### The 2011 Ohio QSO Party

### The Return of the Sunspots!

As we hams had all been waiting for the arrival of Cycle 24 and its solar activity, the Ohio QSO Party had been slowly adapting. Forty meters, long thought to be the mother lode of contest activity, had been proving less productive in recent years with skip zones that had made it a poor choice for QSOs within Ohio. In the past few years, 80 meter activity had been picking up, even during the daylight hours.

But the sunspots came back, and with that 40 meters returned as the primo OhQP band. Taking advantage of that, the 2011 OhQP set a new record for activity, with reported goos up 7% over the previous record set last year.

Here are the numbers:

#### **ENTRY STATISTICS**

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Number of entries: 271 Total QSOs reported: 43,591 Active stations: 3,173

#### MULTIPLIER AND COUNTY STATISTICS

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Mults - CW: 138 of 148 SSB: 145 of 148 Overall: 146 of 148

Counties - CW: 88 of 88 SSB: 87 of 88 Overall: 88 of 88

#### REPORTED QSOS PER BAND AND MODE

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80 40 20 15 10 Total

CW: 4497 9535 2439 154 8 16633
SSB: 6886 16510 3356 179 27 26958

Marion and Henry counties were the rare ones this year. Marion was the missing county on SSB, with only 17 total qsos, while Henry had a single CW qso among 16 total qsos. Delaware was the most worked county, with 1605 reported qsos. Cuyahoga followed in second place with 1251, with Warren, Butler, and Hamilton all making it past the 1000 qso mark.

While we enjoyed a beautiful late summer day here in Ohio, further east people were dealing with Hurricane Irene. Activity from several of the east coast states was noticeably down, as hams there had bigger things to be concerned about. We hope next year will be less eventful for them! The most active states were Michigan, Pennsylvania, and Tennessee. All three of these have excellent QSO Parties, and their interest in sharing in ours was much appreciated.

Bob Hayes, KW8N, from Lorain county, had the top Ohio single operator score, in the High Power category. Last year's single op winner, Ken Silverman, K2KW/K8O, moved to the Low Power category and took first place, this year operating from K4ZLE's QTH in Warren county. Hank Greeb, N8XX, last year's QRP winner, repeated the achievement this year, operating as N1L from rare Brown county. This category had the closest finish in years, with N1L 80 points - less than one QSO - ahead of Lorain county's W8RTJ.

The crew at K8DV handily took the honors in the Multiperator category. Jim Stahl, K8MR, along with Joe Wehner, W8KNO, covered 27 counties in eastern Ohio to take the mobile award, setting a new mobile record in the process. The Indiana team of N9FN, along with K9FN and K9NN, did a two county rover effort to win that plaque.

Doug Mahr, N8XQM, in Wayne county, ran low power but still took the honors and the plaque for the top SSB score. Tom Hain, KV8Q, from Franklin county, likewise operated barefoot and was a repeat winner of the CW award. And finally, Sharon Martarello, KJ8F, from Allen county is once again the number one YL in Ohio,

From out of state, Steve Courts, K8JQ, was the top scorer from outside Ohio, from his QTH in West Virginia. George Wagner, K5KG, won the Low Power plaque from West Central Florida, and Alabama's Jerry Fiore, N4JF, was the top QRP operator from outside Ohio. Paul Gagnon, N6MA, was the high scorer from the Mountain/Pacific time zone region. Uli Ann, DL2HBX, repeats with the top DX score. Uli is no stranger to Ohio; while living in Michigan he made several OhQP mobile trips around Ohio. His score was also the third best out of state score!

The Southwest Ohio DX Association was Ohio's top club, breaking the old club record and recording the first million point club total. The Florida Contest Group (sponsors of the Florida QSO Party) was the top out of state club.

Two Ohio entries deserve a mention for doing things differently. Ken Rogner, N8KR, along with pilot W9CB, operated N8KR/aeronautical mobile, flying in a Piper Cherokee at two thousand feet over six western Ohio counties, using GPS information to carefully keep track of county lines.

Dan Domondon, WA6URY, in California remotely operated W1NN's station in Medina county as W3USA for several hours while W1NN was out as a mobile. Don also made 47 QSOs from his real QTH in California. Both W1NN and WA6URY spend a significant part of the year in Japan, and have worked to set up their stations for remote operation to be able to keep on the air while living in Tokyo.

The overcoming adversity award goes to Jeff Bechner, W9MSE. Jeff once again drove down from Wisconsin to join us as a mobile in the OhQP (and to visit his daughter and her family in North Canton). When he arrived he discovered his rig had died, no longer putting out any power. A last minute appeal resulted in five offers of a loaner radio. Jeff accepted W1NN's offer, and proceeded to activate 27 counties in the contest. Thanks, Jeff, we hope you'll be back again!

The worker bees behind the OhQP include Jim Stahl, K8MR, the chairman, who also wrote up this report; Ken Silverman, K2KW, who is behind all the publicity and get-on-the-air efforts; Tim Mitchell, K9TM, who does the log checking and web master work; and OhQP committee members K1LT and AF8A who pick up all sorts of various tasks. We also wish to again thank all the clubs and individuals who sponsor the various plaques for category winners!

We appreciate the efforts of all who get on for the OhQP, whether the most serious or the merely casual operators. It is your activity that makes things fun for all. We hope you will be back for 2012, and bring along some new friends to the party as well. The 2012 Ohio QSO Party will be held on Saturday, August 25. Mark your calendars now for Ohio's best contest!

# The 2012 Ohio QSO Party Saturday, August 25 Noon – Midnight EDT

#### The Mad River Radio Club

The Mad River Radio Club, the sponsor of the Ohio QSO Party, is an ARRL Affiliated Club. Our main interest is ham radio contesting. Our members come from much of Ohio and southern Michigan. We will host our annual "Suite in the Sun" at the Dayton Hamvention on Friday and Saturday, May 18-19, in Flea Market spaces 3616-3619. Stop by to say hello, share stories about the OhQP, and find out more about our group!

### The Michigan QSO Party

The MRRC also sponsors the Michigan QSO Party, on Saturday, April 21. Rules are similar though not identical to those of the OhQP. We hope you will join us for this event, whether on the air from home, or by coming on up to Michigan as a mobile or portable station! For full information visit www.miqp.org.

### 2011 Ohio QSO Party Plaque Winners

### Ohio

Category Winner Sponsor

Single Operator High Power KW8N Findlay Radio Club

Single Operator Low Power K8O (K2KW, opr) Midwest Traffickers and Contesters

Single Operator QRP N1L (N8XX, opr) Flying Pigs QRP Club

Multi Operator K8DV Wayne Amateur Radio Club

Mobile K8MR Lake County A. R. A.

Rover N9FN Delaware A.R.A.

CW KV8Q Forty Over Club (K8FOC)

SSB N8XQM Muskingum Ham Radio Club

YL KJ8F Buckeye Belles

Club Southwest Ohio DX Association Mad River Radio Club

#### **Out of State**

Single Operator High Power K8JQ Buckeye DX Club

Single Operator Low Power K5KG Sean Fleming, K8KHZ

Single Operator QRP N4JF Chuck Patellis, W8PT

Mountain/Pacific Time Zones N6MA Canton Amateur Radio Club

DX DL2HBX Northern Ohio DX Association

## **Ohio Single Operator High Power**

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULT	S
KW8N	LORA	255,584	858	283	575	224	
N8BJQ	CHAM	224,652	785	373	412	194	
K8MP	DELA	198,904	758	300	458	188	
K1LT	FAIR	182,280	644	336	308	186	
K8ZOG	AUGL	78,650	650	0	650	121	
NR8Z	HAMI	61,855	364	81	283	139	
KE8M	HURO	59,364	306	306	0	97	
AC8G	MONT	52,098	457	0	457	114	
ND8L	TRUM	50,435	313	72	241	131	
W8JK	DELA	49,640	292	292	0	85	W8ERD, opr.
K8BSW	FRAN	38,092	356	0	356	107	
K8ROX	CRAW	36,630	319	14	305	110	
AL7BA	CLAR	34,200	342	0	342	100	
N8AA	BUTL	18,920	151	64	87	88	
WT8C	LAKE	18,270	210	0	210	87	
W8IQ	LUCA	17,010	135	135	0	63	
W8GG	GALL	16,892	206	0	206	82	
AA8LL	MONT	15,360	141	51	90	80	
NS8O	MEIG	9,250	117	8	109	74	
W8MET	CUYA	7,875	98	27	71	63	
N8IVE	TRUM	4,823	91	0	91	53	
W8D	DARK	4,368	84	0	84	52	
KC8RP	BUTL	361	19	0	19	19	

## **Ohio Single Operator Low Power**

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULT	TS.
K8O	WARR	226,152	707	340	367	216	K2KW, opr.
K8BL	LAKE	202,176	696	357	339	192	, 1
K8AZ	GEAU	158,576	572	276	296	187	W8WTS, opr.
N8O	GREE	148,941	548	323	225	171	WO4O, opr.
K8NVR	MEDI	142,736	534	277	257	176	, 1
W8TM	HAMI	138,852	553	259	294	171	
AA8IA	JEFF	117,793	458	239	219	169	
NO8C	PUTN	114,576	479	265	214	154	
K9NW	BUTL	113,520	438	207	231	176	
K8ES	DELA	108,732	412	285	127	156	N9AUG, opr.
K8FH	LORA	107,548	442	226	216	161	, 1
KV8Q	FRAN	87,312	408	408	0	107	
N8XQM	WAYN	83,204	671	0	671	124	
N8OT	BUTL	67,620	322	168	154	138	
W8KTQ	DELA	62,010	319	158	161	130	
W8JH	OTTA	58,936	352	72	280	139	
KQ8RP	FRAN	53,675	475	0	475	113	
N8KU	MORR	47,040	294	294	0	80	
KE8PX	WYAN	40,232	229	147	82	107	
KJ8F	ALLE	40,068	371	0	371	108	
KE8G	CUYA	36,150	241	241	0	75	
K8BA	WARR	35,866	227	227	0	79	
K8JRG	BELM	35,404	332	2	330	106	
WA8TWM	LAKE	34,424	326	5	321	104	
W8IDM	CUYA	32,660	230	230	0	71	
K8EHB	DELA	30,361	313	0	313	97	
KM8Q	CHAM	25,440	265	0	265	96	
N8OQQ	SUMM	24,288	264	0	264	92	
W8WZZ	FAIR	23,940	250	2	248	95	
WA8YVF	CUYA	23,072	175	49	126	103	
K8BTU	DELA	22,336	177	172	5	64	
K8WDN	MADI	21,535	155	140	15	73	
N8JK	BUTL	17,732	147	139	8	62	
N8HP	BUTL	17,052	135	68	67	84	
W8PJW	ASHT	16,575	195	0	195	85	
N2OPW	DELA	15,834	138	65	73	78	
K8FAY	FAYE	15,600	200	0	200	78	
AB8YK	MONT	15,334	187	0	187	82	
K8IYO	HIGH	13,983	177	0	177	79	
WA8KIW	HIGH	12,160	160	0	160	76	
WT8E	ATHE	10,944	152	0	152	72	
W8PN	CUYA	10,560	110	110	0	48	
W8GTS	HOCK	10,147	130	9	121	73	
KA8SBI	PREB	10,117	151	0	151	67	
KD8NJZ	WOOD	9,648	143	1	142	67	
K8LBT	CUYA	8,228	121	0	121	68	
N8RMZ	WASH	7,936	124	0	124	64	
NB8I	CUYA	7,504	112	0	112	67	
KD8JRH	MEDI	7,440	120	0	120	62	
K8ARL	SENE	6,678	106	0	106	63	
NR8R	MONT	6,540	109	0	109	60	
N8KQ	COLU	6,039	99	0	99	61	
KC8YJJ	JEFF	5,445	99	0	99	55	

**Ohio Single Operator Low Power** 

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULTS
KD8ACO	CUYA	5,445	99	0	99	55
W8LO	DEFI	5,141	97	0	97	53
WB8FZW	MEDI	4,428	82	0	82	54
K8BAR	MEDI	4,386	86	0	86	51
KB8OIU	CUYA	4,368	84	0	84	52
WC8Z	MONT	3,978	78	0	78	51
AE8I	MIAM	3,780	70	0	70	54
W8KVK	ATHE	3,666	78	0	78	47
KC8YKQ	VANW	3,431	73	0	73	47
KC8WH	SENE	3,213	63	0	63	51
N8YN	SCIO	3,082	67	0	67	46
KB8KE	MONT	2,580	60	0	60	43
KG4VHV	WARR	2,478	59	0	59	42
KF8BT	FRAN	2,120	53	0	53	40
KC8FNJ	ASHT	1,950	50	0	50	39
W8HOG	HIGH	1,938	51	0	51	38
W8LBZ	ERIE	1,908	53	0	53	36
WD8EKH	MEDI	1,715	49	0	49	35
N8WS	HURO	1,700	50	0	50	34
K8QJH	DARK	1,530	45	0	45	34
KB8UEY	MONT	1,353	41	0	41	33
KC8BTN	LAKE	1,260	42	0	42	30
K8CMO	CLER	1,085	35	0	35	31
W8HBC	STAR	858	33	0	33	26
KD8CJ	HOLM	840	35	0	35	24
W3USA	MEDI	720	22	14	8	WA6URY, opr.
N8OXC	CLAR	690	46	0	46	15
K8CR	LAWR	675	26	1	25	25
WD8PVB	ASHT	588	28	0	28	21
KQ4TL	HIGH	483	23	0	23	21
KB8MAF	PAUL	441	21	0	21	21
K8JTD	GREE	374	22	0	22	17
N8WB	CUYA	289	17	0	17	17
N8ZAK	LUCA	288	18	0	18	16
N8GRQ	CUYA	238	17	0	17	14
N8YRF	UNIO	196	14	0	14	14
KB8PAI	LUCA	12	4	0	4	3
K9ULO	FAIR	9	3	0	3	3
KB8BKW	ADAM	6	3	0	3	2

## Ohio Single Operator QRP

CALLSIGN	QTH	SCORE	QSOs	$\mathbf{C}\mathbf{W}$	PH	MULTS
N1L	BROW	31,408	186	116	70	104 N8XX, opr.
W8RTJ	LORA	31,328	195	161	34	88
WA8PGE	FAIR	25,026	173	85	88	97
K8ZT	SUMM	21,840	148	92	56	91
K8LL	WOOD	5,252	101	0	101	52
KA9RSL	FULT	4,611	87	0	87	53
WG8Y	ASHT	3,528	59	25	34	42
W8DN	MERC	2,132	41	41	0	26
KD8NYO	SAND	1,960	49	0	49	40
NR8U	LICK	1,900	50	0	50	38
W3CRZ	FRAN	1,800	45	0	45	40
KD8COO	LUCA	4	2	0	2	2

### **Ohio Mobile**

CALLSIGN	#CTY	SCORE	QSOs	CW	PH	MUL	TS
K8MR	27	232,763	911	788	123	137	K8MR, W8KNO oprs.
W1NN	9	154,698	640	481	159	138	
W9MSE	27	95,496	692	692	0	69	
AE8M	8	84,360	415	325	90	114	
N8KR	6	2,555	73	0	73	35	N8KR, W9CB, oprs.
W8FSM	5	901	53	0	53	17	
KC8HQS	2	4	2	0	2	2	

### **Ohio Rover**

CALLSIGN	#CTY	SCORE	QSOs	CW	PH	MUL	ΓS
N9FN	2	166,080	576	289	287	192	K9FN, K9NN, N9FN, oprs.
K8RYU	10	152,789	625	324	301	161	K8RYU, KD8CWV, oprs.
AB8DD	5	21,080	248	0	248	85	AB8DD. N8KXH, N8OZB, oprs.

### **Ohio Multi Operator**

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULTS
K8DV	CLER	389,004	1159	525	634	231
WW8OH	LICK	202,554	768	255	513	198
N8HR	MUSK	157,896	819	99	720	172
W8BD	WILL	74,480	371	119	252	152
W8FT	HANC	74,307	323	204	119	141
W8ND	WARR	65,844	558	0	558	118
KA8O	WYAN	63,027	393	54	339	141
K8SCH	VANW	60,444	290	124	166	146
AC8GE	HOLM	37,800	358	2	356	105
W8LKY	MAHO	31,164	316	2	314	98
N8H	HAMI	29,610	263	19	244	105
K8BLP	COLU	27,835	293	0	293	95
W8DGN	GREE	8,125	125	0	125	65
KE8E	TRUM	4,131	81	0	81	51
N8CEV	CLIN	1,564	46	0	46	34
W8VVL	HAMI	324	27	0	27	12

#### **Operators:**

K8DV K8DV, AA8MC, AA8HH, W9VNE, K4ZLE, AA4ZU

WW8OH WW8OH,W5UHQ,K8EM,W3HKK,AC8GI,AC8GX,N2KNC,KD8PEP

N8HR WX8J,W8FHF,WZ8P,KC8BEW

W8BD, N8UOO, K8NQC

W8FT

W8ND, KB8ZYE KA8O AB8JR, K8PGJ, WF5X

K8SCH KB8MYC, KC8FJN, KC8HQS, KD8IOQ, N8BV, NC8V

AC8GE AC8GE. K8MLT

W8LKY KD8MQ, KD8QCF, WA8SHP, WA8WHP, K8SRR, KC8SUI, N8IGZ

N8H KC8KKC, WA8FOZ, W8AUV, W9OBQ

K8BLP K8HGY, KB8HTU, NK8I, WB8RYH, KD8DHH, KD8

W8DGN W8ASA, W8LLY, KD8MKG, KD8OSF

KE8E KB8OIA

N8CEV

W8VVL W8NFM, KD8PAT, W8MRG

## Ohio Single Operator - By County

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULTS
KB8BKW	ADAM	6	3	0	3	2
KJ8F	ALLE	40,068	371	0	371	108
W8PJW WG8Y KC8FNJ WD8PVB	ASHT ASHT ASHT ASHT	16,575 3,528 1,950 588	195 59 50 28	0 25 0	195 34 50 28	85 42 39 21
WT8E W8KVK	ATHE ATHE	10,944 3,666	152 78	0 0	152 78	72 47
K8ZOG	AUGL	78,650	650	0	650	121
K8JRG	BELM	35,404	332	2	330	106
N1L	BROW	31,408	186	116	70	104
K9NW N8OT N8AA N8JK N8HP KC8RP	BUTL BUTL BUTL BUTL BUTL BUTL	113,520 67,620 18,920 17,732 17,052 361	438 322 151 147 135 19	207 168 64 139 68 0	231 154 87 8 67 19	176 138 88 62 84 19
N8BJQ KM8Q	CHAM CHAM	224,652 25,440	785 265	373 0	412 265	194 96
AL7BA N8OXC	CLAR CLAR	34,200 690	342 46	0	342 46	100 15
K8CMO	CLER	1,085	35	0	35	31
N8KQ	COLU	6,039	99	0	99	61
KE8G W8IDM WA8YVF W8PN K8LBT W8MET NB8I KD8ACO KB8OIU N8WB N8GRQ	CUYA CUYA CUYA CUYA CUYA CUYA CUYA CUYA	36,150 32,660 23,072 10,560 8,228 7,875 7,504 5,445 4,368 289 238	241 230 175 110 121 98 112 99 84 17	241 230 49 110 0 27 0 0 0 0	0 0 126 0 121 71 112 99 84 17	75 71 103 48 68 63 67 55 52 17
W8D K8QJH	DARK DARK	4,368 1,530	84 45	0	84 45	52 34
W8LO	DEFI	5,141	97	0	97	53

CALLSIGN	QТH	SCORE	QSOs	CW	PH	MULTS
K8MP	DELA	198,904	758	300	458	188
K8ES	DELA	108,732	412	285	127	156
W8KTQ	DELA	62,010	319	158	161	130
W8JK	DELA	49,640	292	292	0	85
K8EHB	DELA	30,361	313	0	313	97
K8BTU	DELA	22,336	177	172	5	64
N2OPW	DELA	15,834	138	65	73	78
W8LBZ	ERIE	1,908	53	0	53	36
K1LT	FAIR	182,280	644	336	308	186
WA8PGE	FAIR	25,026	173	85	88	97
W8WZZ	FAIR	23,940	250	2	248	95
		9	3	0	3	3
K9ULO	FAIR	9	3	U	3	3
K8FAY	FAYE	15,600	200	0	200	78
KV8Q	FRAN	87,312	408	408	0	107
KQ8RP	FRAN	53,675	475	0	475	113
K8BSW						
	FRAN	38,092	356	0	356	107
KF8BT	FRAN	2,120	53	0	53	40
W3CRZ	FRAN	1,800	45	0	45	40
KA9RSL	FULT	4,611	87	0	87	53
W8GG	GALL	16,892	206	0	206	82
K8AZ	GEAU	158,576	572	276	296	187
N8O	GREE	148,941	548	323	225	171
K8JTD	GREE	374	22	0	22	17
KojiD	OREE	374	22	U	22	1 /
W8TM	HAMI	138,852	553	259	294	171
NR8Z	HAMI	61,855	364	81	283	139
K8IYO	HIGH	13,983	177	0	177	79
					160	
WA8KIW	HIGH	12,160	160	0		76
W8HOG	HIGH	1,938	51	0	51	38
KQ4TL	HIGH	483	23	0	23	21
W8GTS	HOCK	10,147	130	9	121	73
KD8CJ	HOLM	840	35	0	35	24
KE8M	HURO	59,364	306	306	0	97
N8WS	HURO	1,700	50	0	50	34
4 4 07 4	IDDE	117.702	450	222	210	1.00
AA8IA	JEFF	117,793	458	239	219	169
KC8YJJ	JEFF	5,445	99	0	99	55
K8BL	LAKE	202,176	696	357	339	192
WA8TWM	LAKE	34,424	326	5	321	104
WT8C	LAKE	18,270	210	0	210	87
KC8BTN	LAKE	1,260	42	0	42	30

K8CR CALLSIGN	LAWR <b>QTH</b>	675 SCORE	26 QSOs	1 <b>CW</b>	25 <b>PH</b>	25 MULTS
NR8U	LICK	1,900	50	0	50	38
KW8N K8FH W8RTJ	LORA LORA LORA	255,584 107,548 31,328	858 442 195	283 226 161	575 216 34	224 161 88
W8IQ N8ZAK KB8PAI KD8COO	LUCA LUCA LUCA LUCA	17,010 288 12 4	135 18 4 2	135 0 0 0	0 18 4 2	63 16 3 2
K8WDN K8NVR KD8JRH WB8FZW K8BAR WD8EKH W3USA	MADI MEDI MEDI MEDI MEDI MEDI MEDI	21,535 142,736 7,440 4,428 4,386 1,715 720	155 534 120 82 86 49 22	140 277 0 0 0 0 0	15 257 120 82 86 49 8	73 176 62 54 51 35 20
NS8O	MEIG	9,250	117	8	109	74
W8DN	MERC	2,132	41	41	0	26
AE8I	MIAM	3,780	70	0	70	54
AC8G AA8LL AB8YK NR8R WC8Z KB8KE KB8UEY	MONT MONT MONT MONT MONT MONT MONT	52,098 15,360 15,334 6,540 3,978 2,580 1,353	457 141 187 109 78 60 41	0 51 0 0 0 0	457 90 187 109 78 60 41	114 80 82 60 51 43 33
N8KU	MORR	47,040	294	294	0	80
W8JH	OTTA	58,936	352	72	280	139
KB8MAF	PAUL	441	21	0	21	21
KA8SBI	PREB	10,117	151	0	151	67
NO8C	PUTN	114,576	479	265	214	154
KD8NYO	SAND	1,960	49	0	49	40
N8YN	SCIO	3,082	67	0	67	46
K8ARL KC8WH	SENE SENE	6,678 3,213	106 63	0 0	106 63	63 51
W8HBC	STAR	858	33	0	33	26

CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULTS
N8OQQ K8ZT	SUMM SUMM	24,288 21,840	264 148	0 92	264 56	92 91
ND8L N8IVE	TRUM TRUM	50,435 4,823	313 91	72 0	241 91	131 53
N8YRF	UNIO	196	14	0	14	14
KC8YKQ	VANW	3,431	73	0	73	47
K8O K8BA KG4VHV	WARR WARR WARR	226,152 35,866 2,478	707 227 59	340 227 0	367 0 59	216 79 42
N8RMZ	WASH	7,936	124	0	124	64
N8XQM	WAYN	83,204	671	0	671	124
KD8NJZ K8LL	WOOD WOOD	9,648 5,252	143 101	1	142 101	67 52
KE8PX	WYAN	40,232	229	147	82	107

## Single Operator High Power Outside Ohio

CALLSIGN	QTH	SCORE	QSOS	CW	PH	MULTS
K8JQ	WV	49,028	312	100	212	119
K8MM	MI	38,734	231	131	100	107
DL2HBX	DX	37,557	219	132	87	107
N6MA	ΑZ	24,153	174	117	57	83
OM2VL	DX	24,056	170	78	92	97
K4BAI	GA	19,125	154	71	83	85
W9KB	MI	11,616	107	69	38	66
AF2K	NY	10,812	159	0	159	68
WA6KHK	CA	9,072	100	44	56	63
N4AAI	TN	5,476	74	74	0	37
AA0A	MO	5,445	99	0	99	55
W6RLL	ΑZ	4,848	61	40	21	48
W6OAT	CA	4,320	62	58	4	36
KT4Q	FL	3,654	56	31	25	42
WA6URY	CA	2,844	47	32	15	36
W5ASP	TX	2,640	44	44	0	30
W6KC	CA	1,682	36	22	14	29
N4GG	GA	1,428	34	34	0	21
W7ON	ΑZ	1,066	32	9	23	26
KR9E	IN	957	33	0	33	29
W5WZ	LA	726	23	10	13	22
DK2OY	DX	406	15	14	1	14
W7GKF	WA	240	12	8	4	12
EA6AZ	DX	117	9	4	5	9
N6WIN	CA	88	8	3	5	8
K2AVI	WA	30	6	0	6	5
WO7V	OR	24	4	2	2	4

## Single Operator Low Power Outside Ohio

CALLSIGN	QTH	SCORE	<b>QSOS</b>	CW	PH	MULTS
K5KG	FL	31,300	212	101	111	100
KA3QLF	PA	20,825	157	88	69	85
ND3R	PA	20,020	149	71	78	91
KB9OWD	WI	17,933	168	59	109	79
WD8S	MI	16,810	156	49	107	82
AD8J	NC	13,778	110	56	54	83
W9QL	IL	13,317	193	0	193	69
AA5JG	OK	12,978	112	94	18	63
W4GDG	VA	11,799	111	60	51	69
N3TG	VA	10,725	98	45	53	75
K0JPL	MO	10,626	100	54	46	69
K9ES	FL	9,960	101	65	36	60
K8GT	MI	8,965	92	71	21	55
K8AAX	MI	8,520	89	53	36	60
N4VV	TN	8,190	91	91	0	45
WA5SOG	AR	7,897	86	63	23	53
K1TN	WI	7,182	87	84	3	42
K4ORD	VA	6,888	82	82	0	42
W1DWA	MA	6,771	70	41	29	61
K8NZ	FL	6,549	70	41	29	59
N9LJX	IN	5,969	79	48	31	47
K4BSK	NC	5,402	73	73	0	37
KN4Y	FL	5,256	73	73	0	36
W4NZ	TN	5,180	70	70	0	37
K8GVK	MI	4,664	65	23	42	53
W1END	NH	4,524	58	58	0	39
WA1FCN	AL	4,465	60	35	25	47
N4NM	AL	4,343	63	38	25	43
KD4BAO	SC	4,140	92	0	92	45
NA4K	TN	4,120	65	38	27	40
AE1P	NH	4,089	69	18	51	47
N9FC	IN	4,056	52	52	0	39
W6GMT	MN	3,360	48	48	0	35
W3GEG	WV	3,300	75	0	75	44
VA3GKO	ON	3,276	78	0	78	42
KC9TTR	IN	3,055	65	0	65	47
W6UB	TN	2,958	51	51	0	29
W7KAM	MO	2,852	62	0	62	46
KC9MEA	WI	2,788	45	23	22	41
K4NP	TN	2,464	44	44	0	28
N4SR	TN	2,160	40	40	0	27
W4NBS	AL	2,046	40	26	14	31
KD8GRG	MI	1,802	53	0	53	34
N4PJ	FL	1,652	32	27	5	28
N8YHA	WI	1,485	45	0	45	33
N7EIE	WA	1,470	35	35	0	21
NW5Q	TX	1,364	44	0	44	31
WB0YYE	NE	1,288	46	0	46	28
NF8M	MI	1,152	29	19	10	24
KJ4OAP	VA	1,073	37	0	37	29
N9BT	IL	1,058	30	16	14	23
KB3ORR	PA	999	37	0	37	27

SI NGLE OPERATOR - LOW POWER - OUTSIDE OHIO

CALLSIGN	QTH	SCORE	QSOS	CW	PH	MULTS
N9VPV	IL	957	33	0	33	29
N7VS	OR	946	25	18	7	22
AG5S	NM	874	32	6	26	23
AE2NG	NY	837	31	0	31	27
AC8ZX	MI	702	27	0	27	26
N4DW	TN	576	18	18	0	16
K3CT	PA	504	18	18	0	14
K6CSL	CA	420	17	11	6	15
KC7YE	WA	288	12	12	0	12
W4EBA	FL	220	11	11	0	10
KD5IUZ	LA	210	15	0	15	14
NM5M	TX	200	10	10	0	10
KJ4JKE	GA	195	15	0	15	13
KJ4SZL	VA	144	12	0	12	12
W0NFS	MO	130	13	0	13	10
KD7ZLF	OR	100	10	0	10	10
PG2AA	DX	72	6	6	0	6
W0PAN	AZ	56	8	0	8	7
SM0BYD	DX	49	7	0	7	7
K4GDB	KY	49	7	0	7	7
N1NN	MA	32	4	4	0	4
NE3M	OK	25	5	0	5	5
K6JB	CA	25	5	0	5	5
KC2ZUF	NY	16	4	0	4	4
K4GOP	FL	9	3	0	3	3
NC6Q	CA	8	2	2	0	2
KG6YPH	CA	4	2	0	2	2
K6K	CA	2	1	1	0	1

## Single Operator - QRP - Outside Ohio

CALLSIGN	QTH	SCORE	QSOS	CW	PH	MULTS
N4JF	AL	30,184	192	116	76	98
WA8REI	MI	6,364	75	73	2	43
WA8ZBT	TX	2,695	45	32	13	35
W4UT	TN	1,885	36	29	7	29
KD2MX	NJ	912	24	24	0	19
KS4X	TN	851	25	12	13	23
VE3HG	ON	754	29	0	29	26
VE3GTC	ON	540	18	18	0	15
N2WN	TN	324	14	13	1	12
NT4TS	FL	300	20	0	20	15
IV3AOL	DX	128	8	8	0	8

## Outside Ohio - By State

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CALLSIGN	QTH	SCORE	QSOs	CW	PH	MULTS
W1DWA	MA	6,771	70	41	29	61
N1NN	MA	32	4	4	0	4
W1END	NH	4,524	58	58	0	39
AE1P	NH	4,089	69	18	51	47
KD2MX	NJ	912	24	24	0	19
AF2K	NY	10,812	159	0	159	68
AE2NG	NY	837	31	0	31	27
KC2ZUF	NY	16	4	0	4	4
KA3QLF	PA	20,825	157	88	69	85
ND3R	PA	20,020	149	71	78	91
KB3ORR	PA	999	37	0	37	27
K3CT	PA	504	18	18	0	14
N4JF	AL	30,184	192	116	76	98
WA1FCN	AL	4,465	60	35	25	47
N4NM	AL	4,343	63	38	25	43
W4NBS	AL	2,046	40	26	14	31
K5KG	FL	31,300	212	101	111	100
K9ES	FL	9,960	101	65	36	60
K8NZ	FL	6,549	70	41	29	59
KN4Y	FL	5,256	73	73	0	36
KT4Q	FL	3,654	56	31	25	42
N4PJ	FL	1,652	32	27	5	28
NT4TS	FL	300	20	0	20	15
W4EBA	FL	220	11	11	0	10
K4GOP	FL	9	3	0	3	3
K4BAI	GA	19,125	154	71	83	85
N4GG	GA	1,428	34	34	0	21
KJ4JKE	GA	195	15	0	15	13
K4GDB	KY	49	7	0	7	7
AD8J	NC	13,778	110	56	54	83
K4BSK	NC	5,402	73	73	0	37
KD4BAO	SC	4,140	92	0	92	45
N4VV	TN	8,190	91	91	0	45
N4AAI	TN	5,476	74	74	0	37
W4NZ	TN	5,180	70	70	0	37
NA4K	TN	4,120	65	38	27	40
W6UB	TN	2,958	51	51	0	29
K4NP	TN	2,464	44	44	0	28
N4SR	TN	2,160	40	40	0	27
W4UT	TN	1,885	36	29	7	29
KS4X	TN	851 576	25	12	13	23
N4DW N2WN	TN TN	576 324	18 14	18 13	0 1	16 12
TAT AN TA	1 1 N	J4 <del>4</del>	14	1 3	1	14

Outside Ohio - By State

Callsign	QTH	Score	QSOs	CW	PH	Mults
W4GDG N3TG K4ORD KJ4OAP KJ4SZL	VA VA VA VA	11,799 10,725 6,888 1,073 144	111 98 82 37 12	60 45 82 0 0	51 53 0 37 12	69 75 42 29 12
WA5SOG	AR	7,897	86	63	23	53
W5WZ KD5IUZ	LA LA	726 210	23 15	10 0	13 15	22 14
AG5S	NM	874	32	6	26	23
AA5JG NE3M	OK OK	12,978 25	112 5	94 0	18 5	63 5
WA8ZBT W5ASP NW5Q NM5M	TX TX TX TX	2,695 2,640 1,364 200	45 44 44 10	32 44 0 10	13 0 44 0	35 30 31 10
WA6KHK W6OAT WA6URY W6KC K6CSL N6WIN K6JB NC6Q KG6YPH K6K	CA	9,072 4,320 2,844 1,682 420 88 25 8 4	100 62 47 36 17 8 5 2 2	44 58 32 22 11 3 0 2 0 1	56 4 15 14 6 5 5 0 2	63 36 36 29 15 8 5 2 2
N6MA W6RLL W7ON W0PAN N7VS	AZ AZ AZ AZ OR	24,153 4,848 1,066 56 946	174 61 32 8 25	117 40 9 0 18	57 21 23 8 7	83 48 26 7 22
KD7ZLF WO7V	OR OR	100 24	10 4	0 2	10 2	10 4
N7EIE KC7YE W7GKF K2AVI	WA WA WA	1,470 288 240 30	35 12 12 6	35 12 8 0	0 0 4 6	21 12 12 5

Outside Ohio - By State

Callsign	QTH	Score	QSOs	CW	PH	Mults
K8MM	MI	38,734	231	131	100	107
WD8S	MI	16,810	156	49	107	82
W9KB	MI	11,616	107	69	38	66
K8GT	MI	8,965	92	71	21	55
K8AAX	MI	8,520	89	53	36	60
WA8REI	MI	6,364	75	73	2	43
K8GVK	MI	4,664	65	23	42	53
KD8GRG	MI	1,802	53	0	53	34
NF8M	MI	1,152	29	19	10	24
AC8ZX	MI	702	27	0	27	26
K8JQ	WV	49,028	312	100	212	119
W3GEG	WV	3,300	75	0	75	44
W9QL	IL	13,317	193	0	193	69
N9BT	IL	1,058	30	16	14	23
N9VPV	IL	957	33	0	33	29
N9LJX	IN	5,969	79	48	31	47
N9FC	IN	4,056	52	52	0	39
KC9TTR	IN	3,055	65	0	65	47
KR9E	IN	957	33	0	33	29
KB9OWD	WI	17,933	168	59	109	79
K1TN	WI	7,182	87	84	3	42
KC9MEA	WI	2,788	45	23	22	41
N8YHA	WI	1,485	45	0	45	33
W6GMT	MN	3,360	48	48	0	35
K0JPL	MO	10,626	100	54	46	69
AA0A	MO	5,445	99	0	99	55
W7KAM	MO	2,852	62	0	62	46
W0NFS	MO	130	13	0	13	10
WB0YYE	NE	1,288	46	0	46	28
VA3GKO	ON	3,276	78	0	78	42
VE3HG	ON	754	29	0	29	26
VE3GTC	ON	540	18	18	0	15
DL2HBX	DX	37,557	219	132	87	107
OM2VL	DX	24,056	170	78	92	97
DK2OY	DX	406	15	14	1	14
IV3AOL	DX	128	8	8	0	8
EA6AZ	DX	117	9	4	5	9
PG2AA	DX	72	6	6	0	6
SM0BYD	DX	49	7	0	7	7

### **Soapbox Comments**

Set-up portable station in 5 counties, beautiful weather and good time was had by all. - ab8dd

Had a great time activating Holmes county. Set up field day style at a local equipment rental, used his high lift as the center support for my 80m inverted v antenna. I knew it was going to be a good day when our first contact was a station in Germany. Ran out of gas in the generator with 8 minutes to go. After a quick refill, found k8dv running our frequency that we were on. after we completed our exchange, he gave us back the frequency to use. We wanted to say thank you for being such the sportsman. We had a great time and look forward to doing it again next year. - ac8ge

Expected more activity - dk2oy

Even more fun than last year. lots of moves from cw to ssb helped to bump up the score by 20 percent. particular thanks to the mobile stations and to my host DF9LJ. - dl2hbx

My first OH goo party. Looking for counties and giving the chance to work ea6 all others. 73 and good job. - ea6az

Trs Yaesu FT817 5 watt, antenna g3txq hex beam - iv3aol

Sorry for the reporting delay. I was exhausted immediately after the contest and then Sunday I spent all day preparing for, hosting, and cleaning-up after my daughter's 7th birthday party. I put up the NVIS dipole for 80 meters again and prepared a better SO2R setup. 2 computers running Writelog networked solves the problem of not having an SO2R box to direct cw keying to the proper radio. I used volume controls to manage audio. However, I neglected to apply SO2R principles to propagation, which favored 40 meters this year instead of 75 meters. My 40 meter vertical which works great for dx really sucks as an NVIS antenna. Wonder if that null straight up has anything to do with the phenomenon? Even with low power, the 80 meter NVIS antenna played very well. So a low 40 dipole should have me covered next year. I must figure out how to keep track of the mobiles. Maybe the problem is that when the mobiles are too close, but not in ground wave range, I can't hear them. Maybe the 40 meter nvis antenna will fix this problem, too. My raw score was only marginally better than last year, by about 5%. A few more gos and and just 5 more multipliers. I counted 74 counties worked. I worked a number of European stations that were operating the YO DX contest. They would give me a serial number in exchange for my serial number (plus FAIR), which was kind of weird since their numbers were often much higher than mine. I operated 6 band-mode combinations, but didn't work any fixed stations 6 times. Worked K4BAI, K5KG, and K8AZ 5 times. Worked many stations 3 or 4 times. Worked DL2HBX 4 times and OM2VL 3 times.

k8mr, 7 counties

w9mse, 7 counties

wb8jui, 4 counties

w1nn, 5 counties

ae8m, 3 counties

k8rvu, 3 counties

ab8dd, 2 counties

Equipment: K3, ETO 91B (thanks, Jeff), ic765. 80 meter cage vertical, 80 meter dipole, 40 meter vertical, X7 up 60 feet, beverages. 2 computers and 2 Writelog instances. - k1lt

not a very big score, but fun anyway. - k6csl

Thanks to these rovers for all of the contacts:

Where were the Ohio stations? I could hear Kansas & Hawaii fine, but only one Ohio station for me. how about making the contest 24 - 30 hours? 12 hours just isn't enough! - k6k

Another year for a great contest - k8cr

Fun to once again have some sunspots and short skip! - k8mr

Congrats on great activity. - k8nz

Stellar ohio participation! Wow. I just wish conditions compared to the OH activity - this was pretty much a 1-band contest until 80m came to life late in the day. 75/80 was a ghost town this year in the first 6 hours, where last year it was buzzin with activity. 40m had short skip all day long which made for fun. I tried and tried and tried to get something going on 20 cw/ssb and spent way too much time there trying to eek out western mults that never showed. I spent some time on 15 ssb as the band was loud to the west coast and EU, but the rate was about the same as 20m (i.e. snooze-ville). Thanks for all the fun and effort that everyone put in. Special thanks to my host K4ZLE who put in many hours getting the station ready for me. antennas: 80m dipole @ 60', 40m dipole @ 40', c4 @ 70'. 73, Kenny k2kw - k8o

Threw together a last minute operation and drove down from metro Detroit. We set up at the rest area on NB US 23 just south of Carey with a FD style operation. The weather cooperated and even did its part to keep the bugs away with a constant 5 mph breeze! 40m was great. we packed up at 7 pm to head back to MI as the 'skeeters were on the attack. Thanks to the ODOT personnel at the rest area that gave us permission to operate. Glad we could put WYAN on the air. 73! - ka8o

Fun contest operating portable from my parents home in Fulton county. Used IC-703 and new Carolina windom at 35 ft.. Favorite contact was with wa8pge who reported qrp using 1/2 watt. Would encourage anyone who wants to experience what a dxpedition can be like to try operating one of these contests as a portable in a rare county. - ka9rsl

Really enjoyed the contest - kb8maf

Enjoyed the QP, 5 new oh counties on cw. op in qso party & watched NFL preseason game - life is good! - kc7ye

Had a great time. looking forward to next year. - kc8wh

Perfect 40 meter propagation into oh this year, - kc9mea

fun! - kc9ttr

Not a contest person, never entered one, so not prepared for one. but did have fun trying. - kd8cj

Had the dipole pointed more toward Kansas to work their qso party. still picked up these stations on 40m. thanks for running the contest! - kj4oap

I had fun working the cw stations, it is not true all the Ohio cw operators have retired and moved to west florida. I had a problem finding the mobile operators. Working three gso parties messed up my nap schedule - kn4y

Always great to participate in my home state qso party. only 4 1/2 hours to play this time. - kt4q

Conditions were quite different than last year. 80 meters was a bust this year for the first seven hours. It appeared to be open but there was nobody there. 40 meters was open to Ohio for almost the entire contest. What a change that was!!! 20 was open but not that many stations there to be worked. 15 appeared to be open but very few stations on that band at all. Heard quite a few OH stations there but very few of them actually heard me. 10 was open to SA but couldn't entice any of them into an OHQP qso. Anyway, conditions were good and all bands were pretty quiet. I'm sure the hurricane kept some east coast stations off of the air also. That's all part of the game - adjust as necessary. I adjusted. Time will tell if it was a good or a bad adjustment. Once again, we had a bunch of mobiles running around the state. Here are the total q's I managed with them:

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w9mse - 24
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k8mr - 15

w1nn - 12

k8rvu - 8

wb8jui - 7

ae8m - 6

n9fn -3

Thanks to each of them for continuing to make this event what it is - enjoyable and fun.

Thanks for all of the qso's and I'll look for you all once again next year. - kv8q

Had lots of in the shack problems all morning trying to get things going. 40 meter radio had receiver issues so missed the first two hours on 40 meters. Had to swap out a radio to finally get going there, great to have short skip on 40 meters pretty much the whole duration the rest of the way. - kw8n

Vy interesting working as N1L (acronym for N)ot 1)n L)og) from a very rare county (Brown) during the Ohio QSO Party. I reiterate for the sake of those who questioned why I chose the call: in one simple phrase - "just for the fish (halibut!)" If you can't have a bit of fun whilst operating, you're nigh to being 6' under ground! Location was fine, but primitive, but very quiet (rf wise and human traffic wise), at the Della Gates & Edward Charles Bott Wildlife Area, about 6 miles south of Blanchester, on the Brown/Clermont border. (I could have moved the antenna about 500 feet and been in Clermont county!) Thanks to the Ohio Department of Natural Resources for permission to be there after normal closing hours. Attempted to start on 20 metres, tried it for an hour, worked on 7 q's - mizzerable luck. Wondered if the apparent high noise level was because of local interference (though I was >500 feet from a power line or other possible sources of local qrn). Glad to hear from other folks that 20 metres was generally a bust. Antenna was "plan b" - I tried shooting a fish line over trees, about 40 to 50' high, but after a few attempts at "tennis ball eating trees" I gave up and hoisted the center of the antenna @ 32' with my trusty army surplus mast and used it as an inverted "v."

Either conditions were better during last year's effort, or signals were down. Worked only 198 q's before giving up around

Either conditions were better during last year's effort, or signals were down. Worked only 198 q's before giving up around 0230z with very low rate on 80 cw, few were listening for a pipsquoke signals on 80 cw, worked all the s&p'ers I could find and the mobiles were either s&p or too weak for me to be heard. (Dratz! I missed brown county with a mobile trundled through - never heard him call a single cq - only s&p.). Thanks to the Ohio QSO Party organizers for a great event!

- N1L (N8XX, opr)

4th Ohio qso party - n1nn

I had a delightful time although I was exhausted after the contest. I am 71 yrs old and have diabetes pretty bad. Band condx were very good between here and Ohio. It was nice working old friends and making new ones. tnx to the mobiles/portables and rovers for an exciting time. tnx to the promoters of the event for making it success. qrp is not for sissies - it's fun. try it. - n4jf

Had a great time, as always - n8h

Enjoyed OQP - n8jk

40 meters died 8 minutes after arriving in Ohio. We landed at Leipsic and added 29 feet of wire and hit the airwaves on 75 phone. It worked great. In less than an hour, we added 73 q's to the log. We were in the air for a total of 2 hour and 5 minutes from Fort Wayne Smith Field. We burned 13 gallons of fuel at \$5.50 a gallon. 98 cents a QSO! - n8kr/am

Started late but had fun, can't wait until next year - n8wb

Lots of fun, plenty of Ohio stations on. I should have started earlier. - n9bt

The N9FN, K9FN, and K9NN rover team had a great time in AUGL and MERC counties this year. Weather was perfect and dale's double extended zepp and Johnson matchbox played very well this year. For the first time we ran into a station (k8dv) with >999 serial number and writelog didn't allow that. Edited the cabrillo to fix that, and steve has already updated the OHQP module for Writelog for next year. - n9fn

Please use as a check log. I found conditions to be very bad for my little attic dipole out here in California. - nc6q

Great contest as always. enjoyed it very much. see you all next year. - nd3r

I enjoyed this contest very much! 73s to all from Miller City, Ohio - no8c

QRP ssb 10 watts only - nr8u

Two qso parties were on this weekend: Kansas and Ohio. Also YO DX contest on cw/ssb and SCC RTTY contest. during the whole week i was thinking about which qp party to take part in. there were three possibilities

- 1. Kansas
- 2. Ohio

#### 3. Kansas and Ohio

KSQP had started 2 hours earlier so I began making qso on this party. As to make Kansas stations is more difficult I thought I will do it during the Ohio party, so the same time two parties, because from Kansas I have confirmed only ten counties I paid more attention to Kansas stations. As I took part in two parties, it is not possible to win any of them. I think I missed many mobiles from OH when I made contacts with mobiles from Kansas - backwards was the same. The qrm from European stations in contests was terrible, so it was hard to found mobiles around 14,040. on 7mhz around 7040 it was impossible to hear any station because of rtty. Despite of all these facts my score is not so bad. Worked 46 mults on cw and 52 mults on ssb, total 61 different counties.

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Top gsos:
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k8mr/m 27/16 (qso/cty)

w1nn/8 11/8

wb8jui 8/3

k9nw 5/1

w9mse 4/4

ae8m/m 3/3

Thanks for the gsos. please your gsls for my us county award. Congrats to dl2hbx for nice score! 73, Laci - om2vl

Used a FT897D and 40w and a dipole antenna. - pg2aa

Hi and thanks for the qso's - sm0byd

Had only a little time to play but was fun. - ve3gtc

nice to hear so much activity with many mobiles active.

rig was ftdx5000 and butternut hf6v vertical.

- wlend

thanks for all of the contacts. - w6rll

good propagation this year. nice signals. - w8bd

we need some slower cw ops. - w8hog

transcribed from paper log. sorry late, busy at work... - w8lbz

"hey, tnx for the new one" - heard this comment many times - w8lo

great contest - w8met

Had a great time, scored within 1000 points of my previous high. thanks to all, especially the 5 OH ops who offered the loan of a rig, and to Hal, W1NN, for the use of his rig. Hope to be back next year. - w9mse

I had a good time again this year and scored a little better than 2010. as usual, thanks to the rovers who helped with multipliers and rare counties. hope to see you again next year. - w9ql

with all the ohio stations that have called me over the years, I figured I can give out a few Alabama points. 73 bob walfen - walfen

Good level of participation in this qso party. this was the rough week end - wa6khk

the usual amounts of fun and frustration from being in a needed county. - wa8kiw

great party with lots of participation. - wa8rei

good condx and no storms. couldn't be better. - wa8yvf

hope to have better antennas in the future... 73's all - wb0yye

COUNTY	Total	CW	SSB	COUNTY	Total	CW	SSB
ADAM	66	54	12	LICK	515	195	320
ALLE	321	54 21	300	LOGA	63	20	43
ASHL	129	77	52	LORA	867	450	417
ASHT	245	30	52 215	LUCA	169	93	76
ATHE	212	30	182	MAHO	275	20	255
AUGL	226	30 32	194	MADI	150	132	18
BELM	200	23	177	MARI	17	17	0
BROW	169	102	67	MEDI	756	225	531
BUTL	1029	568	461	MEIG	261	19	242
CARR	120	50	701	MERC	471	227	244
CHAM	580	215	70 365	MIAM	159	Z Z /	105
CLAR	274	36	238	MONR	43	54 32	11
CLER	558	285	273	MONT	954	60	894
CLIN	152	18	134	MORG	55	38	17
	263	20	243	MORR	241	232	9
COLU	72	54				232	286
COSH	205	5 <del>4</del>	18 159	MUSK NOBL	369 111	83 73 66	200
CRAW	1251	46 471	780		282	/ S	38 216
CUYA				OTTA	282	00	216
DARK	208	7	201	PAUL	33 23	1 17	32 6
DEFI	110	2	108	PERR	23	1/	b 246
DELA	1605	905	700	PICK	367	21	346
ERIE	230	103	127	PIKE	133	46 35	87 86
FAIR	741	303	438	PORT	121	35	86 221
FAYE	126	19	107	PREB	223	2	221
FRAN	931	322	609	PUTN	296	147	149
FULT	61	1	60	RICH	153	62	91 13
GALL	280	17	263	ROSS	28	15	13
GEAU	400	165	235	SAND	162	81	81
GREE	546	245	301	SCIO	97	32 178	65 172
GUER	96	32	64	SENE	350	1/8	1/2
HAMI	1002	296	706	SHEL	90	29 14	61 175
HANC	235	122	113	STAR	189	14	175
HARD	87	20	67	SUMM	345	144	201
HARR	69	22	47 15 283	TRUM	394	80	314
HENR	16	1 3	15	TUSC	114	31 13	83
HIGH	286	3	283	UNIO	47	13	34
HOCK	137	44	93 212	VANW	271	106	165
HOLM	214	2	212	VINT	58	5	53 549
HURO	388	325	63	WARR	1095	546	549
JACK	103	39	64	WASH	225	32	193
JEFF	400	170	230	WAYN	301	54	247
KNOX	61	41	20	WILL	223	68	155
LAKE	752	226	20 526	WOOD	181	10	171
LAWR	117	31	86	WYAN	345	147	198

QTH	Total	CW	SSB	QТH	Total	CW	SSB
СТ	115	41	74	MT	21	12 2	9
MA	137	69	68	NV	20	2	18 85 52
ME	38	3	35	OR	113	28	85
NH	137	74	63	UT	67	15	52
RI	11 13	0	11	WA	292	175	117
VT	13	2	11	WY	42	4	38
NJ	163	34	129	MI	1285	611	674
NY	594	143	451	WV	659	258	401
DE	73	38	35	IL	780	147	633
MD	389	238	151	IN	836	291	545
PA	1177	423	754	WI	591	329	262
AL	519	271	248	CO	219	46	173
FL	955	530	425	IA	201	90	111
GA	501	232	269	KS	350	48	302
KY	181	8	173	MN	279	188	91
NC	393	207	186	MO	374	90	284
SC	131	10	121	NE	96	16 11	80
TN	1103	794	309	ND	55 5	11	44
VA	741	309	432	SD	5	0	5
AR	245	185	60	NS	42	13	80 44 5 29 27
LA	132	10	122	QC	27	0	27
MS	80	13	67	ON	324	101	223
NM	99	12	87_	MB	32 2 8	1	31
OK	221	106	115	SK	2	0	2
TX	982	506	476	AB	8	0	8
CA	862	288	574	ВС	20	2	18
HI	72 5	12	60	NWT	0	Ü	31 2 8 18 0 8 0 2
AK	5	0	5	NB	8	0	8
AZ	375 57	169	206 24	PEI	0 2	0	Ü
ID	5/	33	24	NL	2	0	2

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