Florida was the most logged state outside Ohio, followed by Pennsylvania, Virginia, and Texas.

The hour by hour activity:

Hour	QSOs
1600Z	7379
1700Z	6941
1800Z	5977
1900Z	5520
2000Z	5691
2100Z	5004
2200Z	5168
2300Z	5448
0000Z	7426
0100Z	7349
0200Z	6173
0300Z	5441

The Ohio QSO Party is sponsored by the Mad River Radio Club, a group of contest aficionados in Ohio and Michigan. The log checking and web work is done by Tim Mitchell, K9TM; activity whipped by whip Dan Kovach, W8CAR; and the report written by OhQP chairman Jim Stahl, K8MR. Plaques are produced by Everett Jackson, WZ8P,

of the Franklin Printing Company in Zanesville. MRRC treasurer Tim O'Sullivan, KE8OC, watches over the OhQP moneybags. Further assistance in running OhQP comes from MRRC president Vic Keane, K1LT, and Gary Mikitin, AF8A.

The MRRC traditionally hosts its "Suite in the Sun" in the flea market at the Dayton Hamvention. We of course missed this in 2020, and unfortunately, again in 2021, But one of these years we hope that we will be able to meet and greet many of you in person there.

And above all, we hope you'll be back to join us for the 2021 Ohio QSO Party on Saturday, August 28!

Plaques

<i>Plaque Category</i>	<i>Winner</i>	<i>Sponsor</i>
Ohio Single Op High Power	KW8N	Mike Zilavy WA3C
Ohio Single Op Low Power	W8WTS	Canton Amateur Radio Club
Ohio Single Op QRP	N8OT	Northern Ohio QRP Club
Ohio Multioperator	K8T	Delaware Amateur Radio Assn.
Ohio Mobile	K8MR	Jim Snell W8DRZ
Ohio Rover	K8RYU	Mad River Radio Club
Ohio Emergency Op. Center	W8ZX	Radio Society of Ohio
Ohio Top CW Score	K1LT	Dwight Kelly, K4YJ
Ohio Top SSB Score	KM8AM	Chuck Patellis, W8PT
North America Single Op High Power	N6AR	COOKEN
North America Single Op Low Power	N8II	Sean Fleming K8KHZ in memory of John Fleming K8UP
North America Single Op QRP	WS2E	Lake Co. Amateur Radio Assn.
DX Single Op	OM2VL	Northern Ohio DX Association

Ohio Line Scores

<i>Ohio EOC</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
W8ZX	474 x 151 = 120,196	322x71 / 152x80	TUSC
K8ES	189 x 91 = 30,758	149x60 / 40x31	DELA
K8FAY	152 x 65 = 9,880	0x0 / 152x65	FAYE
<i>Ohio Single Op High Power</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KW8N	1329 x 204 = 415,140	706x95 / 623x109	LORA
W8CAR	1190 x 176 = 347,424	784x88 / 406x88	ERIE
K1LT	782 x 118 = 184,552	782x118 / 0x0	FAIR
NO8C	715 x 137 = 172,757	546x76 / 169x61	PUTN
N8BJQ	708 x 107 = 151,512	708x107 / 0x0	CHAM
W3HKK	592 x 136 = 149,056	504x88 / 88x48	LICK
K8MP	736 x 99 = 145,728	736x99 / 0x0	DELA
K4YJ	420 x 142 = 106,642	331x85 / 89x57	PIKE
W8JH	516 x 149 = 96,105	129x64 / 387x85	OTTA
KM8AM	825 x 112 = 92,400	0x0 / 825x112	CHAM
KE8M	437 x 93 = 81,282	437x93 / 0x0	HURO
KC8QDQ	637 x 114 = 72,618	0x0 / 637x114	ATHE
NS8O	326 x 131 = 71,788	222x78 / 104x53	MEIG
W8BI (op. KB8UEY)	327 x 134 = 69,814	194x69 / 133x65	MONT
K7TAR	417 x 83 = 68,807	412x79 / 5x4	FRAN
K8PK	323 x 70 = 45,220	323x70 / 0x0	CLER
W8KEN	332 x 119 = 43,554	34x27 / 298x92	GEAU
KA8SBI	366 x 100 = 36,600	0x0 / 366x100	PREB

Ohio Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K8FF	389 x 66 = 25,674	0x0 / 389x66	GEAU
WZ8P	297 x 86 = 25,542	0x0 / 297x86	MUSK
W8WLK	263 x 87 = 22,881	0x0 / 263x87	MADI
W8KTQ	150 x 64 = 19,200	150x64 / 0x0	DELA
AA8GP	244 x 77 = 18,788	0x0 / 244x77	CLER
NX8T	214 x 77 = 16,478	0x0 / 214x77	LORA
W8ERD	114 x 49 = 10,633	103x39 / 11x10	DELA
K8MFO	99 x 40 = 7,920	99x40 / 0x0	WAYN
WW8OH (op. W5UHQ)	135 x 43 = 7,912	49x26 / 86x17	LICK
KF8MZ	162 x 43 = 7,396	10x8 / 152x35	MIAM
W8DPK	104 x 59 = 6,136	0x0 / 104x59	MADI
KE8NBC	77 x 50 = 3,850	0x0 / 77x50	GREE
W8UF	40 x 29 = 1,160	0x0 / 40x29	HAMI
KD8OPN	35 x 29 = 1,015	0x0 / 35x29	GREE
AC8WW	40 x 19 = 760	0x0 / 40x19	VINT
W8EOT	14 x 11 = 154	0x0 / 14x11	DARK
N8QF	13 x 9 = 117	0x0 / 13x9	WARR

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
W8WTS	869 x 192 = 287,808	630x106 / 239x86	GEAU
K8BL	809 x 172 = 238,908	580x95 / 229x77	LAKE
K8NVR	658 x 185 = 202,390	436x96 / 222x89	MEDI
N8TFD	610 x 150 = 163,500	480x81 / 130x69	HAMI
KI8R	763 x 93 = 141,918	763x93 / 0x0	FAIR

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
NC8C (op. WINN)	696 x 101 = 140,592	696x101 / 0x0	MEDI
K8AJS	601 x 113 = 133,114	577x93 / 24x20	WAYN
AF8A	603 x 100 = 120,600	603x100 / 0x0	GEAU
K3DMG	512 x 123 = 115,005	423x77 / 89x46	STAR
N8AA	597 x 88 = 105,072	597x88 / 0x0	BUTL
K8RGI	498 x 104 = 100,568	469x81 / 29x23	CUYA
AJ8B	383 x 147 = 100,401	300x89 / 83x58	WARR
W8ASA	420 x 149 = 99,979	251x80 / 169x69	MONT
N8XC	577 x 136 = 98,192	145x37 / 432x99	PREB
K8RR	400 x 135 = 93,825	295x79 / 105x56	PORT
WB8REI	437 x 125 = 85,500	247x51 / 190x74	SENE
KV8Q	468 x 91 = 85,176	468x91 / 0x0	DELA
KE8G	550 x 76 = 83,600	550x76 / 0x0	CUYA
K8FH	305 x 141 = 75,294	229x89 / 76x52	LORA
AA8TA	440 x 79 = 69,520	440x79 / 0x0	FRAN
N8PE	410 x 92 = 68,540	335x54 / 75x38	GREE
AA8OY	382 x 80 = 60,960	380x78 / 2x2	LAKE
W8EH	346 x 85 = 58,395	341x81 / 5x4	BUTL
N8VV	348 x 84 = 58,212	345x81 / 3x3	COSH
NX8Y	334 x 81 = 54,108	334x81 / 0x0	UNIO
KE8PX	260 x 106 = 51,410	225x78 / 35x28	WYAN
N8BV	506 x 98 = 49,588	0x0 / 506x98	HAMI
K9NW	288 x 83 = 46,978	278x76 / 10x7	BUTL
W8TB	278 x 118 = 41,418	73x44 / 205x74	MEDI

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N8JK	278 x 71 = 39,476	278x71 / 0x0	BUTL
W8DN	252 x 72 = 36,288	252x72 / 0x0	MERC
K8EG	208 x 103 = 36,153	143x57 / 65x46	DARK
K8NZ	235 x 84 = 34,608	177x59 / 58x25	MADI
N8AUC	257 x 65 = 33,345	256x64 / 1x1	CUYA
KD8W	221 x 72 = 31,824	221x72 / 0x0	BUTL
N8CWU	337 x 92 = 31,004	0x0 / 337x92	FRAN
KB8GAE	232 x 63 = 29,232	232x63 / 0x0	MAHO
W8UA	206 x 70 = 27,790	191x56 / 15x14	MEDI
KE8LVA	297 x 91 = 27,027	0x0 / 297x91	WAYN
W8KIW	290 x 86 = 24,940	0x0 / 290x86	CLIN
W8BZY	207 x 60 = 24,840	207x60 / 0x0	GREE
N8VWY	171 x 72 = 24,624	171x72 / 0x0	UNIO
N8CJ	286 x 82 = 23,452	0x0 / 286x82	LICK
K8LBT	187 x 93 = 21,948	49x32 / 138x61	CUYA
N8WCP	246 x 86 = 21,156	0x0 / 246x86	PORT
K8BMC	227 x 93 = 21,111	0x0 / 227x93	ERIE
KF8O	148 x 70 = 20,720	148x70 / 0x0	HURO
WB8JAY	160 x 64 = 20,480	160x64 / 0x0	TUSC
AB8OU	160 x 85 = 20,060	76x39 / 84x46	SUMM
NF8O	254 x 78 = 19,812	0x0 / 254x78	MEDI
K8IV	215 x 87 = 18,705	0x0 / 215x87	PORT
N8SDR	161 x 89 = 18,334	45x31 / 116x58	BUTL
W8VE	146 x 62 = 17,422	135x52 / 11x10	STAR

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KI8N	196 x 74 = 14,504	0x0 / 196x74	MORR
KE8GKO	170 x 80 = 14,160	7x7 / 163x73	MEDI
W8HH	184 x 76 = 13,984	0x0 / 184x76	WASH
AA8BV	210 x 65 = 13,650	0x0 / 210x65	CUYA
W8KNO	113 x 78 = 13,650	62x39 / 51x39	PORT
W8PAB	174 x 71 = 12,354	0x0 / 174x71	JEFF
N8HP	100 x 73 = 11,461	57x39 / 43x34	BUTL
AF8C	152 x 70 = 10,640	0x0 / 152x70	LORA
W8TDA	117 x 45 = 10,305	112x42 / 5x3	HAMI
W8MET	100 x 63 = 9,828	56x31 / 44x32	CUYA
AC8XU	138 x 66 = 9,108	0x0 / 138x66	MARI
K8CMO	98 x 38 = 7,448	98x38 / 0x0	CLER
KB8LKH	107 x 62 = 7,254	10x10 / 97x52	ERIE
K3YP	77 x 45 = 6,930	77x45 / 0x0	ASHT
KD8YNG	120 x 56 = 6,720	0x0 / 120x56	MONT
W8IQ	86 x 37 = 6,327	85x36 / 1x1	LUCA
N8EI	105 x 57 = 6,099	2x2 / 103x55	SUMM
K2RWO	128 x 47 = 6,016	0x0 / 128x47	MEDI
K0HIO	88 x 42 = 6,006	55x25 / 33x17	SCIO
WB8TCB	88 x 61 = 5,368	0x0 / 88x61	BUTL
WA8TWM	92 x 56 = 5,152	0x0 / 92x56	LAKE
W8ISZ	95 x 53 = 5,035	0x0 / 95x53	WARR
N8WGE	97 x 46 = 4,462	0x0 / 97x46	LAKE
KI8B	85 x 50 = 4,250	0x0 / 85x50	WAYN

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KE8HBV	83 x 50 = 4,150	0x0 / 83x50	GUER
N8NJH	74 x 51 = 3,774	0x0 / 74x51	LUCA
K8YLK	70 x 51 = 3,570	0x0 / 70x51	SUMM
W8GSR	73 x 48 = 3,504	0x0 / 73x48	WOOD
W8DLB	76 x 46 = 3,496	0x0 / 76x46	RICH
N8JEN	74 x 47 = 3,478	0x0 / 74x47	SCIO
AC8NP	69 x 48 = 3,312	0x0 / 69x48	SENE
AA8CL	52 x 29 = 3,016	52x29 / 0x0	CUYA
WO3X	68 x 44 = 2,992	0x0 / 68x44	SUMM
K8DL	48 x 29 = 2,784	48x29 / 0x0	DELA
WS6K	60 x 45 = 2,700	0x0 / 60x45	CLER
KD8OOB	58 x 43 = 2,494	0x0 / 58x43	HAMI
N8QE	60 x 41 = 2,460	0x0 / 60x41	SUMM
KB8HLN	58 x 41 = 2,378	0x0 / 58x41	PREB
KE8DRR	57 x 41 = 2,337	0x0 / 57x41	HURO
N8IDA	56 x 41 = 2,296	0x0 / 56x41	HAMI
K8KYE	56 x 40 = 2,240	0x0 / 56x40	WASH
KC8FEL	59 x 37 = 2,183	0x0 / 59x37	HARD
KE8GII	52 x 41 = 2,132	0x0 / 52x41	CLIN
W1PDI	39 x 31 = 2,108	29x22 / 10x9	LORA
W8BR	47 x 38 = 1,786	0x0 / 47x38	MUSK
KC8YKQ	43 x 35 = 1,505	0x0 / 43x35	VANW
AD8AL	41 x 34 = 1,394	0x0 / 41x34	MADI
K8WWS	29 x 23 = 1,334	29x23 / 0x0	BUTL

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KA8TOA	38 x 35 = 1,330	0x0 / 38x35	GEAU
WA8RR	39 x 31 = 1,209	0x0 / 39x31	DELA
N8AMY	47 x 22 = 1,034	0x0 / 47x22	PORT
WF8B	35 x 29 = 1,015	0x0 / 35x29	CLIN
K5OAR	25 x 20 = 1,000	25x20 / 0x0	FRAN
N8WL	31 x 28 = 868	0x0 / 31x28	LICK
N4LSJ	24 x 17 = 731	19x13 / 5x4	HAMI
W8PN	22 x 16 = 704	22x16 / 0x0	CUYA
W4YPW	29 x 24 = 696	0x0 / 29x24	MONT
W8BDE	31 x 22 = 682	0x0 / 31x22	SUMM
KD8SSX	28 x 23 = 644	0x0 / 28x23	MEDI
AE8I	26 x 24 = 624	0x0 / 26x24	MIAM
KD8LLS	25 x 24 = 600	0x0 / 25x24	SENE
KE8NUQ	35 x 17 = 595	0x0 / 35x17	ROSS
KE8OLG	29 x 20 = 580	0x0 / 29x20	PERR
AD8FD	29 x 19 = 551	0x0 / 29x19	WARR
AA8SW	26 x 21 = 546	0x0 / 26x21	HAMI
W8KRF	24 x 21 = 504	0x0 / 24x21	CUYA
KD8ORN	24 x 19 = 456	0x0 / 24x19	HOCK
N8YA	20 x 18 = 432	4x4 / 16x14	HANC
N8MRS	21 x 20 = 420	0x0 / 21x20	HAMI
K2KSU	22 x 18 = 396	0x0 / 22x18	MEDI
N8CUB	20 x 19 = 380	0x0 / 20x19	HIGH
WT8E	20 x 17 = 340	0x0 / 20x17	ATHE

Ohio Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
W8LRJ	19 x 15 = 285	0x0 / 19x15	GREE
W8ALM	17 x 13 = 221	0x0 / 17x13	WOOD
KB8UJB	15 x 13 = 195	0x0 / 15x13	TUSC
WU1N	14 x 13 = 182	0x0 / 14x13	W8WL
KB8JMD	16 x 11 = 176	0x0 / 16x11	HAMI
KE8VU	16 x 9 = 144	0x0 / 16x9	BUTL
N9CX	9 x 8 = 144	9x8 / 0x0	FRAN
AC8ZU	13 x 11 = 143	0x0 / 13x11	MONT
N4DLR	10 x 8 = 136	7x6 / 3x2	FRAN
W8EOG	13 x 8 = 136	4x4 / 9x4	LICK
W8WTD	12 x 10 = 130	1x1 / 11x9	HAMI
K8HTC	10 x 10 = 100	0x0 / 10x10	FRAN
K8HUG	10 x 10 = 100	0x0 / 10x10	WASH
KB8TUY	11 x 8 = 88	0x0 / 11x8	PORT
NR8R	9 x 7 = 63	0x0 / 9x7	MONT
WE8L	10 x 6 = 60	0x0 / 10x6	BUTL
K8L (op. K8LL)	7 x 7 = 49	0x0 / 7x7	WOOD
W8DEJ	7 x 7 = 49	0x0 / 7x7	MEDI
KI0CT	11 x 4 = 44	0x0 / 11x4	PREB
K8IIT	6 x 6 = 36	0x0 / 6x6	MEDI
K8EC	7 x 5 = 35	0x0 / 7x5	GREE
KV8Z	5 x 5 = 25	0x0 / 5x5	FRAN
KE8MUW	4 x 3 = 12	0x0 / 4x3	LAWR
KE8ERN	3 x 3 = 9	0x0 / 3x3	SENE

<i>Ohio Single Op Low Power</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N8PPF	3 x 3 = 9	0x0 / 3x3	KNOX
WA8US	3 x 3 = 9	0x0 / 3x3	SUMM
KB8MXE	6 x 1 = 6	0x0 / 6x1	PREB
AF1K	1 x 1 = 1	0x0 / 1x1	SUMM
N8MRB	1 x 1 = 1	0x0 / 1x1	SCIO
<i>Ohio Multi Op</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K8T (op. WA3C W3NO)	1794 x 231 = 609,378	844x115 / 950x116	JEFF
NW8S (op. KB8O KM8V NQ8O)	1279 x 184 = 354,016	645x82 / 634x102	LORA
W8FT	741 x 119 = 157,080	579x85 / 162x34	HANC
W8OH (op. K8IYO KC8OKJ)	634 x 106 = 67,204	0x0 / 634x106	HIGH
WC8VOA (op. KB8ZYE KD8VRX N8ACL N8MIQ)	512 x 97 = 49,664	0x0 / 512x97	BUTL
K8CGE (op. N8KQ W8ARC)	210 x 66 = 27,720	210x66 / 0x0	COLU
W8WRK (op. KC8RP W8MRL W8KJ KC8CKW)	183 x 75 = 22,125	112x45 / 71x30	BUTL
N8VAR	215 x 93 = 21,111	12x10 / 203x83	PICK
KE8JIE	130 x 61 = 7,930	0x0 / 130x61	MEDI
W8VND (op. W8NFM KD8SOH W8MRG KA8HXR)	94 x 54 = 5,076	0x0 / 94x54	HAMI
W8AJT (op. KD8RLA N8KYX)	67 x 51 = 3,417	0x0 / 67x51	BUTL
WA8Q	51 x 41 = 2,091	0x0 / 51x41	CUYA

<i>Ohio Single Op QRP</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N8OT	236 x 107 = 44,833	183x72 / 53x35	BUTL
N8GU	236 x 74 = 34,928	236x74 / 0x0	MADI
K8ZT	139 x 88 = 17,864	64x41 / 75x47	SUMM
AC8AP	145 x 61 = 17,690	145x61 / 0x0	ERIE
AB1A	45 x 33 = 1,485	0x0 / 45x33	HARR
<i>Ohio Rover</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K8RYU (op. K8RYU KD8CWV)	612 x 108 = 127,008	564x77 / 48x31	8
N8KR	445 x 118 = 92,748	341x67 / 104x51	5
AC8UW	160 x 72 = 11,520	0x0 / 160x72	3
<i>Ohio Mobile</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K8MR (op. K8MR K3LA)	1466 x 98 = 279,594	1387x77 / 79x21	28
AE8M	166 x 70 = 21,420	140x52 / 26x18	2
August 31, 2021, 11:34 UTC			Entries: 214

Out of State Line Scores

<i>Out of State Single Op High Power</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N6AR	430 x 112 = 68,656	183x58 / 247x54	FL
K5KG	350 x 113 = 64,862	224x64 / 126x49	FL
OM2VL	306 x 118 = 56,522	173x63 / 133x55	DX

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K3WJV	292 x 106 = 50,562	185x60 / 107x46	PA
K3IE	266 x 97 = 41,516	162x54 / 104x43	TN
KI6RRN	270 x 95 = 39,995	151x51 / 119x44	CA
K1RO	202 x 97 = 34,532	154x62 / 48x35	NH
KA6BIM	246 x 93 = 34,317	123x46 / 123x47	OR
W3LL	216 x 91 = 32,396	140x51 / 76x40	MD
W0ZQ	208 x 86 = 31,476	158x55 / 50x31	MN
AD8J	223 x 87 = 30,363	126x43 / 97x44	NC
KU8E	200 x 87 = 28,275	125x47 / 75x40	GA
AA1SU	220 x 92 = 27,784	82x39 / 138x53	VT
K9RS	192 x 82 = 25,912	124x47 / 68x35	DE
W5TM	210 x 57 = 23,940	210x57 / 0x0	OK
NS2N	163 x 81 = 23,247	124x51 / 39x30	NY
NE8P	155 x 83 = 22,410	115x55 / 40x28	FL
AA4TI	156 x 76 = 21,964	133x59 / 23x17	FL
K4XU	166 x 75 = 21,675	123x47 / 43x28	OR
DL3DXX	171 x 61 = 20,862	171x61 / 0x0	DX
NU1O	151 x 86 = 19,952	81x46 / 70x40	MA
K4BAI	146 x 69 = 18,699	125x52 / 21x17	GA
K8TE	137 x 68 = 17,272	117x52 / 20x16	NM
K8MM	138 x 71 = 16,756	98x45 / 40x26	MI
KE1VT	137 x 72 = 16,416	91x44 / 46x28	VT
K1MM	127 x 80 = 16,240	76x49 / 51x31	FL
KA4RRU	135 x 70 = 15,960	93x39 / 42x31	VA

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K5XS	129 x 73 = 15,257	80x39 / 49x34	AR
KD5J	123 x 67 = 13,802	83x39 / 40x28	AR
K4JKB	130 x 60 = 13,200	90x36 / 40x24	VA
N2SQW	117 x 62 = 12,400	83x37 / 34x25	NY
AC6ZM	112 x 60 = 12,120	90x44 / 22x16	TN
N3KN	115 x 63 = 11,718	71x34 / 44x29	VA
KR2AA	116 x 50 = 11,600	116x50 / 0x0	NY
K5CM	125 x 46 = 11,362	122x43 / 3x3	OK
KY7M	110 x 56 = 11,032	87x40 / 23x16	AZ
KV0I	103 x 67 = 10,988	61x36 / 42x31	NE
VE3NNT	114 x 47 = 10,716	114x47 / 0x0	ON
VE2FK	106 x 47 = 9,964	106x47 / 0x0	QC
KG4W	112 x 43 = 9,632	112x43 / 0x0	VA
K4NMR	120 x 40 = 9,600	120x40 / 0x0	FL
W4PM	99 x 47 = 9,306	99x47 / 0x0	VA
K3WW	94 x 54 = 9,180	76x39 / 18x15	PA
W0BH	91 x 62 = 9,114	56x36 / 35x26	KS
W4XO	101 x 45 = 9,090	101x45 / 0x0	GA
K4AMC	97 x 46 = 8,924	97x46 / 0x0	TN
VE3TW	92 x 47 = 7,990	78x35 / 14x12	ON
NA8V	90 x 44 = 7,788	87x41 / 3x3	MI
K3TN	96 x 39 = 7,488	96x39 / 0x0	MD
W1TO	91 x 41 = 7,462	91x41 / 0x0	MA
PA3AAV	92 x 39 = 7,176	92x39 / 0x0	DX

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KJ9C	80 x 49 = 6,860	60x34 / 20x15	MT
N4VV	84 x 39 = 6,552	84x39 / 0x0	TN
K6DGW	78 x 40 = 6,240	78x40 / 0x0	NV
W2XYZ	84 x 37 = 6,216	84x37 / 0x0	FL
K1BZ	75 x 50 = 5,900	43x25 / 32x25	MD
K5LY	84 x 35 = 5,880	84x35 / 0x0	TX
NN6DX (op. W1PR)	69 x 46 = 5,612	53x33 / 16x13	CA
N4ZR	76 x 36 = 5,472	76x36 / 0x0	MD
VE6TL	70 x 44 = 5,456	54x30 / 16x14	AB
K5TIA	73 x 37 = 5,402	73x37 / 0x0	TX
NT6Q (op. N5ZO)	75 x 35 = 5,250	75x35 / 0x0	CA
KM4CH	64 x 44 = 4,972	49x32 / 15x12	KY
K5UV	71 x 35 = 4,970	71x35 / 0x0	OK
N3JT	65 x 38 = 4,940	65x38 / 0x0	VA
VE6BMX	59 x 44 = 4,708	48x34 / 11x10	AB
W3JLJ	95 x 49 = 4,655	0x0 / 95x49	PA
K3DNE	83 x 48 = 4,608	13x10 / 70x38	SC
W8FN	58 x 42 = 4,494	49x34 / 9x8	NC
N5RZ	60 x 36 = 4,320	60x36 / 0x0	TX
K4RUM	63 x 38 = 4,294	50x28 / 13x10	NY
K0TC	65 x 33 = 4,290	65x33 / 0x0	MN
WA6URY	64 x 33 = 4,191	63x32 / 1x1	CA
WB4HRL	56 x 42 = 3,738	33x22 / 23x20	SC
W6KC	54 x 35 = 3,535	47x29 / 7x6	CA

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K5PI	55 x 31 = 3,410	55x31 / 0x0	TX
WC7Q	49 x 37 = 3,367	42x32 / 7x5	WA
K3PP	60 x 28 = 3,360	60x28 / 0x0	PA
K4QD	59 x 28 = 3,304	59x28 / 0x0	FL
N3RD	53 x 31 = 3,286	53x31 / 0x0	PA
W4TJM (op. WB4OMG)	55 x 29 = 3,190	55x29 / 0x0	FL
WA8KAN	46 x 33 = 3,036	46x33 / 0x0	WV
K1EEE	46 x 35 = 2,905	37x27 / 9x8	VA
WA5LXS	53 x 27 = 2,862	53x27 / 0x0	TX
VA3ROC	48 x 40 = 2,840	23x19 / 25x21	ON
N9SE	44 x 36 = 2,736	32x25 / 12x11	IN
W6SX	49 x 27 = 2,646	49x27 / 0x0	CA
K9WX	42 x 31 = 2,604	42x31 / 0x0	IN
K0NM	48 x 27 = 2,592	48x27 / 0x0	TX
NO2C	42 x 41 = 2,501	19x19 / 23x22	NY
K1IB	44 x 27 = 2,376	44x27 / 0x0	VT
AG6V	37 x 31 = 2,294	37x31 / 0x0	WA
K0RJW	53 x 33 = 1,749	0x0 / 53x33	MN
VE3HED	53 x 31 = 1,643	0x0 / 53x31	ON
NS4X	37 x 22 = 1,628	37x22 / 0x0	TN
K4SHW	49 x 31 = 1,519	0x0 / 49x31	GA
N1NN	37 x 20 = 1,480	37x20 / 0x0	MA
NI7R	31 x 23 = 1,426	31x23 / 0x0	SC
W2CDO	32 x 20 = 1,280	32x20 / 0x0	MD

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N5TOO	31 x 20 = 1,240	31x20 / 0x0	GA
N4FP	27 x 21 = 1,134	27x21 / 0x0	FL
AI4WW	26 x 19 = 988	26x19 / 0x0	FL
W5RJJ	39 x 25 = 975	0x0 / 39x25	NM
W7BR	39 x 24 = 936	0x0 / 39x24	WA
KF5MU	37 x 25 = 925	0x0 / 37x25	KY
KE2D	24 x 19 = 912	24x19 / 0x0	NJ
K4WW	26 x 16 = 832	26x16 / 0x0	KY
AB1EP	34 x 24 = 816	0x0 / 34x24	ME
K6MM	23 x 20 = 800	17x14 / 6x6	CA
K1SM	22 x 20 = 780	17x16 / 5x4	MA
N4TB	20 x 17 = 680	20x17 / 0x0	FL
AF4T	23 x 15 = 645	20x12 / 3x3	TN
K7WP	20 x 16 = 640	20x16 / 0x0	AZ
S51DX	28 x 22 = 616	0x0 / 28x22	DX
N1RM	22 x 17 = 578	12x9 / 10x8	VA
W6IA	20 x 16 = 576	16x12 / 4x4	CA
W7EE	20 x 14 = 560	20x14 / 0x0	MT
KE8FT	29 x 17 = 493	0x0 / 29x17	CA
K6RB	18 x 13 = 468	18x13 / 0x0	CA
AA2AD	18 x 17 = 459	9x9 / 9x8	PA
N7EPD	14 x 13 = 364	14x13 / 0x0	WA
JO7WXN	13 x 12 = 312	13x12 / 0x0	DX
W4MF	22 x 14 = 308	0x0 / 22x14	TN

Out of State Single Op High Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
W4BBT	17 x 16 = 272	0x0 / 17x16	NC
K6TET	13 x 10 = 240	11x8 / 2x2	CA
W4ZGR	10 x 9 = 180	10x9 / 0x0	FL
K6TQ	15 x 10 = 150	0x0 / 15x10	CA
KJ9B	12 x 11 = 132	0x0 / 12x11	IN
AG5RR	12 x 9 = 108	0x0 / 12x9	TX
K1BIF	9 x 8 = 72	0x0 / 9x8	VT
N7PSR	10 x 7 = 70	0x0 / 10x7	NY
NV4C	8 x 8 = 64	0x0 / 8x8	GA
W3FA	7 x 7 = 49	0x0 / 7x7	MD
KF7DUR	7 x 6 = 48	1x1 / 6x5	AZ
W1UJ	5 x 4 = 40	5x4 / 0x0	MA
AG6AG	2 x 2 = 4	0x0 / 2x2	CA
K9TWW	2 x 2 = 4	0x0 / 2x2	MN

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N8II	326 x 121 = 58,443	157x60 / 169x61	WV
W1WBB	209 x 96 = 35,616	162x64 / 47x32	RI
WB8WKQ	198 x 100 = 31,300	115x50 / 83x50	MI
WN4AFP	152 x 78 = 20,826	115x52 / 37x26	SC
W9PA	151 x 83 = 20,667	98x43 / 53x40	IN
N8FYL	140 x 89 = 19,491	79x50 / 61x39	MI
W9QL	146 x 89 = 18,779	65x42 / 81x47	IL
WB9HFK	139 x 68 = 17,068	112x49 / 27x19	IL

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
WA5SOG	149 x 65 = 16,640	107x39 / 42x26	AR
W8PI	120 x 81 = 15,795	75x47 / 45x34	MI
KB3LIX	130 x 77 = 15,708	74x40 / 56x37	PA
WA3AAN	134 x 63 = 15,120	106x40 / 28x23	PA
K9NN	123 x 77 = 15,015	72x39 / 51x38	IN
VE3MV	129 x 60 = 14,160	107x42 / 22x18	ON
WT8WV	118 x 78 = 14,040	62x38 / 56x40	WV
K9DU	119 x 63 = 12,915	86x39 / 33x24	MN
WA2JQK	120 x 62 = 12,462	81x33 / 39x29	NY
W4NBS	115 x 63 = 12,222	79x39 / 36x24	AL
K2AL	114 x 63 = 11,970	76x38 / 38x25	NJ
N4IJ	107 x 62 = 11,408	77x37 / 30x25	NC
KD2KW	128 x 44 = 11,264	128x44 / 0x0	TX
K4ZGB	99 x 60 = 10,800	81x46 / 18x14	AL
NW3Y	99 x 65 = 10,790	67x41 / 32x24	DE
K3JT	108 x 55 = 10,780	88x40 / 20x15	WV
K0LUZ	109 x 48 = 10,464	109x48 / 0x0	FL
N3CKI	105 x 58 = 10,266	72x35 / 33x23	NC
K9CW	110 x 46 = 10,120	110x46 / 0x0	IL
N1LN	99 x 56 = 9,632	73x37 / 26x19	NC
KA0PQW	102 x 51 = 9,486	84x36 / 18x15	MN
W4XK	100 x 47 = 9,400	100x47 / 0x0	TN
AB2TB	100 x 46 = 9,200	100x46 / 0x0	NJ
KB4CG	100 x 48 = 9,168	91x39 / 9x9	VA

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K0FX	102 x 44 = 8,976	102x44 / 0x0	CO
W6OAT	88 x 51 = 8,925	87x50 / 1x1	WA
KA5M	97 x 45 = 8,505	92x40 / 5x5	LA
KQ3F	83 x 51 = 8,466	83x51 / 0x0	PA
W2AAB	91 x 46 = 8,372	91x46 / 0x0	NJ
AC0W	91 x 60 = 8,280	47x29 / 44x31	MN
NU0Q	87 x 50 = 8,250	78x42 / 9x8	IA
K9GDF	92 x 51 = 8,109	67x32 / 25x19	WI
W1QI	86 x 48 = 7,872	78x40 / 8x8	CT
K8SYH	88 x 46 = 7,866	83x41 / 5x5	VA
W0PI	87 x 49 = 7,742	71x36 / 16x13	MN
KE0L	89 x 45 = 7,605	80x38 / 9x7	TN
WQ6X	100 x 38 = 7,600	100x38 / 0x0	CA
N3RJ	78 x 53 = 6,996	54x33 / 24x20	PA
KM4FO	86 x 40 = 6,880	86x40 / 0x0	KY
N4EII	80 x 41 = 6,560	80x41 / 0x0	NC
K8DSS	79 x 42 = 6,468	75x38 / 4x4	FL
K0HB	84 x 38 = 6,384	84x38 / 0x0	MN
K8GT	72 x 44 = 6,336	72x44 / 0x0	MI
N9NM	75 x 42 = 6,300	75x42 / 0x0	TX
W1FJ	79 x 39 = 6,162	79x39 / 0x0	MA
K0PC	71 x 41 = 5,822	71x41 / 0x0	MN
K7SS	71 x 40 = 5,640	70x39 / 1x1	WA
KS5N	73 x 38 = 5,548	73x38 / 0x0	TX

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
VE3PQ	71 x 39 = 5,538	71x39 / 0x0	ON
W8TK	68 x 40 = 5,440	68x40 / 0x0	AZ
N0AT	78 x 37 = 5,439	69x28 / 9x9	MN
NS9I	71 x 38 = 5,396	71x38 / 0x0	WI
KJ4IWZ	71 x 43 = 5,375	54x30 / 17x13	TN
WB2NVR	68 x 40 = 5,240	63x35 / 5x5	NY
NF8M	68 x 43 = 5,203	53x31 / 15x12	MI
WQ5L	78 x 33 = 5,148	78x33 / 0x0	MS
NC4H	71 x 35 = 4,970	71x35 / 0x0	FL
NW0M	71 x 34 = 4,828	71x34 / 0x0	MO
KE8AE	62 x 48 = 4,800	38x29 / 24x19	WV
W2LE	63 x 38 = 4,788	63x38 / 0x0	NJ
NJ8J	60 x 45 = 4,725	45x31 / 15x14	GA
W9ILY	66 x 34 = 4,488	66x34 / 0x0	IL
W4YE	61 x 36 = 4,392	61x36 / 0x0	VA
W1END	60 x 36 = 4,320	60x36 / 0x0	NH
W1MI	55 x 44 = 4,268	42x31 / 13x13	MA
VE3FP	59 x 35 = 4,130	59x35 / 0x0	ON
WB4OMM	60 x 38 = 4,066	47x27 / 13x11	FL
KB9S	65 x 31 = 4,030	65x31 / 0x0	WI
ZR2A	59 x 34 = 4,012	59x34 / 0x0	DX
K4SBZ	92 x 43 = 3,956	0x0 / 92x43	FL
K9WPV	74 x 52 = 3,848	0x0 / 74x52	IN
K4VBM	62 x 42 = 3,780	28x19 / 34x23	GA

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K9UIY	53 x 35 = 3,710	53x35 / 0x0	IL
KI0Y	56 x 44 = 3,652	27x21 / 29x23	MO
KB4DE	57 x 31 = 3,534	57x31 / 0x0	SC
W4UT	55 x 34 = 3,502	48x28 / 7x6	TN
WA8OJR	51 x 34 = 3,468	51x34 / 0x0	SC
NR3Z	54 x 31 = 3,348	54x31 / 0x0	PA
N9QVQ	83 x 40 = 3,320	0x0 / 83x40	IN
KD9GDY	48 x 42 = 3,150	27x22 / 21x20	IN
W3TAS	49 x 33 = 3,135	46x30 / 3x3	DE
AG3I	52 x 34 = 3,060	38x22 / 14x12	PA
W4VG	45 x 39 = 3,042	33x28 / 12x11	VA
KG3V	49 x 31 = 3,038	49x31 / 0x0	VA
N7ZZ	52 x 29 = 3,016	52x29 / 0x0	WI
WA8ZBT	50 x 35 = 3,010	36x24 / 14x11	TX
N3DRL	49 x 37 = 2,997	32x22 / 17x15	PA
W2QL	44 x 34 = 2,992	44x34 / 0x0	NY
N3LT	50 x 33 = 2,970	40x24 / 10x9	PA
K6NR	48 x 30 = 2,880	48x30 / 0x0	CA
AD0YM	46 x 31 = 2,852	46x31 / 0x0	MO
KB0LF	47 x 34 = 2,754	34x23 / 13x11	NE
WA0MHJ	44 x 35 = 2,660	32x25 / 12x10	MN
DK3WW	40 x 32 = 2,560	40x32 / 0x0	DX
K4ORD	40 x 30 = 2,400	40x30 / 0x0	VA
AA0CW	46 x 31 = 2,325	29x20 / 17x11	CO

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
KS4S	41 x 31 = 2,325	34x25 / 7x6	NC
K0VBU	42 x 30 = 2,310	35x24 / 7x6	KS
W2XT	67 x 34 = 2,278	0x0 / 67x34	NJ
K0HNC	42 x 26 = 2,184	42x26 / 0x0	KS
KG9JP	60 x 36 = 2,160	0x0 / 60x36	WI
WA9LEY	44 x 24 = 2,112	44x24 / 0x0	IL
K0WRY	38 x 26 = 1,976	38x26 / 0x0	KS
NU4N	35 x 33 = 1,914	23x21 / 12x12	KY
K2TV	35 x 31 = 1,860	25x21 / 10x10	NY
AJ4LN	56 x 33 = 1,848	0x0 / 56x33	VA
WA4GQG	34 x 27 = 1,836	34x27 / 0x0	NC
N6EP	35 x 27 = 1,809	32x24 / 3x3	CA
KM4IAJ	54 x 33 = 1,782	0x0 / 54x33	VA
K1VUT	39 x 21 = 1,638	39x21 / 0x0	MA
K0EJ	34 x 24 = 1,632	34x24 / 0x0	TN
KW4AQ	49 x 33 = 1,617	0x0 / 49x33	GA
KA4FVE	48 x 33 = 1,584	0x0 / 48x33	SC
K0JP	37 x 21 = 1,554	37x21 / 0x0	MN
AD0H	37 x 34 = 1,530	8x8 / 29x26	IA
KI5DRY	30 x 24 = 1,440	30x24 / 0x0	TX
N1EK	49 x 29 = 1,421	0x0 / 49x29	MD
K2EK	32 x 22 = 1,408	32x22 / 0x0	FL
AB1J	30 x 23 = 1,380	30x23 / 0x0	MA
VE3WG	33 x 24 = 1,368	24x15 / 9x9	ON

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
WO9B	31 x 25 = 1,350	23x17 / 8x8	WI
KT4XN	29 x 23 = 1,334	29x23 / 0x0	GA
K4TZ	30 x 22 = 1,320	30x22 / 0x0	KY
KC8YRK	31 x 21 = 1,302	31x21 / 0x0	GA
AD0LR	44 x 29 = 1,276	0x0 / 44x29	KS
K7JQ	30 x 24 = 1,272	23x17 / 7x7	AZ
AC8JF	39 x 32 = 1,248	0x0 / 39x32	MI
W1ZFG	30 x 26 = 1,196	16x14 / 14x12	CT
N5INV	41 x 29 = 1,189	0x0 / 41x29	TN
W4ZPR	28 x 21 = 1,176	28x21 / 0x0	VA
KK4ADQ	45 x 25 = 1,125	0x0 / 45x25	VT
W4FRA	41 x 27 = 1,107	0x0 / 41x27	GA
W4HZD	28 x 19 = 1,064	28x19 / 0x0	TN
K4BRU	25 x 21 = 1,050	25x21 / 0x0	NC
KC2DPF	37 x 28 = 1,036	0x0 / 37x28	VA
W2IOC	41 x 25 = 1,025	0x0 / 41x25	NJ
KF3G	25 x 20 = 1,000	25x20 / 0x0	PA
WB0CFE	25 x 19 = 950	25x19 / 0x0	MN
W0COE	34 x 27 = 918	0x0 / 34x27	MN
WT9U	27 x 17 = 918	27x17 / 0x0	IN
WT9Q	24 x 19 = 912	24x19 / 0x0	WI
AE0TT	27 x 22 = 902	14x12 / 13x10	MO
W7WHY	24 x 19 = 893	23x18 / 1x1	OR
KG5HVO	24 x 19 = 874	22x17 / 2x2	AL

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
W7MTL	27 x 16 = 864	27x16 / 0x0	OR
AF5CC	25 x 17 = 799	22x14 / 3x3	OK
KD9LRB	24 x 21 = 777	13x10 / 11x11	WI
W5QLF	23 x 16 = 736	23x16 / 0x0	TX
K1DJ	24 x 15 = 720	24x15 / 0x0	MA
KB0UPC	30 x 24 = 720	0x0 / 30x24	MI
K3LO	21 x 17 = 714	21x17 / 0x0	MD
K7AZT	23 x 15 = 690	23x15 / 0x0	AZ
K4JSK	27 x 22 = 682	4x4 / 23x18	NC
W5LA	20 x 17 = 680	20x17 / 0x0	LA
K3ZGA	19 x 17 = 646	19x17 / 0x0	FL
AG4CC	19 x 16 = 608	19x16 / 0x0	TN
KC6MIE	30 x 20 = 600	0x0 / 30x20	CA
AG4I	28 x 21 = 588	0x0 / 28x21	GA
WA8YZB	22 x 20 = 580	7x7 / 15x13	MI
KN4JN	19 x 15 = 570	19x15 / 0x0	FL
K1SO	28 x 20 = 560	0x0 / 28x20	VA
K4EES	19 x 15 = 555	18x14 / 1x1	AL
K1HG	25 x 22 = 550	0x0 / 25x22	FL
VE5KS	18 x 16 = 544	16x14 / 2x2	SK
KA0REN	18 x 15 = 540	18x15 / 0x0	MO
N1IBQ	25 x 21 = 525	0x0 / 25x21	CT
K3EYL	25 x 20 = 500	0x0 / 25x20	PA
W8OV	16 x 15 = 480	16x15 / 0x0	TX

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N3IW	17 x 14 = 476	17x14 / 0x0	PA
W4BTW	25 x 19 = 475	0x0 / 25x19	NC
K5MAY	24 x 19 = 456	0x0 / 24x19	TX
K2IZ	16 x 14 = 448	16x14 / 0x0	NY
NX4N	16 x 14 = 448	16x14 / 0x0	FL
WA8VEC	19 x 17 = 425	6x6 / 13x11	FL
K3SV	16 x 14 = 420	14x12 / 2x2	FL
NJ4Q	16 x 13 = 416	16x13 / 0x0	VA
KF3EB	18 x 17 = 408	6x6 / 12x11	PA
WA0TTS	24 x 17 = 408	0x0 / 24x17	MO
ND0TS	27 x 15 = 405	0x0 / 27x15	ND
W5TJL	22 x 18 = 396	0x0 / 22x18	TX
LY5W	15 x 13 = 390	15x13 / 0x0	DX
WU3U	18 x 15 = 390	8x6 / 10x9	PA
NW5Q	21 x 18 = 378	0x0 / 21x18	TX
N5DTT	16 x 15 = 375	9x9 / 7x6	TX
W6GMT	16 x 13 = 364	12x9 / 4x4	MN
WA5SWN	22 x 16 = 352	0x0 / 22x16	KS
KB4LWT	20 x 17 = 340	0x0 / 20x17	GA
KC8J	13 x 13 = 338	13x13 / 0x0	CA
K7ZYV	14 x 12 = 336	14x12 / 0x0	MS
N5VR	14 x 12 = 336	14x12 / 0x0	TX
W3TNU	14 x 12 = 336	14x12 / 0x0	PA
N2UU	13 x 12 = 312	13x12 / 0x0	NJ

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
NE9A	14 x 11 = 308	14x11 / 0x0	IL
KD4IYD	18 x 17 = 306	0x0 / 18x17	AL
KB9RKK	17 x 17 = 289	0x0 / 17x17	TN
KA3KSP	18 x 16 = 288	0x0 / 18x16	PA
SP6JOE	12 x 12 = 288	12x12 / 0x0	DX
K2KR	20 x 14 = 280	0x0 / 20x14	CO
VE9RLW	20 x 14 = 280	0x0 / 20x14	NB
N6HCN	12 x 11 = 264	12x11 / 0x0	CA
KJ4KKD	18 x 14 = 252	0x0 / 18x14	TN
N1ADX	18 x 14 = 252	0x0 / 18x14	MA
N7MZW	17 x 14 = 238	0x0 / 17x14	WY
N4BMX	16 x 14 = 224	0x0 / 16x14	VA
K9PG	11 x 10 = 220	11x10 / 0x0	IL
W6NKR	11 x 10 = 220	11x10 / 0x0	CA
W7JMM	11 x 10 = 220	11x10 / 0x0	OR
W8NOR	11 x 10 = 220	11x10 / 0x0	AZ
KD9LVR	18 x 12 = 216	0x0 / 18x12	WI
N9UN	13 x 12 = 216	5x5 / 8x7	IN
N6GP	11 x 11 = 209	8x8 / 3x3	CA
K9FN	10 x 10 = 200	10x10 / 0x0	IN
KB7AK	10 x 10 = 200	10x10 / 0x0	WA
W7GF	10 x 10 = 200	10x10 / 0x0	OR
VA2RIO	15 x 13 = 195	0x0 / 15x13	QC
N7WY	10 x 9 = 180	10x9 / 0x0	WY

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
WB4SPB	10 x 9 = 180	10x9 / 0x0	WA
K5YX	14 x 12 = 168	0x0 / 14x12	TX
KA2GQQ	10 x 10 = 160	6x6 / 4x4	NJ
VA6RCN	10 x 10 = 150	5x5 / 5x5	AB
K0JV	9 x 8 = 144	9x8 / 0x0	SD
KN4PLB	12 x 12 = 144	0x0 / 12x12	GA
N2RSC	12 x 12 = 144	0x0 / 12x12	MN
VA3PC	12 x 12 = 144	0x0 / 12x12	ON
NG4V	13 x 11 = 143	0x0 / 13x11	TN
KD8KTF	12 x 11 = 132	0x0 / 12x11	MI
K5GQ	9 x 7 = 126	9x7 / 0x0	TX
W7KAM	11 x 11 = 121	0x0 / 11x11	MO
K2HT	8 x 8 = 112	6x6 / 2x2	MO
N9TCA	11 x 10 = 110	0x0 / 11x10	IL
K9ELF	10 x 10 = 100	0x0 / 10x10	IN
KD4QMY	10 x 10 = 100	0x0 / 10x10	GA
WV4O	11 x 9 = 99	0x0 / 11x9	KY
KF5VO	7 x 7 = 98	7x7 / 0x0	TX
N7AME	10 x 9 = 90	0x0 / 10x9	WA
W2DWS	10 x 9 = 90	0x0 / 10x9	NY
KE0JMK	9 x 9 = 81	0x0 / 9x9	FL
K7HPN	10 x 8 = 80	0x0 / 10x8	AZ
AI1G	9 x 8 = 72	0x0 / 9x8	MA
K4RFK	9 x 8 = 72	0x0 / 9x8	NY

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
K4FT	6 x 5 = 60	6x5 / 0x0	KY
KK4WX	6 x 5 = 60	6x5 / 0x0	GA
W7GFW	5 x 5 = 50	5x5 / 0x0	WA
N5PBP	7 x 7 = 49	0x0 / 7x7	TX
W2VDZ	7 x 7 = 49	0x0 / 7x7	NJ
W3MAM	7 x 7 = 49	0x0 / 7x7	MD
KA5VZG	6 x 6 = 48	2x2 / 4x4	TN
K5IX	5 x 4 = 40	5x4 / 0x0	TX
K6BBQ	6 x 5 = 40	2x2 / 4x3	CA
KC1ILH	6 x 6 = 36	0x0 / 6x6	NH
KD2REH	6 x 6 = 36	0x0 / 6x6	NY
WA1SAY	6 x 6 = 36	0x0 / 6x6	CT
F6EPO	4 x 4 = 32	4x4 / 0x0	DX
KA5CRL	4 x 4 = 32	4x4 / 0x0	TX
KK5NA	4 x 4 = 32	4x4 / 0x0	TX
NR0DX (op. K9DU)	4 x 4 = 32	4x4 / 0x0	MN
AE5TD	6 x 5 = 30	0x0 / 6x5	OK
K0DAJ	6 x 5 = 30	0x0 / 6x5	SD
K6TLH	6 x 5 = 30	0x0 / 6x5	CA
KJ0P	5 x 3 = 30	5x3 / 0x0	MN
VA3RSX	6 x 5 = 30	0x0 / 6x5	ON
KB6OJE	5 x 5 = 25	0x0 / 5x5	TX
KK4CS	5 x 5 = 25	0x0 / 5x5	GA
VE2GT	5 x 5 = 25	0x0 / 5x5	QC

Out of State Single Op Low Power

<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
WZ6ZZ	5 x 5 = 25	0x0 / 5x5	CA
WA2JQZ	4 x 4 = 24	2x2 / 2x2	CO
N7NDR	5 x 4 = 20	0x0 / 5x4	OR
WW1M	5 x 4 = 20	0x0 / 5x4	ME
AC4DP	3 x 3 = 18	3x3 / 0x0	GA
K6KQV	3 x 3 = 18	3x3 / 0x0	CA
KB6CA	3 x 3 = 18	3x3 / 0x0	CA
N7JEH	3 x 3 = 18	3x3 / 0x0	UT
NC6Q	3 x 3 = 18	3x3 / 0x0	CA
KX1W	4 x 4 = 16	0x0 / 4x4	NY
WJ3U	4 x 4 = 16	0x0 / 4x4	PA
W9VTD	4 x 3 = 12	0x0 / 4x3	IL
HA3FHH	3 x 3 = 9	0x0 / 3x3	DX
W7SOT	3 x 3 = 9	0x0 / 3x3	OR
G4IZZ	2 x 2 = 8	2x2 / 0x0	DX
W4AAZ	3 x 2 = 6	0x0 / 3x2	FL
AG7TX	2 x 2 = 4	0x0 / 2x2	NV
KE0QKF	2 x 2 = 4	0x0 / 2x2	IA
KU5Y	2 x 2 = 4	0x0 / 2x2	TX
AE6PL	1 x 1 = 2	1x1 / 0x0	CA
K6DWD	1 x 1 = 1	0x0 / 1x1	CA
K7JKM	1 x 1 = 1	0x0 / 1x1	OR

<i>Out of State Multi Op</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
N1SOH (op. N1SOH W1FM)	71 x 48 = 5,808	50x31 / 21x17	MA
W4THI (op. W4THI KN4NZH)	33 x 27 = 1,593	26x20 / 7x7	FL
VE3SDF (op. VE3ZIS VE3ZVY VZ3OPT)	10 x 7 = 70	0x0 / 10x7	ON
<i>Out of State Single Op QRP</i>			
<i>Call</i>	<i>Score</i>	<i>Breakdown cw/ph</i>	<i>QTH</i>
WS2E	131 x 78 = 17,472	93x48 / 38x30	PA
K3TW	116 x 67 = 12,998	78x38 / 38x29	FL
AC9EZ	51 x 40 = 3,440	35x25 / 16x15	IN
W7LG	40 x 35 = 2,275	25x20 / 15x15	PA
KE0TT	24 x 16 = 768	24x16 / 0x0	MN
KF9VV	22 x 17 = 748	22x17 / 0x0	WI
N1AIA	18 x 15 = 540	18x15 / 0x0	ME
N6TVN	18 x 15 = 540	18x15 / 0x0	CA
WC7S	15 x 14 = 420	15x14 / 0x0	WY
K2EKM	12 x 11 = 264	12x11 / 0x0	VA
W3AVP	9 x 9 = 135	6x6 / 3x3	PA
N3RF	12 x 11 = 132	0x0 / 12x11	PA
KA3TTT	7 x 6 = 84	7x6 / 0x0	PA
KI4MZC	6 x 6 = 72	6x6 / 0x0	GA
August 31, 2021, 11:34 UTC			Entries: 448

Club Results

<i>Ohio Club Name</i>	<i>Total Score</i>	<i>Number of Entries</i>
NORTH COAST CONTESTERS	1,161,303	6
NORTHERN OHIO AMATEUR RADIO SOCIETY	415,140	1
MEDINA 2 METER GROUP	326,727	10
DELAWARE AMATEUR RADIO ASSOCIATION	279,832	7
SOUTHWEST OHIO DX ASSOCIATION	261,470	5
DIAL RADIO CLUB	213,301	8
BELLBROOK AMATEUR RADIO CLUB	200,542	6
CENTRAL OHIO OPERATORS KLUB EXTRA NOVICE	181,288	4
QUEEN CITY EMERGENCY NET	179,187	5
NORTHERN OHIO DX ASSOCIATION	174,776	4
MAUMEE VALLEY CONTEST CLUB	173,778	6
OTTAWA AREA RADIO CLUB	172,757	1
FINDLAY RADIO CLUB	157,512	2
MARIETTA AMATEUR RADIO CLUB	143,332	4
PREBLE ARA	137,220	5
SILVERCREEK AMATEUR RADIO ASSOCIATION	126,644	6
TUSCO AMATEUR RADIO CLUB	120,391	2
CUYAHOGA AMATEUR RADIO SOCIETY	100,568	1
MADISON COUNTY AMATEUR RADIO CLUB	96,343	5
ARIZONA OUTLAWS CONTEST CLUB	96,105	1
SENECA RADIO CLUB	89,412	3
SUNDAY CREEK AMATEUR RADIO FEDERATION	74,298	4
DAYTON AMATEUR RADIO ASSOCIATION	73,699	3
MILFORD OHIO ARC	67,868	4
PORTAGE COUNTY AMATEUR RADIO SERVICE	60,968	8

<i>Ohio Club Name</i>	<i>Total Score</i>	<i>Number of Entries</i>
COSHOCTON COUNTY AMATEUR RADIO ASSOCIATIO	58,212	1
UNION COUNTY AMATEUR RADIO CLUB	54,108	1
OHKYIN AMATEUR RADIO SOCIETY	53,048	4
JOHN D. KRAUS MEMORIAL AMATEUR RADIO CLU	44,833	1
HAMILTON AMATEUR RADIO CLUB	27,263	4
HIGHLAND AMATEUR RADIO ASSOCIATION	25,320	2
BUTLER COUNTY ARA	22,185	2
CUYAHOGA FALLS ARC	21,538	3
WEST PARK RADIOPS	21,172	3
CANTON AMATEUR RADIO CLUB	17,422	1
FAYETTE AMATEUR RADIO ASSOCIATION	9,880	1
LAKE COUNTY AMATEUR RADIO ASSOCIATION	5,152	1
GEAUGA AMATEUR RADIO ASSOCIATION	4,462	1
INTERCITY ARC	3,496	1
SPOKANE DX ASSOCIATION	3,478	1
CLINTON COUNTY AMATEUR RADIO ASSOCIATION	3,147	2
NEWARK AMATEUR RADIO ASSOCIATION	1,786	1
VAN WERT AMATEUR RADIO CLUB	1,505	1
CRES AMATEUR RADIO CLUB	244	2
TREATY CITY AMATEUR RADIO ASSOCIATION	154	1
WOOD COUNTY ARC	49	1
August 31, 2021, 11:34 UTC		

<i>Out of State Club Name</i>	<i>Total Score</i>	<i>Number of Entries</i>
FLORIDA CONTEST GROUP	254,159	20
POTOMAC VALLEY RADIO CLUB	185,081	23
FRANKFORD RADIO CLUB	156,059	15
MINNESOTA WIRELESS ASSN	103,347	18
TENNESSEE CONTEST GROUP	96,659	14
SOUTH EAST CONTEST CLUB	93,115	10
YANKEE CLIPPER CONTEST CLUB	86,090	13
SOCIETY OF MIDWEST CONTESTERS	82,413	16
SOUTHERN CALIFORNIA CONTEST CLUB	56,342	8
NORTHERN CALIFORNIA CONTEST CLUB	53,698	10
CONTEST CLUB ONTARIO	40,066	7
CTRI CONTEST GROUP	35,616	1
MAD RIVER RADIO CLUB	31,638	2
SWAMP FOX CONTEST GROUP	30,598	4
HUDSON VALLEY CONTESTERS AND DXERS	29,156	3
RADIO AMATEURS OF NORTHERN VERMONT	27,856	2
BAVARIAN CONTEST CLUB	27,434	3
ALABAMA CONTEST GROUP	23,902	4
NIAGARA FRONTIER RADIOSPORT	23,247	1
WILLAMETTE VALLEY DX CLUB	21,896	3
NORTH COAST CONTESTERS	20,667	1
LANSE CREUSE ARC	19,491	1
ARIZONA OUTLAWS CONTEST CLUB	19,154	6
WESTERN WASHINGTON DX CLUB	17,932	3
SUSSEX COUNTY ARC	17,472	1

<i>Out of State Club Name</i>	<i>Total Score</i>	<i>Number of Entries</i>
THUMB AREA CONTESTERS	16,756	1
FORT SMITH ARC	16,640	1
ALLEGHENY VALLEY RADIO ASSOCIATION	16,167	2
KENTUCKY CONTEST GROUP	14,658	5
GEORGIA CONTEST GROUP	14,110	3
CENTRAL TEXAS DX AND CONTEST CLUB	14,070	4
CAROLINA DX ASSOCIATION	11,408	1
GRAND MESA CONTESTERS OF COLORADO	10,094	5
CONTEST GROUP DU QUEBEC	9,989	2
DIAL RADIO CLUB	9,438	2
DFW CONTEST GROUP	8,706	5
TEXAS DX SOCIETY	8,495	4
HAZEL PARK ARC	7,584	2
METRO DX CLUB	6,908	3
FORT WAYNE RADIO CLUB	6,590	2
GREAT SOUTH BAY ARC	4,809	3
RAPPAHANNOCK AMATEUR RADIO ASSOCIATION	2,905	1
FOX CITIES ARC	2,160	1
STERLING PARK ARC	1,848	1
WEST ALLIS RAC	1,350	1
MISSISSIPPI VALLEY DX/CONTEST CLUB	902	1
SOUTH TEXAS DX AND CONTEST CLUB	785	2
LOUISIANA CONTEST CLUB	680	1
ROANOKE VALLEY ARC	560	1
SASKATCHEWAN CONTEST CLUB	544	1

<i>Out of State Club Name</i>	<i>Total Score</i>	<i>Number of Entries</i>
GWINNETT ARS	340	1
RADIO CLUB OF TACOMA	180	1
NACOGDOCHES ARC	64	1
NORTHERN ARIZONA DX ASSN	48	1
GRANITE STATE ARA	36	1
UTAH DX ASSOCIATION	18	1
VENTURA COUNTY AMATEUR RADIO SOCIETY	4	1
August 31, 2021, 11:34 UTC		