# 2006 Ohio QSO Party Results

The 2006 Ohio QSO Party began in grand style. The propagation gods had smiled, and provided short skip on the bread and butter band, 40 meters. Buckeyes were working other Buckeyes, not to mention lots of other friends from nearby states. Twenty meters was working well too, and even a few contrarians were found on 75 SSB.

But about 2 hours in, those same gods said "enough", and turned off the switch. For the rest of the day there were very few in state qsos, mostly very local ones or ones between people at far opposite ends of the state. But the out of state activity held in there, keeping the bands hopping until the crowds wandered down to 80 meters. The normal summertime QRN was there, but nothing like the storms we had to contend with in 2005.

When it all cleared, we had several first time category winners in Ohio, and several new records from out of state. 204 logs were submited, 86 from Ohio and 117 from out of state. Twenty-six Ohio clubs listed scores - is your local club among them?

# Words

### Ohio

#### **Single Operator**

The top single operator score in Ohio was by Joe Papworth, K8MP, in Delaware County, in the High Power category. Following him in the high power category were John Bastin, K8AJS, and Dave Balint, N8IW, both from Wayne County. The low power single operator winner was Paul Hurm, N8OT, from Butler County. Jeff VanMeter, KA8HQL took second from Perry County, with Erie county's Dan Kovach, W8CAR in show. Reporting the QRP category is easy: just cut and paste from last year. Dan Shepherd, N8IE, of Dayton, is probably running out of space on his walls for all his QRP awards, adding OQP 2006 to the list. CW only efforts by Paul Kirley, W8TM and Alan Moriarty, N8CX followed.

#### **Multi Operator**

The N8HR operation from WZ8P's station in Zanesville found a good CW operator (OQP web geek N8VW) to add to their usual excellent phone effort in the multioperator category, but still came up short of the crew operating K8MAD at K9TM's QTH in Sylvania (Lucas county). The K8MAD operation was from the same station and with much of the same crew that holds the OQP multiop record as K8O in 2003.

#### Mobile

It only figures that people from Motown know how to drive, but the K8BB mobile team also knew how to operate. K8BB, with KK8I as the second operator, drove away from the competition while operating from 24 northern Ohio counties. K8MR and W8DRZ again headed southeast and took second place, with the one man band of Hal Offutt, W1NN, in third.

#### Rover

The rover category only drew one entry, but a very appreciated one it was. Ralph Metheny, K8RYU, along with KD8CWV, once again activated seven rare counties in southeast Ohio.

#### Club

The Queen City Emergency Net took Ohio club honors, led by good multioperator teams at K8DV and W8B, and the mobile efforts of N8TFD and AA8HH.

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#### Special

There were no big SSB only efforts this year. Although the biggest phone score was made by overall High Power winner K8MP, the SSB plaque goes to another mixed mode operation, by Bill Collins, W8BD, out in the far northwest corner on Ohio, Williams County. And although there is no plaque for the category, Columbus' Tom Hain, KV8Q, had the top CW score.

### **Outside Ohio**

Judging from the out of state winners, south was the place to be. Paul Newberry, N4PN, set a new single operator record from Macon, Georgia, with 380 qsos. A hundred miles from there, OQP founding father KU8E took low power honors, and another hundred miles away in Alabama, Jerry Fiore, N4JF was the QRP winner. And all three of those efforts are a big part of the reason that the South East Contest Club ran away with the out of state club victory.

#### **Special Honors**

DX honors go to Andreas Gilles, DL3GA. Kitty Hevener, WB8TDA, repeats as YL winner.

#### **Statistics**

All told, there were 11202 SSB and 17655 CW qsos reported. One could tell we are at a sunspot minimum, as there were only 4 qsos reported on each of 15 and 10 meters; six of those were W1NN/M and W8CAR working on both modes from two counties. We did have a good showing of Ohio's 88 counties. N4PN managed to work 84 of them on one mode or the other, missing only Knox, Marion, Monroe, and Union. The next most unique counties were worked by N4JF (83), K8IR (82), KU8E (81) and W2LHL (78). The ones missed by the top three, with the exception of Preble missed by N4JF and K8IR, were all different. The only county missed by 3 of these top 5 was Union, by N4PN, KU8E, and W2LHL.

#### 2007

The 2007 Ohio QSO Party will be held on Saturday, August 25. Note that the OQP is held on the fourth Saturday of August - not necessarily the last Saturday - so the really long range planners out there can mark down Saturday, August 23 for the 2008 event. Will the sunspots begin their return by then? Can we dodge August thunderstorms? Time will tell, but we hope you will all be back to join us for 2007 Ohio QSO Party.

# Plaques

#### Ohio

Category	Winner	Sponsor
Single Op High Power	Joe Papworth, K8MP	Findlay Radio Club
Single Op Low Power	Paul Hurm, N8OT	Cincinnati Buckeye Netters
Single Op QRP	Dan Shepherd, N8IE	Kanga US
Single Op Phone	Bill Collins, W8BD	Muskingum Ham Radio Club
Multioperator	K8MAD	Wayne Amateur Radio Club
Mobile	Don Chisholm, K8BB	Lake County ARA

YL	Kitty Hevener, WB8TDA	Buckeye Belles
Club	Queen City Emergency Net	Mad River Radio Club

# **Outside Ohio**

Category	Winner	Sponsor
Single Op High Power	Paul Newberry, N4PN	Muskingum Ham Radio Club
Single Op Low Power	Jeff Clarke, KU8E	Canton Radio Club
Single Op QRP	Jerry Fiore, N4JF	Pat Collins, N8VW
Single Op DX	Andreas Gille, DL3GA	Northern Ohio DX Association

# **Ohio Results**

### **High Power**

Callsign	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	County	Club
K8MP	320	80	332	87	652	167	162324	DELA	Delaware Amateur Radio Association
K8AJS	357	94	194	58	551	152	138016	WAYN	Wayne Amateur Radio Club
N8IW	270	72	43	24	313	96	55968	WAYN	Wayne Amateur Radio Club
W8WTS	179	60	80	43	259	103	45114	GEAU	
AE8M	184	63	46	26	230	89	36846	HAMI	
N8BJQ	182	59	0	0	182	59	21476	CHAM	Southwest Ohio DX Association
NC8V	20	18	181	64	201	82	18122	ATHE	Athens County Amateur Radio Association
AD8P	30	17	156	49	186	66	14256	ALLE	
WW8OH	0	0	143	64	143	64	9152	LICK	Central Ohio Operators Klub Extra-Novice

#### Low Power

Callsign	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	County	Club
N8OT	240	82	148	65	388	147	92316	BUTL	
KA8HQL	225	72	193	71	418	143	91949	PERR	
W8CAR	248	64	159	61	407	125	81875	ERIE	North Coast Contesters
KV8Q	368	97	0	0	368	97	71392	FRAN	

WB8JUI	298	87	32	24	330	111	69708	SENE	
K8NVR	197	65	134	65	331	130	68640	MEDI	Medina 2 Meter Group
KF8HR	233	81	74	38	307	119	64260	CLIN	Highland Amateur Radio Association
WB8CEH	170	64	71	45	241	109	44799	GREE	XWARN
W8BD	60	28	273	82	333	110	43230	WILL	Maumee Valley Contest Club
WT8C	35	24	228	72	263	96	28608	LAKE	Lake County Amateur Radio Association
W8IDM	181	68	4	4	185	72	26352	OTTA	West Park Radio-ops
N9AUG	156	79	0	0	156	79	24648	DELA	Delaware Amateur Radio Association
KD5LNO	0	0	232	88	232	88	20416	MAHO	
N9FN	0	0	256	77	256	77	19712	MERC	Society of Midwest Contesters
K8WDN	123	72	1	1	124	73	18031	MADI	
N8BY	0	0	190	70	190	70	13300	CUYA	
KR5N	32	23	89	49	121	72	11016	WASH	Marietta Amateur Radio Club
K3RC	87	47	12	12	99	59	10974	WOOD	
WD8LQB	103	42	6	6	109	48	10176	HAMI	
WB8TDA	80	45	12	10	92	55	9460	HAMI	Queen City Emergency Net
N8GB	0	0	150	58	150	58	8700	LAKE	Lake County Amateur Radio Association
WB9LBI	95	44	0	0	95	44	8360	PORT	Portage County Amateur Radio Service
W8HH	0	0	133	57	133	57	7581	WASH	Marietta Amateur Radio Club
WA8TWM	0	0	112	58	112	58	6496	LAKE	Lake County Amateur Radio Association
K2KW	57	26	29	18	86	44	6292	WARR	
WD8AJF	77	39	0	0	77	39	6006	LORA	West Park Radio-ops
W8PN	69	43	0	0	69	43	5934	CUYA	West Park Radio-ops
K8SM	47	34	18	16	65	50	5600	LICK	Central Ohio Operators Klub Extra-Novice
W3BBO	75	35	0	0	75	35	5250	ASHT	
W8WTD	0	0	76	47	76	47	3572	HAMI	Queen City Emergency Net

W8ASA	0	0	63	35	63	35	2205	MONT	
N8XWO	0	0	56	37	56	37	2072	ATHE	Athens County Amateur Radio Association
NR8U	0	0	54	38	54	38	2052	LICK	Central Ohio Operators Klub Extra-Novice
K8YM	0	0	53	38	53	38	2014	TRUM	North Coast Contesters
KB8PAI	0	0	50	36	50	36	1800	LUCA	
KG9Z	17	14	16	14	33	28	1400	WAYN	Wayne Amateur Radio Club
KC8OVB	0	0	45	31	45	31	1395	ATHE	Athens County Amateur Radio Association
W8GC	5	5	32	24	37	29	1218	CUYA	Cuyahoga Amateur Radio Socity
K4UK	32	17	0	0	32	17	1088	TUSC	
N8VZ	0	0	40	24	40	24	960	ATHE	Athens County Amateur Radio Association
W8KRF	0	0	30	22	30	22	660	CUYA	Northern Ohio Amateur Radio Society
W8KNO	0	0	27	21	27	21	567	PORT	Mad River Radio Club
N8ZZV	0	0	22	16	22	16	352	WARR	Queen City Emergency Net
WA8SSQ	0	0	22	15	22	15	330	MEDI	
W8UL	0	0	16	15	16	15	240	LICK	Central Ohio Operators Klub Extra-Novice
KD8ACO	0	0	18	13	18	13	234	CUYA	Lake Erie Amateur Radio Association
WA8YRS	0	0	12	9	12	9	108	KNOX	
KB8UUZ	0	0	10	10	10	10	100	PORT	Portage County Amateur Radio Service
KD8AUQ	0	0	4	4	4	4	16	LORA	
WA8MWA	1	1	0	0	1	1	2	FRAN	

## QRP

Callsign	CW QSOs	<b>CW Mults</b>	PH QSOs	PH Mults	Total QSOs	<b>Total Mults</b>	Score	<b>County Club</b>
N8IE	120	58	132	59	252	117	43524	MONT
W8TM	83	44	0	0	83	44	7304	HAMI
N8CX	64	40	0	0	64	40	5120	CUYA
K8WFL	0	0	74	41	74	41	3034	LAKE

### **Multi-Operator**

Callsign	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	County	Club
K8MAD	473	101	1001	111	1474	212	412764	LUCA	Mad River Radio Club
N8HR	454	103	752	111	1206	214	355240	MUSK	Muskingum Ham Radio Club
K8DV	305	81	313	90	618	171	157833	CLER	Queen City Emergency Net
W8B	278	93	65	41	343	134	83214	BROW	Queen City Emergency Net
W8VM	143	58	19	17	162	75	22875	HURO	West Park Radio-ops
N8IHI	62	27	74	39	136	66	13068	ASHL	Ashland Area Amateur Radio Club
W8FT	0	0	217	49	217	49	10633	HANC	Findlay Radio Club
K8BLP	0	0	101	56	101	56	5656	COLU	Triangle Amateur Radio Club

### Operators

Callsign	Operators
K8MAD	K8CC WD8S K9TM
N8HR	WZ8P N8VW W8FHF WX8J KE8YP
K8DV	K8CR AA8P KZ4G K8DV
W8B	KC8KKC KE4LDS N8XX WB8FGE W9OBQ
W8FT	N8RMF N8RMT Seth Calvin
W8VM	K8AB AF8C

# **Outside Ohio Results**

### **High Power**

Call	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	State	Club
N4PN	183	80	200	67	383	147	83202	GA	
N8II	129	56	185	63	314	119	52717	WV	
W9IU	133	67	103	44	236	111	40959	IN	Society of Midwest Contesters
W0BH	114	55	131	50	245	105	37695	KS	
K4LTA	231	75	0	0	231	75	34650	TN	Tennessee Contest Group
K4ZGB	89	51	71	39	160	90	22410	AL	

K6RB	90	56	18	18	108	74	14652	CA	Northern California Contest Club
DL3GA	105	64	0	0	105	64	13440	DX	
DL5AWI	95	62	0	0	95	62	11780	DX	CGCG
CU2JT	82	55	0	0	82	55	9020	DX	
OK1AOV	68	52	0	0	68	52	7072	DX	
W8MJ	57	39	11	8	68	47	5875	MI	Mad River Radio Club
KN4Y	58	41	0	0	58	41	4756	FL	Florida Contest Group
N4GG	29	25	21	18	50	43	3397	GA	South East Contest Club
KF3CV	42	30	0	0	42	30	2520	MD	
W4NTI	29	25	10	8	39	33	2244	AL	South East Contest Club
K3ZT	0	0	56	37	56	37	2072	PA	
K9JIG	0	0	54	33	54	33	1782	WI	Northeast Wisconsin DX Association
AB8S	23	19	0	0	23	19	874	WV	
KD2HE	21	18	0	0	21	18	756	NY	Frankford Radio Club
K0UK	12	11	4	4	16	15	420	СО	Grand Mesa Contesters of Colorado SKI BUMS #2
W5JLR	0	0	6	6	6	6	36	ΤX	South Texas Dx and Contest Club

#### Low Power

Call	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score State Club	
KU8E	189	76	122	63	311	139	69500 GA South I	East Contest Club
K8IR	209	76	96	47	305	123	63222 MI Bay Ar	ea Wireless Assn
W2LHL	166	75	23	18	189	93	33015 NJ	
K0IO	143	62	43	26	186	88	28952 IA	
K7RL	106	58	62	36	168	94	25756 WA Wester Club	n Washington DX
K4AMC	132	62	35	24	167	86	25714 TN	
NA4K	90	51	39	26	129	77	16863 TN Tennes	see Contest Group
K5UV	101	61	13	13	114	74	15910 OK	
W0VX	83	46	37	24	120	70	14210 TX North	Texas Contest Club
N3RJ	71	37	53	34	124	71	13845 PA	

	04	72	0	0	04	72	12704	МА	
W1DWA	94	73	0	0	94 102	73	13724		
K8ZZV	44	31	79	45	123	76	12692	WI	
N2CU	85	44	24	21	109	65	12610	NY	Western New York Contest Club
NA9U	75	41	33	20	108	61	11163	IN	
WF5X	58	39	43	31	101	70	11130	MI	
KS0T	67	47	23	19	90	66	10362	MN	Minnesota Wireless Assn
WE9N	74	51	15	11	89	62	10106	IN	Society of Midwest Contesters
W2CVW	69	53	5	5	74	58	8294	NJ	
K4HAL	89	45	0	0	89	45	8010	AL	South East Contest Club
W3AG	63	37	16	14	79	51	7242	PA	Mad River Radio Club
W7GVE	69	42	0	0	69	42	5796	AZ	
NN3W	43	28	28	18	71	46	5244	VA	Potomac Valley Radio Club
KOMPH	53	37	10	8	63	45	5220	MN	Minnesota Wireless Assn
K4BAI	56	39	4	4	60	43	4988	GA	South East Contest Club
W6RLL	55	43	0	0	55	43	4730	AZ	Central Arizona DX Assn
W2LRO	47	33	14	10	61	43	4644	NJ	
N2ZU	58	39	0	0	58	39	4524	NJ	
<b>PA3ARM</b>	48	40	0	0	48	40	3840	DX	
NA3V	31	25	22	18	53	43	3612	PA	
NOAT	38	30	11	11	49	41	3567	MN	
N8CQA	24	19	34	22	58	41	3362	MI	South East Michigan DX Association
KOLWV	32	23	21	16	53	39	3315	MO	
KI4EGT	45	36	0	0	45	36	3240	GA	
W9AEM	29	28	16	15	45	43	3182	WI	
VE7NH	43	35	0	0	43	35	3010	BC	
W4TMN	0	0	64	39	64	39	2496	VA	Potomac Valley Radio Club
W4YA	41	29	0	0	41	29	2378	FL	Florida Contest Group
N4PJ	39	27	0	0	39	27	2106	FL	Florida Contest Group
KB9YGD	30	21	10	8	40	29	2030	IN	
W9EMT	0	0	50	33	50	33	1650	IN	Queen City Emergency Net
W5TD	21	17	9	9	30	26	1326	OK	Lawton Fort Sill ARC

W8RU	26	20	0	0	26	20	1040	MI	Mad River Radio Club
WB2ATZ	6	5	29	20	35	25	1025	NY	
K8GVK	6	5	27	21	33	26	1014	MI	
WA4OSD	19	17	6	6	25	23	1012	TN	Tennessee Contest Group
W2WC	25	19	0	0	25	19	950	NY	
AJ3J	0	0	36	26	36	26	936	PA	
W3DYA	25	17	0	0	25	17	850	ТΧ	
K8VFR	22	18	0	0	22	18	792	MI	
NF8M	19	16	0	0	19	16	608	MI	
N2IXX	0	0	30	20	30	20	600	SC	
K3VED	0	0	28	21	28	21	588	PA	
KA6MAL	8	7	14	12	22	19	570	CA	
VA3IX	0	0	28	20	28	20	560	ON	
KD5TXL	0	0	25	21	25	21	525	OK	
VE5BC	0	0	25	21	25	21	525	SK	
KOLDS	18	14	0	0	18	14	504	CO	
KJ5RC	0	0	26	19	26	19	494	MS	
KA3FZN	0	0	23	20	23	20	460	PA	
VE2AWR	10	9	3	3	13	12	276	QC	
WA5ZUP	0	0	18	15	18	15	270	NM	
AI4ME	0	0	17	11	17	11	187	VA	
VA7MJR	0	0	13	13	13	13	169	BC	
WA3EOP	0	0	13	13	13	13	169	MD	
NA2H	0	0	14	11	14	11	154	NY	
WA5SWN	0	0	13	11	13	11	143	KS	
AD5QB	10	7	0	0	10	7	140	ΤX	
K6CSL	7	5	2	2	9	7	112	CA	Northern California Contest Club
W5DMB	0	0	11	10	11	10	110	ΤХ	
AC0DQ	0	0	12	9	12	9	108	NE	
KA3VRW	0	0	12	9	12	9	108	PA	
WA4VAP	6	6	1	1	7	7	91	KY	
K3LGM	0	0	10	9	10	9	90	ТΧ	

KD7DCA	0	0	8	8	8	8	64	AZ
VE4LR	0	0	5	5	5	5	25	MB
KC7FPB	0	0	4	4	4	4	16	OR
KE7FKX	0	0	4	4	4	4	16	WA
K5WW	0	0	1	1	1	1	1	TX
KB5DRJ	0	0	1	1	1	1	1	TX

### QRP

Call	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	State	Club
N4JF	184	79	63	36	247	115	49565	AL	South East Contest Club
K3TW	132	61	54	40	186	101	32118	MD	Potomac Valley Radio Club
NA4BW	82	47	36	28	118	75	15000	GA	South East Contest Club
WA8ZBT	66	45	29	23	95	68	10948	ΤХ	
KC5R	52	35	22	19	74	54	6804	LA	
K7TQ	44	31	0	0	44	31	2728	ID	
W5JBV	40	28	3	3	43	31	2573	FL	
W0PQ	40	31	0	0	40	31	2480	NE	
VA3RKM	25	19	6	6	31	25	1400	ON	Contest Club Ontario
KD2MX	28	22	0	0	28	22	1232	NJ	
NA2X	16	16	0	0	16	16	512	NY	
K3MD	10	8	0	0	10	8	160	PA	

### **Multi-Operator**

Call	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score State Club
K1KAA	0	0	72	41	72	41	2952 MA Hampden County Radio Association

### Mobile

Call	CW QSOs	<b>CW Mults</b>	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	State	Club
K4UK	29	19	0	0	29	19	1102	WV VA	

### Operators

# CallsignOperatorsK1KAAK1KAA KB1FWM

# Mobile & Rover

#### Mobile

Callsign	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	# Counties	Club
K8BB	675	73	94	49	769	122	176168	24	
K8MR	563	67	132	53	695	120	150960	22	Northern Ohio DX Association
W1NN	471	65	116	48	587	113	119554	10	
КЈ9С	572	70	35	17	607	87	102573	21	Society of Midwest Contesters
W8TK	468	55	84	40	552	95	96900	19	Caribbean Contest Consortium
AF8A	605	61	31	12	636	73	90593	21	Wayne Amateur Radio Club
N8TFD	333	61	96	43	429	104	79248	15	Queen City Emergency Net
AD8J	377	66	42	19	419	85	67660	10	
W8UE	442	61	0	0	442	61	53924	15	
AA8HH	171	50	35	18	206	68	25636	16	Queen City Emergency Net
W8MRG	0	0	66	29	66	29	1914	15	Queen City Emergency Net
K4UK	32	17	0	0	32	17	1088	4	
KC8RSA	. 0	0	39	18	39	18	702	6	
KC8PD	0	0	16	15	16	15	240	1	Portage County Amateur Radio Service

#### Rover

Callsign	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	# Counties	Club
K8RYU	337	72	242	74	579	146	133736	7	Marietta Amateur Radio Club

### Operators

CallsignOperatorsAF8AAF8A W8AVK8BBK8BB KK8IK8MRK8MR W8DRZW8TKW8TK K4LTK8RYUK8RYU KD8CWV

# **Club Results**

**Outside Ohio** 

CLUB	SCORE	ENTRIES
South East Contest Club	235906	8
Tennessee Contest Group	105050	3
Society of Midwest Contesters	102130	2
Potomac Valley Radio Club	79716	3
Bay Area Wireless Assn	63222	1
Northern California Contest Club	29416	2
Western Washington DX Club	25756	1
Florida Contest Group	18480	3
Minnesota Wireless Assn	15582	2
North Texas Contest Club	14210	1
Western New York Contest Club	12610	1
CGCG	11780	1
Central Arizona DX Assn	4730	1
South East Michigan DX Association	3362	1
Hampden County Radio Assn	2952	1
Northeast Wisconsin DX Association	1782	1
Queen City Emergency Net	1650	1
Contest Club Ontario	1400	1
Lawton Fort Sill ARC	1326	1
Frankford Radio Club	756	1
Grand Mesa Contesters of Colorado SKI BUMS #2	420	1
South Texas Dx and Contest Club	36	1

### Ohio

CLUB	Score	Entries
Queen City Emergency Net	361229	8
Muskingum Ham Radio Club	355240	1
Wayne Amateur Radio Club	285977	4
Delaware Amateur Radio Association	186972	2
North Coast Contesters	167778	2
Marietta Amateur Radio Club	152333	3
Northern Ohio DX Association	150960	1
West Park Radio-ops	126568	5

Society of Midwest Contesters	122285	2
Caribbean Contest Consortium	96900	1
Medina 2 Meter Group	68640	1
Highland Amateur Radio Association	64260	1
XWARN	44799	1
Lake County Amateur Radio Association	43804	3
Athens County Amateur Radio Association	43703	4
Maumee Valley Contest Club	43230	1
South West Ohio DX Association	21476	1
Southwest Ohio DX Association	21476	1
Central Ohio Operators Klub Extra-Novice	17044	4
Ashland Area Amateur Radio Club	13068	1
Findlay Radio Club	10633	1
Portage County Amateur Radio Service	8700	3
Triangle Amateur Radio Club	5656	1
Cuyahoga Amateur Radio Socity	1218	1
Northern Ohio Amateur Radio Society	660	1
Lake Erie Amateur Radio Association (LEARA)	234	1

# Soapbox

AA8HH - Smoked one radio, backup wasn't much better, ready to throw out a cranky laptop and noisy inverter, propagation conditions stunk, isolated thunderstorms found us, had a good time. Highlight of the trip was a cold beer at a gas station in the middle of nowhere. AD8J - Great fun working the Europeans from the mobile. They were louder than many of the US stations. AJ3J - Congrats to "Mad River RC", nice contest. CU2JT - My first OHIO QSO Party. Unfortunately I had some other activities in the afternoon so I missed several hours of the start. The ongoing RTTY contest made it hard to work on 40m and I do not have an antenna for 80m. It was nice to work some 10-15 new counties in Ohio. My hope is that at least some of them will send a QSL. Next year, I will, hopefully, be better equipped antenna-wise so I put up a fight with that DL5 and OK1 competing with me. According to the rules I have seen, all stations were supposed to send a signal report. No one did, so I did not either. Thanks for a great contest with good activity and a special thanks to the guys spending the Saturday driving around Ohio just to give us a rare county. DL3GA - My first OQP, thanks for a lot of mobile activity. Hope to be on again next year. DL5AWI - It WAS A GREAT FUN AND I WORKED 3 NEW COUNTIES! ONLY ONE COUNTY TO FULL HOUSE IN OHIO! HOPE TO HAVE TIME NEXT YEAR ALSO! KOLWV - Thanks for the contest KOUK - Just didnt have the time to put in..had fun. K3MD - Could not raise anyone on 80 due to QRN. K3RC - First time I have submitted a contest log. Had a great time. **K3TW** - "Congratulations to the fine operators in Ohio for making this QSO Party so much fun. Conditions on 40m went long before dark, and the afternoon opening on 20m was very brief. Many thanks to the mobile stations for providing several rare counties and lots of multiple QSOs." K3ZT -

Fun Party - Lots of Ohio Stations on 40 Meters! K4UK - Operated mobile while on the way home from Madison, Ohio to Moneta, VA. Made qsos only when my wife was driving. Great fun putting out Ohio counties. Wished I could have operted more i Ohio, but us "old folks" had to get home before dark - Hi! Enjoyed the time I could spend in the QSO Party. K6CSL - Boy, Condx were terrible. These were the the only participating Ohio stations I heard. There were a few others, but they were down in the Extra band portions, where I can't operate. Hope condx are better for next year. K6RB - Bands below 20 were nonexistent, and there was a bunch of RTTY junk on 40, but I enjoyed myself nevertheless. K8AJS - Twenty and forty meters were long; I could work contacts in Europe but could hear virtually nothing of the mobiles in Ohio unless they were almost right next to me. I had only worked slightly more than two dozen Ohio counties until I finally got to eighty meters in the evening. The contest went well; the bands were relatively quiet (except for 80 meters, which was a real noise pit because of rain and storms in the area). Rates were good and many signals were very strong. I'll have to apologize to those I missed on 40 and 80 because of weak Ohio signals (on 40) and crashing high noise level (on 80). Maybe next year. K8BLP - Operated from our emergency operations trailer K8IR - I was again blessed with short skip on 20 most of the afternoon. 40 went long about an hour earlier than last year. 80/75 was noisy making copy of the mobile tough. A great contest, and thanks to who pulled me out. K8MAD - 40M was pretty difficult after the first two hours, but 20M was a seemingly bottomless pit of QSOs! K8RYU - Bands excellent for brief periods, especially at the open of the party, for about 2 hours conditions seemed quite good. After that, I'd call CQ, have a big pileup, but the band would crap out before all stations were worked. Just not enough sunspots. Temperatures were hot and the humidity made operating less than fun, an that did not change after dark. No breeze - but I guess no thunerstorms either. We had heavy rains on the way before the contest, but all dry thereafter. Sure wish everybody who is going to operat would sign up before hand on the web site. In some ways it is more important for the home stations to sign up than the mobile/rover stations. Given a list of active fixed stations, the mobiles can better plan their routes. K9JIG - Bad conditions here in NE WI. I was suprised to make as many Q as I did. KA8HQL - First time with this contest. I thought the band conditions were terrible. There did not seem like a whole lot of activity on 20 meters and local lightnening made for lots of static crashes on 40-80 meter. It was definitely a good time though. **KB8UUZ** - Obviously the bottom of the solar cycle. Just did not hear Ohio stations. Hopefully next year will be better. KB9YGD - tnx all for the wonderfull time es 73 KD2MX - Managed a few contacts here and there while unpacking from vacation. 40M was pretty good but 80M was very noisy and a tough go for qrp. KD5LNO - Had fun in my first OQP KD5TXL - Rough going this year. Thunderstorms moved in during evening so could only operate first part of the contest ... that is why my log is ready so soon! KE7FKX - Checklog KG9Z - Used a slinky dipole (Cliff Dweller) @ 20 feet. Limited time on but it was fun. KJ5RC - Enjoyed working the QSO Party KJ9C - Rain and Murphy made this one memorable. Saw a nice flock of wild turkeys. Need to work more SSB (ugh!) to score better. Sent LAWR by accident when first entering CLIN. Only KO1U caught it. KN4Y - Had a nice 3.5 hours of CW activity after the bowling tournament. **KV80** - 40 went long here after the first hour. Couldn't buy an OH mult until 80 opened up. Lots of line noise on 20 made it rough on that band. Spent the last hour hunting OH mults on 80. Thanks to everyone for the QSO, especially those mobiles. See You all next year and maybe we will get some more better, proper-gatation. NOAT - Low Power 100W N4JF - WOW WHAT A SUPERB CONTEST. MET MANY NEW FRIENDS... N4PJ - Spent the majority of the time in the contest waiting out thunderstorms! N4PN - AGAIN A FUN TIME..THERE IS NO STATE QSO PARTY WITHOUT MOBILES. ALSO, THANKS FOR THE CONTACTS FROM THE FIXED STATIONS. ALSO, TO THOSE WHO DIDN'T HAVE A CLUE BUT ANSWERED MY CQ FOR OHIO. CU NEXT YEAR!! N8BJQ - Breakfast in Norfolk, lunch in Charlotte. Got home at 3.5 hrs after the start. A couple of good runs but lots of QRN - lost a couple hrs to T-storms. Heard very few OH stns - bands were quite long. N8IHI - This was our clubs first entry into the OQP. Everyone had a great time. N8II - We need more solar activity to level the playing field a bit. I worked 2-3 stations on some 20M sporadic E and a few more on backscatter and that was it for 20 into OH from the eastern tip of WV. 40 was intermittent to easterm OH and by 21Z was lengtheneing out over OH and was gone by 2315Z. K8MR wasn't much of a factor here. I never heard

him til after 21Z on 75M and we worked 3 times total. I had better luck with K8RYU, N8TFD, KJ9C, W8MRG and W1NN who I worked quite a few times. Thanks for the counties. I operated about as much as possible. We HAD a pretty bad drought til the evening of the OQP. My break for dinner was extended by about 25 minutes by a thunderstorm with high winds and plenty of lightening; then about 0220Z I noticed an increase in the already high QRN level on 80M; I QRT'ed about 0245 and by 0250 it was raining again with mucho grande lightening again. This storm was the mother of all drought busters; it rained hard for just about exactly one hour! The AC was interrupped but remained on twice during the first wave, but our local water system was knocked out by each storm! There were several broken limbs from trees, but the antennas survived as well as me. Needless to say, it was no picnic digging out signals thru the high QRN from about 20Z til the end of the OQP. My goal was to work as many counties as possible; I ended up with 74 total counties worked. I did spend probably a bit too much time running when the rates were decent. Thanks for the fun event and the counties. N9FN -This was my second year in OQP, again in Mercer County. We set up in Eastland Park in Celina, OH. It is a great little park that has large shelters with electricity, tall trees, and rest rooms with running water! Once again Carol (KC9ERM) was a great help with logistics, getting the antennas up, (and down in the rain!), and keeping me fed and hydrated! We had a great visit with Wayne, K5ZG as well. We only had a brief shower during the afternoon, and then another that started about an hour before the end of the contest that continued until well after we were packed up and on our way out. Carol took lots of pictures and promises to make a nice looking QSL for anyone interested. NA3V - I only had a couple of hours to work the contest. All those mobiles popping up in different counties kept me twirling the rig dial. PA3ARM - Hello there, Just thought let you share mi experiences re mi 7th OH QSO party this year. OH is the only one I did not miss since 2000 es also this year liked it a lot. Was on from the beginning es had checked the planned routes carefully to see whether I might have a chance to catch some new counties from the 13 still needed to finish OH fer the USA-CA. (will continue in the parties once that has been achieved hi) As usual mi modest set up: 100W wid 2x10m dipole fer 20m es inv vee fer 40m if QRM wud allow contacts on that band. After 3 hrs there were a total of 6! QSO's in mi log so was prepared for a contest to finish without ani excitement. Suddenly though the band came to live es when I finally went to bed at 02.30Z I even had 14 contacts on 40m in the log. (between all RTTY QRM!) Most contacts in this contest after the 63 in 2004! Worked 5 new ones; biggest surprise to hear W8WTS on 40m wid a strong sig signing GEAU which I also still needed. Best moment at the very end when Jim K8MR returned on 40m after a run on that band earlier from LICK es I was afraid he wud sign the next one on his route. Licking is surrounded all by counties I worked already several times in various years. Tks Jim ! Call U all in 2007 ! es tks all fer being in the party, on the road or /r (difficult to identify /r stns though - none in log) CU in 2007 ! 73 VA3RKM - FT817, 5W, dipoles. Lots of fun. Thanks for working a small signal. **VE4LR** - these are all I could hear **VE5BC** - Always enjoyable. Band not too bad, QSB heavy. CU in 2007. VE7NH - CONDX PRETTY POOR OVERALL PLUS NOISES WOPQ - K1 (5 WATTS) G5RV, COURTEOUS OPERATORS, POOR CONDX W2LHL -Great mobiles, as usual, However, I wish they would sign /M all the time. W3BBO - I could only get away for a couple hours, so I went over to Conneaut, Ohio and operated Ashtabula from the car. Everything worked fine, except trying to read the stupid computer screen. W4NTI - Forty was totally blasted by RTTY, only band I could work Ohio W4TMN - This was my first OH QSO Party. I did not know you could fit so many signals from one place into a band!!! W6RLL - Thanks for all the contacts. W8ASA - Bands were terrible this year! W8B - Fair results under fair conditions. Two of us went out worked on the antenna farm, to minimize work needed on Saturday. We didn't take a generator, so couldn't check for functionality of the rotor for the 20 M phone station. On Saturday we found that it was stuck (electrically) north. We also suffered from a thunderstorm for about an hour around 2100Z which shut us down for an hour. The 80/40 meter inverted V antenna wouldn't match to the phone rig. KA8LAY and KE4LRA got creative and rigged a NVIS antenna a foot or so above ground which allowed a match to the rig and a few contacts. We worked QCENers K8DV, AA8HH, WB8TDA, and N8TFD (3 counties). Other mobiles who "made our day" were K8BB, 6 counties, K8MR 5 W1NN 5. Even though we figured N8TFD and others were mobiling through BROWn county, we couldn't find them. Perhaps there was a "skip zone" even on 80? W8BD - Six meters would help

with the missing counties. W8CAR - lots of fun!!!!!! W8FT - Very Enjoyable as always! W8KNO -HAD ONE CONTACT BEFORE GOING TO A WEDDING. NAP A GOT IN ANOTHER HALF HOUR - 1 1/2 HRS WA3EOP - Sure wish WC8VOA would have heard me. WA5SWN - WOW! WHAT A SCORE! HUBBA HUBBA! Gonzo ham radio! Seriously I sure enjoyed this relaxed QSO party. Propagation was poor into Kansas on all bands, but I worked every station I heard and had some nice conversations with several. It was fun and satisfying to talk to the state where my mother grew up (Stryker, Williams co.) and where my dad spent part of his childhood (Toledo). I'm looking forward to seeing y'all in the QSO party next year! WD8AJF - First time for me. A good warmup for Sweepstakes. WF5X - Bands weren't too nice, but at least they weren't dead! Cya next year 73 -WF5X WW80H - WW80H is the club call which I (WD8E) operated. The 12 hour format is great! K4AMC - THANKS FOR HAVING THE CONTEST. IT WAS A 40 METER CONTEST FROM HERE. ENJOYED WORKING OLD OHIO FRIENDS. N3RJ - GREAT CONTEST. GOOD COUNTY REPRESENTATION. CU NEXT YEAR. K8MR - My apologies to at least one European who called in with a pretty decent signal just as we drove around a curve, placing a very large mountain between him and me. N8VW - Enjoyed operating with N8HR and crew (thanks Everett!). A great bunch of operators and great station.

# **Outside Ohio By Area**

Call	Category	CW QSOs	CW Mults	PH QSOs	PH Mults	Total QSOs	Total Mults	Score	QTH	Club
W1DWA	LOW	94	73	0	0	94	73	13724	MA	
K1KAA	MULTI- OP	0	0	72	41	72	41	2952	MA	Hampden County Radio Assn
W2LHL	LOW	166	75	23	18	189	93	33015	NJ	
N2CU	LOW	85	44	24	21	109	65	12610	NY	Western New York Contest Club
W2CVW	LOW	69	53	5	5	74	58	8294	NJ	
W2LRO	LOW	47	33	14	10	61	43	4644	NJ	
N2ZU	LOW	58	39	0	0	58	39	4524	NJ	
KD2MX	QRP	28	22	0	0	28	22	1232	NJ	
WB2ATZ	LOW	6	5	29	20	35	25	1025	NY	
W2WC	LOW	25	19	0	0	25	19	950	NY	
KD2HE	HIGH	21	18	0	0	21	18	756	NY	Frankford Radio Club
NA2X	QRP	16	16	0	0	16	16	512	NY	
NA2H	LOW	0	0	14	11	14	11	154	NY	
										Determone Valley Dadie
K3TW	QRP	132	61	54	40	186	101	32118	MD	Potomac Valley Radio Club
N3RJ	LOW	71	37	53	34	124	71	13845	PA	
W3AG	LOW	63	37	16	14	79	51	7242	PA	Mad River Radio Club
NA3V	LOW	31	25	22	18	53	43	3612	PA	

KF3CV	HIGH	42	30	0	0	42	30	2520	MD	
K3ZT	HIGH	0	0	56	37	56	37	2072	PA	
AJ3J	LOW	0	0	36	26	36	26	936	PA	
K3VED	LOW	0	0	28	21	28	21	588	PA	
KA3FZN	LOW	0	0	23	20	23	20	460	PA	
WA3EOP	LOW	0	0	13	13	13	13	169	MD	
K3MD	QRP	10	8	0	0	10	8	160	PA	
KA3VRW	U LOW	0	0	12	9	12	9	108	PA	
N4PN	HIGH	183	80	200	67	383	147	83202	GA	
KU8E	LOW	189	76	122	63	311	139	69500	GA	South East Contest Club
N4JF	QRP	184	79	63	36	247	115	49565	AL	SECCW
K4LTA	HIGH	231	75	0	0	231	75	34650	TN	Tennessee Contest Group
K4AMC	LOW	132	62	35	24	167	86	25714	TN	
K4ZGB	HIGH	89	51	71	39	160	90	22410	AL	
NA4K	LOW	90	51	39	26	129	77	16863	TN	Tennessee Contest Group
NA4BW	QRP	82	47	36	28	118	75	15000	GA	South East Contest Club
K4HAL	LOW	89	45	0	0	89	45	8010	AL	South East Contest Club
NN3W	LOW	43	28	28	18	71	46	5244	VA	Potomac Valley Radio Club
K4BAI	LOW	56	39	4	4	60	43	4988	GA	South East Contest Club
KN4Y	HIGH	58	41	0	0	58	41	4756	FL	Florida Contest Group
N4GG	HIGH	29	25	21	18	50	43	3397	GA	South East Contest Club
KI4EGT	LOW	45	36	0	0	45	36	3240	GA	
W5JBV	QRP	40	28	3	3	43	31	2573	FL	
W4TMN	LOW	0	0	64	39	64	39	2496	VA	Potomac Valley Radio Club
W4YA	LOW	41	29	0	0	41	29	2378	FL	Florida Contest Group
W4NTI	HIGH	29	25	10	8	39	33	2244	AL	South East Contest Club
N4PJ	LOW	39	27	0	0	39	27	2106	FL	Florida Contest Group
K4UK	ROVER	29	19	0	0	29	19	1102	VA	
WA4OSD	LOW	19	17	6	6	25	23	1012	TN	Tennessee Contest Group
N2IXX	LOW	0	0	30	20	30	20	600	SC	
AI4ME	LOW	0	0	17	11	17	11	187	VA	

WA4VAP	LOW	6	6	1	1	7	7	91	KY	
K5UV	LOW	101	61	13	13	114	74	15910	OK	
W0VX	LOW	83	46	37	24	120	70	14210	ΤХ	North Texas Contest Club
WA8ZBT	QRP	66	45	29	23	95	68	10948	ΤX	
KC5R	QRP	52	35	22	19	74	54	6804	LA	
W5TD	LOW	21	17	9	9	30	26	1326	OK	Lawton Fort Sill ARC
W3DYA	LOW	25	17	0	0	25	17	850	ΤХ	
KD5TXL	LOW	0	0	25	21	25	21	525	OK	
KJ5RC	LOW	0	0	26	19	26	19	494	MS	
WA5ZUP	LOW	0	0	18	15	18	15	270	NM	
AD5QB	LOW	10	7	0	0	10	7	140	ΤХ	
W5DMB	LOW	0	0	11	10	11	10	110	ΤХ	
K3LGM	LOW	0	0	10	9	10	9	90	ΤХ	
W5JLR	HIGH	0	0	6	6	6	6	36	ΤX	South Texas Dx and Contest Club
KB5DRJ	LOW	0	0	1	1	1	1	1	ТХ	
K6RB	HIGH	90	56	18	18	108	74	14652	CA	Northern California Contest Club
KA6MAL	LOW	8	7	14	12	22	19	570	CA	
K6CSL	LOW	7	5	2	2	9	7	112	CA	Northern California Contest Club
K7RL	LOW	106	58	62	36	168	94	25756	WA	Western Washington DX Club
W7GVE	LOW	69	42	0	0	69	42	5796	AZ	
W6RLL	LOW	55	43	0	0	55	43	4730	AZ	Central Arizona DX Assn
K7TQ	QRP	44	31	0	0	44	31	2728	ID	
KD7DCA	LOW	0	0	8	8	8	8	64	AZ	
KE7FKX	LOW	0	0	4	4	4	4	16	WA	
KC7FPB	LOW	0	0	4	4	4	4	16	OR	
K8IR	LOW	209	76	96	47	305	123	63222	MI	Bay Area Wireless Assn
N8II	HIGH	129	56	185	63	314	119	52717		-
WF5X	LOW	58	39	43	31	101	70	11130		

W8MJ	HIGH	57	39	11	8	68	47	5875	MI	Mad River Radio Club
N8CQA	LOW	24	19	34	22	58	41	3362	MI	South East Michigan DX Association
W8RU	LOW	26	20	0	0	26	20	1040	MI	Mad River Radio Club
K8GVK	LOW	6	5	27	21	33	26	1014	MI	
AB8S	HIGH	23	19	0	0	23	19	874	WV	
K8VFR	LOW	22	18	0	0	22	18	792	MI	
NF8M	LOW	19	16	0	0	19	16	608	MI	
W9IU	HIGH	133	67	103	44	236	111	40959	IN	Society of Midwest Contesters
K8ZZV	LOW	44	31	79	45	123	76	12692	WI	
NA9U	LOW	75	41	33	20	108	61	11163	IN	
WE9N	LOW	74	51	15	11	89	62	10106	IN	Society of Midwest Contesters
W9AEM	LOW	29	28	16	15	45	43	3182	WI	
KB9YGD	LOW	30	21	10	8	40	29	2030	IN	
K9JIG	HIGH	0	0	54	33	54	33	1782	WI	Northeast Wisconsin DX Association
W9EMT	LOW	0	0	50	33	50	33	1650	IN	Queen City Emergency Net
W0BH	HIGH	114	55	131	50	245	105	37695	KS	
K0IO	LOW	143	62	43	26	186	88	28952	IA	
KS0T	LOW	67	47	23	19	90	66	10362	MN	Minnesota Wireless Assn
K0MPH	LOW	53	37	10	8	63	45	5220	MN	Minnesota Wireless Assn
NOAT	LOW	38	30	11	11	49	41	3567	MN	
KOLWV	LOW	32	23	21	16	53	39	3315	MO	
W0PQ	QRP	40	31	0	0	40	31	2480	NE	
KOLDS	LOW	18	14	0	0	18	14	504	СО	
KOUK	HIGH	12	11	4	4	16	15	420	СО	Grand Mesa Contesters of Colorado SKI BUMS #2
WA5SWN	LOW	0	0	13	11	13	11	143	KS	
AC0DQ	LOW	0	0	12	9	12	9	108	NE	
VE7NH	LOW	43	35	0	0	43	35	3010	BC	

VA3RKM	QRP	25	19	6	6	31	25	1400	ON	Contest Club Ontario
<b>VA3IX</b>	LOW	0	0	28	20	28	20	560	ON	
VE5BC	LOW	0	0	25	21	25	21	525	SK	
VE2AWR	LOW	10	9	3	3	13	12	276	QC	
VA7MJR	LOW	0	0	13	13	13	13	169	BC	
VE4LR	LOW	0	0	5	5	5	5	25	MB	
DL3GA	HIGH	105	64	0	0	105	64	13440	DX	
DL5AWI	HIGH	95	62	0	0	95	62	11780	DX	CGCG
CU2JT	HIGH	82	55	0	0	82	55	9020	DX	
OK1AOV	HIGH	68	52	0	0	68	52	7072	DX	
<b>PA3ARM</b>	LOW	48	40	0	0	48	40	3840	DX	

# **QSOs & Mults by Category**

callsign	cwqso	s cwmlt	ts phqso	os phmlt	ts scores	state	Club
Out of State							
MULTI-OP							
K1KAA	0	0	72	41	2952	MA	Hampden County Radio Assn
ROVER							
K4UK	29	19	0	0	1102	VA	
HIGH							
W5JLR	0	0	6	6	36	ТΧ	South Texas Dx and Contest Club
K0UK	12	11	4	4	420	СО	Grand Mesa Contesters of Colorado SKI BUMS # 2
KD2HE	21	18	0	0	756	NY	Frankford Radio Club
AB8S	23	19	0	0	874	WV	
K9JIG	0	0	54	33	1782	WI	Northeast Wisconsin DX Association
K3ZT	0	0	56	37	2072	PA	
W4NTI	29	25	10	8	2244	AL	South East Contest Club
KF3CV	42	30	0	0	2520	MD	
N4GG	29	25	21	18	3397	GA	South East Contest Club
KN4Y	58	41	0	0	4756	FL	Florida Contest Group

W8MJ	57	39	11	8	5875	MI	Mad River Radio Club
OK1AOV	68	52	0	0	7072	DX	
CU2JT	82	55	0	0	9020	DX	
DL5AWI	95	62	0	0	11780	DX	CGCG
DL3GA	105	64	0	0	13440	DX	
K6RB	90	56	18	18	14652	CA	Northern California Contest Club
K4ZGB	89	51	71	39	22410	AL	
K4LTA	231	75	0	0	34650	TN	Tennessee Contest Group
W0BH	114	55	131	50	37695	KS	
W9IU	133	67	103	44	40959	IN	Society of Midwest Contesters
N8II	129	56	185	63	52717	WV	
N4PN	183	80	200	67	83202	GA	
LOW							
K5WW	0	0	1	1	1	ТХ	
KB5DRJ	0	0	1	1	1	ТХ	
KC7FPB	0	0	4	4	16	OR	
KE7FKX	0	0	4	4	16	WA	
VE4LR	0	0	5	5	25	MB	
KD7DCA	0	0	8	8	64	AZ	
K3LGM	0	0	10	9	90	ТХ	
WA4VAP	6	6	1	1	91	KY	
AC0DQ	0	0	12	9	108	NE	
KA3VRW	0	0	12	9	108	PA	
W5DMB	0	0	11	10	110	ТΧ	
K6CSL	7	5	2	2	112	CA	Northern California Contest Club
AD5QB	10	7	0	0	140	ТΧ	
WA5SWN	0	0	13	11	143	KS	
NA2H	0	0	14	11	154	NY	
VA7MJR	0	0	13	13	169	BC	
WA3EOP	0	0	13	13	169	MD	
AI4ME	0	0	17	11	187	VA	
WA5ZUP	0	0	18	15	270	NM	
VE2AWR	10	9	3	3	276	QC	

KA3FZN	0	0	23	20	460	PA
KJ5RC	0	0	26	19	494	MS
KOLDS	18	14	0	0	504	СО
KD5TXL	0	0	25	21	525	OK
VE5BC	0	0	25	21	525	SK
VA3IX	0	0	28	20	560	ON
KA6MAL	8	7	14	12	570	CA
K3VED	0	0	28	21	588	PA
N2IXX	0	0	30	20	600	SC
NF8M	19	16	0	0	608	MI
K8VFR	22	18	0	0	792	MI
W3DYA	25	17	0	0	850	TX
AJ3J	0	0	36	26	936	PA
W2WC	25	19	0	0	950	NY
WA4OSD	19	17	6	6	1012	TN
K8GVK	6	5	27	21	1014	MI
WB2ATZ	6	5	29	20	1025	NY
W8RU	26	20	0	0	1040	MI
W5TD	21	17	9	9	1326	OK
W9EMT	0	0	50	33	1650	IN
KB9YGD	30	21	10	8	2030	IN
N4PJ	39	27	0	0	2106	FL
W4YA	41	29	0	0	2378	FL
W4TMN	0	0	64	39	2496	VA
VE7NH	43	35	0	0	3010	BC
W9AEM	29	28	16	15	3182	WI
KI4EGT	45	36	0	0	3240	GA
KOLWV	32	23	21	16	3315	MO
N8CQA	24	19	34	22	3362	MI
NOAT	38	30	11	11	3567	MN
NA3V	31	25	22	18	3612	PA
<b>PA3ARM</b>	48	40	0	0	3840	DX
N2ZU	58	39	0	0	4524	NJ

Tennessee Contest Group

Mad River Radio Club

Lawton Fort Sill ARC

Queen City Emergency Net

Florida Contest Group

Florida Contest Group

Potomac Valley Radio Club

South East Michigan DX Association

W2LRO	47	33	14	10	4644	NJ	
W6RLL	55	43	0	0	4730	AZ	Central Arizona DX Assn
K4BAI	56	39	4	4	4988	GA	South East Contest Club
K0MPH	53	37	10	8	5220	MN	Minnesota Wireless Assn
NN3W	43	28	28	18	5244	VA	Potomac Valley Radio Club
W7GVE	69	42	0	0	5796	AZ	
W3AG	63	37	16	14	7242	PA	Mad River Radio Club
K4HAL	89	45	0	0	8010	AL	South East Contest Club
W2CVW	69	53	5	5	8294	NJ	
WE9N	74	51	15	11	10106	IN	Society of Midwest Contesters
KS0T	67	47	23	19	10362	MN	Minnesota Wireless Assn
WF5X	58	39	43	31	11130	MI	
NA9U	75	41	33	20	11163	IN	
N2CU	85	44	24	21	12610	NY	Western New York Contest Club
K8ZZV	44	31	79	45	12692	WI	
W1DWA	94	73	0	0	13724	MA	
N3RJ	71	37	53	34	13845	PA	
W0VX	83	46	37	24	14210	ТХ	North Texas Contest Club
K5UV	101	61	13	13	15910	OK	
NA4K	90	51	39	26	16863	TN	Tennessee Contest Group
K4AMC	132	62	35	24	25714	TN	
K7RL	106	58	62	36	25756	WA	Western Washington DX Club
K0IO	143	62	43	26	28952	IA	
W2LHL	166	75	23	18	33015	NJ	
K8IR	209	76	96	47	63222	MI	Bay Area Wireless Assn
KU8E	189	76	122	63	69500	GA	South East Contest Club
QRP							
K3MD	10	8	0	0	160	PA	
NA2X	16	16	0	0	512	NY	
KD2MX	28	22	0	0	1232	NJ	
VA3RKM	25	19	6	6	1400	ON	Contest Club Ontario
W0PQ	40	31	0	0	2480	NE	
W5JBV	40	28	3	3	2573	FL	

K7TQ	44	31	0	0	2728	ID	
KC5R	52	35	22	19	6804	LA	
WA8ZBT	66	45	29	23	10948	TX	
NA4BW	82	47	36	28	15000	GA	South East Contest Club
K3TW	132	61	54	40	32118	MD	Potomac Valley Radio Club
N4JF	184	79	63	36	49565	AL	SECCW
OHIO							
MOBILE							
KC8PD	0	0	16	15	240	PORT	Portage County Amateur Radio Service
KC8RSA	0	0	39	18	702	HARD	
W8MRG	0	0	66	29	1914	BUTL	Queen City Emergency Net
AA8HH	171	50	35	18	25636	HAMI	Queen City Emergency Net
W8UE	442	61	0	0	53924	TUSC	
AD8J	377	66	42	19	67660	WAYN	Mad River Radio Club
N8TFD	333	61	96	43	79248	WARR	Queen City Emergency Net
AF8A	605	61	31	12	90593	ALLE	Wayne Amateur Radio Club
W8TK	468	55	84	40	96900	ADAM	Caribbean Contest Consortium
KJ9C	572	70	35	17	102573	CLER	Society of Midwest Contesters
W1NN	471	65	116	48	119554	OTTA	Mad River Radio Club
K8MR	563	67	132	53	150960	TRUM	Northern Ohio DX Association
K8BB	675	73	94	49	176168	ASHT	Mad River Radio Club
MULTI-OP							
K8BLP	0	0	101	56	5656	COLU	Triangle Amateur Radio Club
W8FT	0	0	217	49	10633	HANC	Findlay Radio Club
N8IHI	62	27	74	39	13068	ASHL	Ashland Area Amateur Radio Club
W8VM	143	58	19	17	22875	HURO	West Park Radio-ops
W8B	278	93	65	41	83214	BROW	Queen City Emergency Net
K8DV	305	81	313	90	157833	CLER	Queen City Emergency Net
N8HR	454	103	752	111	355240	MUSK	Muskingum Ham Radio Club
K8MAD	473	101	1001	111	412764	LUCA	Mad River Radio Club
ROVER							
K8RYU	337	72	242	74	133736	GALL	Marietta Amateur Radio Club
HIGH							

WW8OH	0	0	143	64	9152	LICK	Central Ohio Operators Klub Extra-Novice
AD8P	30	17	156	49	14256	ALLE	Mad River Radio Club
NC8V	20	18	181	64	18122	ATHE	Athens County Amateur Radio Association
N8BJQ	182	59	0	0	21476	CHAM	Southwest Ohio DX Association
AE8M	184	63	46	26	36846	HAMI	
W8WTS	179	60	80	43	45114	GEAU	Mad River Radio Club
N8IW	270	72	43	24	55968	WAYN	Wayne Amateur Radio Club
K8AJS	357	94	194	58	138016	WAYN	Wayne Amateur Radio Club
K8MP	320	80	332	87	162324	DELA	Delaware Amateur Radio Association
LOW							
WA8MWA	1	1	0	0	2	FRAN	
KD8AUQ	0	0	4	4	16	LORA	
KB8UUZ	0	0	10	10	100	PORT	Portage County Amateur Radio Service
WA8YRS	0	0	12	9	108	KNOX	
KD8ACO	0	0	18	13	234	CUYA	Lake Erie Amateur Radio Association (LEARA)
W8UL	0	0	16	15	240	LICK	Central Ohio Operators Klub Extra-Novice
WA8SSQ	0	0	22	15	330	MEDI	
N8ZZV	0	0	22	16	352	WARR	Queen City Emergency Net
W8KNO	0	0	27	21	567	PORT	Mad River Radio Club
W8KRF	0	0	30	22	660	CUYA	Northern Ohio Amateur Radio Society
N8VZ	0	0	40	24	960	ATHE	Athens County Amateur Radio Association
K4UK	32	17	0	0	1088	TUSC	
W8GC	5	5	32	24	1218	CUYA	Cuyahoga Amateur Radio Socity
KC8OVB	0	0	45	31	1395	ATHE	Athens County Amateur Radio Association
KG9Z	17	14	16	14	1400	WAYN	Wayne Amateur Radio Club
KB8PAI	0	0	50	36	1800	LUCA	
K8YM	0	0	53	38	2014	TRUM	North Coast Contesters
NR8U	0	0	54	38	2052	LICK	Central Ohio Operators Klub Extra-Novice
N8XWO	0	0	56	37	2072	ATHE	Athens County Amateur Radio Association
W8ASA	0	0	63	35	2205	MONT	
W8WTD	0	0	76	47	3572	HAMI	Queen City Emergency Net
W3BBO	75	35	0	0	5250	ASHT	
K8SM	47	34	18	16	5600	LICK	Central Ohio Operators Klub Extra-Novice

W8PN	69	43	0	0	5934	CUYA	West Park Radio-ops
WD8AJF	77	39	0	0	6006	LORA	West Park Radio-ops
K2KW	57	26	29	18	6292	WARR	
WA8TWM	0	0	112	58	6496	LAKE	Lake County Amateur Radio Association
W8HH	0	0	133	57	7581	WASH	Marietta Amateur Radio Club
WB9LBI	95	44	0	0	8360	PORT	Portage County Amateur Radio Service
N8GB	0	0	150	58	8700	LAKE	Lake County Amateur Radio Association
WB8TDA	80	45	12	10	9460	HAMI	Queen City Emergency Net
WD8LQB	103	42	6	6	10176	HAMI	
K3RC	87	47	12	12	10974	WOOD	
KR5N	32	23	89	49	11016	WASH	Marietta Amateur Radio Club
N8BY	0	0	190	70	13300	CUYA	
K8WDN	123	72	1	1	18031	MADI	Mad River Radio Club
N9FN	0	0	256	77	19712	MERC	Society of Midwest Contesters
KD5LNO	0	0	232	88	20416	MAHO	Mad River Radio Club
N9AUG	156	79	0	0	24648	DELA	Delaware Amateur Radio Association
W8IDM	181	68	4	4	26352	OTTA	West Park Radio-ops
WT8C	35	24	228	72	28608	LAKE	Lake County Amateur Radio Association
W8BD	60	28	273	82	43230	WILL	Maumee Valley Contest Club
WB8CEH	170	64	71	45	44799	GREE	XWARN
KF8HR	233	81	74	38	64260	CLIN	Highland Amateur Radio Association
K8NVR	197	65	134	65	68640	MEDI	Medina 2 Meter Group
WB8JUI	298	87	32	24	69708	SENE	
KV8Q	368	97	0	0	71392	FRAN	
W8CAR	248	64	159	61	81875	ERIE	North Coast Contesters
KA8HQL	225	72	193	71	91949	PERR	
N8OT	240	82	148	65	92316	BUTL	
QRP							
K8WFL	0	0	74	41	3034	LAKE	
N8CX	64	40	0	0	5120	CUYA	West Park Radio-ops
W8TM	83	44	0	0	7304	HAMI	Mad River Radio Club
N8IE	120	58	132	59	43524	MONT	Mad River Radio Club

# QSOs by band & mode

Call	QTH	75 PH	40 PH	20 PH	15 P H		PH Mlts	PH Cty s	80C W	40 CW	20 CW	15 CW	10 C W	CW Mlts	CW Ctys	
AA8HH	BROW	0	3	0	0	0	18	7	0	0	0	0	0	50	23	MOBIL E
AA8HH	BUTL	0	0	0	0	0	18	7	9	0	0	0	0	50	23	MOBIL E
AA8HH	CHAM	0	0	7	0	0	18	7	0	0	0	0	0	50	23	MOBIL E
AA8HH	CLAR	0	0	3	0	0	18	7	0	11	0	0	0	50	23	MOBIL E
AA8HH	CLER	0	1	4	0	0	18	7	9	9	7	0	0	50	23	MOBIL E
AA8HH	CLIN	0	2	0	0	0	18	7	5	10	0	0	0	50	23	MOBIL E
AA8HH	DELA	0	1	1	0	0	18	7	0	14	0	0	0	50	23	MOBIL E
AA8HH	FAYE	0	0	0	0	0	18	7	11	0	0	0	0	50	23	MOBIL E
AA8HH	FRAN	0	1	0	0	0	18	7	2	0	0	0	0	50	23	MOBIL E
AA8HH	GREE	0	1	0	0	0	18	7	5	6	0	0	0	50	23	MOBIL E
AA8HH	HAMI	0	0	5	0	0	18	7	12	0	13	0	0	50	23	MOBIL E
AA8HH	HIGH	0	0	0	0	0	18	7	0	5	10	0	0	50	23	MOBIL E
AA8HH	MADI	0	0	0	0	0	18	7	9	0	0	0	0	50	23	MOBIL E
AA8HH	PICK	0	0	0	0	0	18	7	9	0	0	0	0	50	23	MOBIL E
AA8HH	UNIO	0	0	6	0	0	18	7	0	12	0	0	0	50	23	MOBIL E
AA8HH	WARR	0	0	0	0	0	18	7	3	0	0	0	0	50	23	MOBIL E
AD8J	BELM	0	0	0	0	0	19	6	54	0	0	0	0	66	34	MOBIL E
AD8J	COSH	0	3	0	0	0	19	6	0	15	0	0	0	66	34	MOBIL E
AD8J	GUER	0	1	0	0	0	19	6	34	45	0	0	0	66	34	MOBIL E

AD8J	HOLM	0	4	0	0	0	19	6	0	17	12	0	0	66	34	MOBIL E
AD8J	MUSK	1	0	0	0	0	19	6	9	32	4	0	0	66	34	MOBIL E
AD8J	NOBL	0	0	0	0	0	19	6	34	12	0	0	0	66	34	MOBIL E
AD8J	STAR	0	8	0	0	0	19	6	0	22	18	0	0	66	34	MOBIL E
AD8J	TUSC	0	21	0	0	0	19	6	0	37	0	0	0	66	34	MOBIL E
AD8J	WAYN	0	1	3	0	0	19	6	0	26	4	0	0	66	34	MOBIL E
AD8J	WYAN	0	0	0	0	0	19	6	0	2	0	0	0	66	34	MOBIL E
AF8A	ALLE	0	0	0	0	0	12	2	14	8	0	0	0	61	22	MOBIL E
AF8A	ASHL	0	1	0	0	0	12	2	7	20	0	0	0	61	22	MOBIL E
AF8A	CRAW	0	1	0	0	0	12	2	13	10	0	0	0	61	22	MOBIL E
AF8A	DEFI	0	0	2	0	0	12	2	7	14	23	0	0	61	22	MOBIL E
AF8A	FULT	0	0	2	0	0	12	2	0	26	15	0	0	61	22	MOBIL E
AF8A	HANC	0	0	0	0	0	12	2	6	12	1	0	0	61	22	MOBIL E
AF8A	HARD	0	1	0	0	0	12	2	5	4	0	0	0	61	22	MOBIL E
AF8A	HENR	0	0	5	0	0	12	2	0	15	24	0	0	61	22	MOBIL E
AF8A	HURO	0	2	2	0	0	12	2	0	13	20	0	0	61	22	MOBIL E
AF8A	LORA	0	0	3	0	0	12	2	0	16	12	0	0	61	22	MOBIL E
AF8A	MEDI	0	0	0	0	0	12	2	0	12	11	0	0	61	22	MOBIL E
AF8A	PAUL	0	1	0	0	0	12	2	5	24	12	0	0	61	22	MOBIL E
AF8A	PUTN	0	2	0	0	0	12	2	10	18	8	0	0	61	22	MOBIL E

AF8A	RICH	0	1	0	0	0	12	2	4	13	0	0	0	61	22	MOBIL E
AF8A	SAND	0	2	1	0	0	12	2	0	8	15	0	0	61	22	MOBIL E
AF8A	SENE	0	0	1	0	0	12	2	0	7	19	0	0	61	22	MOBIL E
AF8A	VANW	0	1	0	0	0	12	2	19	12	0	0	0	61	22	MOBIL E
AF8A	WAYN	0	0	0	0	0	12	2	9	12	0	0	0	61	22	MOBIL E
AF8A	WILL	0	0	3	0	0	12	2	0	19	24	0	0	61	22	MOBIL E
AF8A	WOO D	0	0	0	0	0	12	2	0	14	13	0	0	61	22	MOBIL E
AF8A	WYAN	0	0	0	0	0	12	2	16	16	0	0	0	61	22	MOBIL E
K8BB	ASHT	0	6	0	0	0	49	18	0	14	13	0	0	73	35	MOBIL E
K8BB	CARR	0	0	2	0	0	49	18	0	6	21	0	0	73	35	MOBIL E
K8BB	COLU	0	0	7	0	0	49	18	0	0	37	0	0	73	35	MOBIL E
K8BB	COSH	0	12	2	0	0	49	18	0	11	17	0	0	73	35	MOBIL E
K8BB	CUYA	0	16	0	0	0	49	18	0	29	0	0	0	73	35	MOBIL E
K8BB	ERIE	0	1	0	0	0	49	18	23	2	0	0	0	73	35	MOBIL E
K8BB	FULT	0	0	0	0	0	49	18	25	0	0	0	0	73	35	MOBIL E
K8BB	GEAU	0	13	0	0	0	49	18	0	22	0	0	0	73	35	MOBIL E
K8BB	HARR	0	1	4	0	0	49	18	0	14	19	0	0	73	35	MOBIL E
K8BB	HENR	0	0	0	0	0	49	18	27	0	0	0	0	73	35	MOBIL E
K8BB	HOLM	0	0	0	0	0	49	18	0	27	16	0	0	73	35	MOBIL E
K8BB	LAKE	0	9	0	0	0	49	18	0	22	0	0	0	73	35	MOBIL E

K8BB	LORA	0	1	0	0	0	49	18	20	12	0	0	0	73	35	MOBIL E
K8BB	LUCA	0	0	0	0	0	49	18	23	0	0	0	0	73	35	MOBIL E
K8BB	MAH O	0	0	0	0	0	49	18	0	12	22	0	0	73	35	MOBIL E
K8BB	MEDI	0	1	0	0	0	49	18	9	22	0	0	0	73	35	MOBIL E
K8BB	OTTA	0	0	0	0	0	49	18	24	0	0	0	0	73	35	MOBIL E
K8BB	PORT	0	1	2	0	0	49	18	0	18	5	0	0	73	35	MOBIL E
K8BB	SAND	0	0	0	0	0	49	18	23	0	0	0	0	73	35	MOBIL E
K8BB	STAR	0	2	0	0	0	49	18	1	23	2	0	0	73	35	MOBIL E
K8BB	SUM M	0	0	0	0	0	49	18	5	23	0	0	0	73	35	MOBIL E
K8BB	TRUM	0	0	11	0	0	49	18	0	12	8	0	0	73	35	MOBIL E
K8BB	TUSC	0	2	0	0	0	49	18	0	0	30	0	0	73	35	MOBIL E
K8BB	WOO D	1	0	0	0	0	49	18	36	0	0	0	0	73	35	MOBIL E
K8MR	ASHL	0	0	0	0	0	53	29	22	0	0	0	0	67	32	MOBIL E
K8MR	BELM	4	6	5	0	0	53	29	0	28	13	0	0	67	32	MOBIL E
K8MR	CARR	1	1	2	0	0	53	29	0	10	24	0	0	67	32	MOBIL E
K8MR	COLU	0	1	0	0	0	53	29	0	11	14	0	0	67	32	MOBIL E
K8MR	DELA	0	1	0	0	0	53	29	2	6	0	0	0	67	32	MOBIL E
K8MR	FAIR	2	2	0	0	0	53	29	3	15	0	0	0	67	32	MOBIL E
K8MR	GUER	5	4	4	0	0	53	29	0	14	10	0	0	67	32	MOBIL E
K8MR	HARR	0	6	1	0	0	53	29	0	23	9	0	0	67	32	MOBIL E

K8MR	JEFF	0	2	0	0	0	53	29	0	14	25	0	0	67	32	MOBIL E
K8MR	KNOX	0	2	0	0	0	53	29	7	4	0	0	0	67	32	MOBIL E
K8MR	LICK	5	1	0	0	0	53	29	15	17	0	0	0	67	32	MOBIL E
K8MR	MAH O	0	0	4	0	0	53	29	0	16	13	0	0	67	32	MOBIL E
K8MR	MONR	7	3	0	0	0	53	29	9	19	10	0	0	67	32	MOBIL E
K8MR	MORG	1	1	0	0	0	53	29	17	3	0	0	0	67	32	MOBIL E
K8MR	MORR	6	5	0	0	0	53	29	5	11	0	0	0	67	32	MOBIL E
K8MR	MUSK	3	2	0	0	0	53	29	11	8	0	0	0	67	32	MOBIL E
K8MR	NOBL	8	4	1	0	0	53	29	0	15	1	0	0	67	32	MOBIL E
K8MR	PERR	0	1	0	0	0	53	29	20	11	0	0	0	67	32	MOBIL E
K8MR	PORT	0	4	3	0	0	53	29	0	32	16	0	0	67	32	MOBIL E
K8MR	RICH	18	0	0	0	0	53	29	4	0	0	0	0	67	32	MOBIL E
K8MR	STAR	0	0	0	0	0	53	29	0	17	0	0	0	67	32	MOBIL E
K8MR	TRUM	6	0	0	0	0	53	29	0	23	16	0	0	67	32	MOBIL E
KC8PD	PORT	1	13	2	0	0	15	9	0	0	0	0	0	0	0	MOBIL E
KC8RSA	ALLE	0	2	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E
KC8RSA	HANC	0	5	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E
KC8RSA	HARD	0	13	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E
KC8RSA	PAUL	0	8	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E
KC8RSA	PUTN	0	8	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E

KC8RSA	VANW	0	3	0	0	0	18	1	0	0	0	0	0	0	0	MOBIL E
КЈ9С	ADA M	0	5	0	0	0	17	6	0	11	16	0	0	70	31	MOBIL E
КЈ9С	BROW	0	0	0	0	0	17	6	0	20	17	0	0	70	31	MOBIL E
КЈ9С	CHAM	0	0	0	0	0	17	6	10	7	0	0	0	70	31	MOBIL E
КЈ9С	CLAR	0	2	0	0	0	17	6	14	6	0	0	0	70	31	MOBIL E
КЈ9С	CLER	0	3	0	0	0	17	6	0	7	17	0	0	70	31	MOBIL E
КЈ9С	CLIN	0	0	0	0	0	17	6	0	11	10	0	0	70	31	MOBIL E
КЈ9С	DARK	0	0	0	0	0	17	6	13	11	0	0	0	70	31	MOBIL E
КЈ9С	FAYE	0	1	0	0	0	17	6	10	21	7	0	0	70	31	MOBIL E
КЈ9С	GREE	0	0	0	0	0	17	6	3	19	0	0	0	70	31	MOBIL E
КЈ9С	HIGH	0	2	0	0	0	17	6	0	22	4	0	0	70	31	MOBIL E
КЈ9С	HOCK	0	1	0	0	0	17	6	0	27	15	0	0	70	31	MOBIL E
КЈ9С	LAWR	0	0	1	0	0	17	6	0	0	5	0	0	70	31	MOBIL E
КЈ9С	MADI	0	0	0	0	0	17	6	6	18	0	0	0	70	31	MOBIL E
КЈ9С	MIAM	0	2	0	0	0	17	6	8	20	0	0	0	70	31	MOBIL E
КЈ9С	PICK	0	2	0	0	0	17	6	0	34	16	0	0	70	31	MOBIL E
КЈ9С	PIKE	0	2	0	0	0	17	6	0	19	7	0	0	70	31	MOBIL E
КЈ9С	PREB	0	2	0	0	0	17	6	14	20	0	0	0	70	31	MOBIL E
КЈ9С	ROSS	0	3	0	0	0	17	6	0	22	11	0	0	70	31	MOBIL E
КЈ9С	SCIO	0	2	0	0	0	17	6	0	7	21	0	0	70	31	MOBIL E

КЈ9С	VINT	0	1	0	0	0	17	6	0	1	9	0	0	70	31	MOBIL E
КЈ9С	WARR	0	5	1	0	0	17	6	0	23	13	0	0	70	31	MOBIL E
N8TFD	ADA M	0	0	0	0	0	43	17	23	0	0	0	0	61	29	MOBIL E
N8TFD	ATHE	0	13	0	0	0	43	17	0	0	5	0	0	61	29	MOBIL E
N8TFD	BROW	6	0	0	0	0	43	17	8	0	0	0	0	61	29	MOBIL E
N8TFD	CLER	2	1	0	0	0	43	17	25	0	0	0	0	61	29	MOBIL E
N8TFD	CLIN	0	0	0	0	0	43	17	0	15	0	0	0	61	29	MOBIL E
N8TFD	FAIR	0	0	0	0	0	43	17	0	2	0	0	0	61	29	MOBIL E
N8TFD	FAYE	0	8	0	0	0	43	17	0	12	0	0	0	61	29	MOBIL E
N8TFD	FRAN	0	9	0	0	0	43	17	0	13	0	0	0	61	29	MOBIL E
N8TFD	GREE	0	8	0	0	0	43	17	0	8	0	0	0	61	29	MOBIL E
N8TFD	GUER	0	0	0	0	0	43	17	0	1	0	0	0	61	29	MOBIL E
N8TFD	HIGH	3	0	0	0	0	43	17	1	0	0	0	0	61	29	MOBIL E
N8TFD	HOCK	11	0	0	0	0	43	17	8	0	0	0	0	61	29	MOBIL E
N8TFD	JACK	4	0	0	0	0	43	17	10	0	0	0	0	61	29	MOBIL E
N8TFD	LICK	0	6	0	0	0	43	17	0	6	11	0	0	61	29	MOBIL E
N8TFD	MADI	0	0	0	0	0	43	17	0	8	0	0	0	61	29	MOBIL E
N8TFD	MEIG	0	0	0	0	0	43	17	2	9	25	0	0	61	29	MOBIL E
N8TFD	MORG	0	0	0	0	0	43	17	0	26	0	0	0	61	29	MOBIL E
N8TFD	MUSK	0	0	4	0	0	43	17	0	0	11	0	0	61	29	MOBIL E

N8TFD	NOBL	0	0	0	0	0	43	17	0	15	0	0	0	61	29	MOBIL E
N8TFD	PICK	0	0	0	0	0	43	17	2	3	0	0	0	61	29	MOBIL E
N8TFD	PIKE	2	5	0	0	0	43	17	8	1	0	0	0	61	29	MOBIL E
N8TFD	ROSS	0	0	0	0	0	43	17	19	0	0	0	0	61	29	MOBIL E
N8TFD	VINT	2	0	0	0	0	43	17	14	0	0	0	0	61	29	MOBIL E
N8TFD	WARR	0	0	0	0	0	43	17	0	15	0	0	0	61	29	MOBIL E
N8TFD	WASH	0	12	0	0	0	43	17	0	27	0	0	0	61	29	MOBIL E
W1NN	ASHL	0	0	0	0	0	48	16	17	0	0	0	0	65	31	MOBIL E
W1NN	CRAW	0	0	0	0	0	48	16	36	0	11	0	0	65	31	MOBIL E
W1NN	ERIE	1	4	7	1	1	48	16	1	21	23	1	1	65	31	MOBIL E
W1NN	HURO	0	5	10	0	0	48	16	12	39	30	0	0	65	31	MOBIL E
W1NN	LORA	0	0	0	0	0	48	16	37	0	0	0	0	65	31	MOBIL E
W1NN	MEDI	0	0	0	0	0	48	16	23	13	0	0	0	65	31	MOBIL E
W1NN	OTTA	0	50	1	0	1	48	16	0	36	25	1	1	65	31	MOBIL E
W1NN	RICH	0	0	0	0	0	48	16	30	0	0	0	0	65	31	MOBIL E
W1NN	SAND	0	23	11	0	0	48	16	0	30	10	0	0	65	31	MOBIL E
W1NN	SENE	0	1	0	0	0	48	16	17	37	19	0	0	65	31	MOBIL E
W8MRG	ALLE	0	2	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	AUGL	0	2	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	BUTL	4	5	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E

W8MRG	CHAM	3	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	CLAR	2	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	CLER	3	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	DARK	0	3	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	GREE	2	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	HAMI	3	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	HARD	1	1	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	LOGA	3	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	MERC	0	1	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	MIAM	1	4	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	MONT	2	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	PAUL	1	1	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	PREB	0	6	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	PUTN	4	1	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	SHEL	0	4	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	VANW	0	4	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8MRG	WARR	3	0	0	0	0	29	18	0	0	0	0	0	0	0	MOBIL E
W8TK	ADA M	0	0	0	0	0	40	8	0	9	7	0	0	55	19	MOBIL E
W8TK	ATHE	0	3	5	0	0	40	8	0	14	18	0	0	55	19	MOBIL E
W8TK	BROW	0	5	0	0	0	40	8	0	13	6	0	0	55	19	MOBIL E

W8TK	CLIN	0	6	0	0	0	40	8	0	16	0	0	0	55	19	MOBIL E
W8TK	FAIR	0	4	1	0	0	40	8	0	22	6	0	0	55	19	MOBIL E
W8TK	FAYE	3	4	0	0	0	40	8	0	0	0	0	0	55	19	MOBIL E
W8TK	FRAN	1	1	0	0	0	40	8	29	14	0	0	0	55	19	MOBIL E
W8TK	HIGH	0	7	0	0	0	40	8	0	15	0	0	0	55	19	MOBIL E
W8TK	HOCK	0	0	0	0	0	40	8	0	12	6	0	0	55	19	MOBIL E
W8TK	JACK	0	0	6	0	0	40	8	0	15	25	0	0	55	19	MOBIL E
W8TK	LICK	0	5	0	0	0	40	8	0	31	11	0	0	55	19	MOBIL E
W8TK	MADI	0	7	0	0	0	40	8	0	7	0	0	0	55	19	MOBIL E
W8TK	MEIG	0	5	1	0	0	40	8	0	12	12	0	0	55	19	MOBIL E
W8TK	PERR	0	1	8	0	0	40	8	0	9	12	0	0	55	19	MOBIL E
W8TK	PICK	0	0	0	0	0	40	8	0	8	0	0	0	55	19	MOBIL E
W8TK	PIKE	0	6	0	0	0	40	8	0	26	12	0	0	55	19	MOBIL E
W8TK	ROSS	0	1	0	0	0	40	8	0	24	0	0	0	55	19	MOBIL E
W8TK	SCIO	0	2	2	0	0	40	8	0	13	14	0	0	55	19	MOBIL E
W8TK	VINT	0	0	0	0	0	40	8	0	29	21	0	0	55	19	MOBIL E
W8UE	AUGL	0	0	0	0	0	0	0	16	4	0	0	0	61	24	MOBIL E
W8UE	COSH	0	0	0	0	0	0	0	0	17	11	0	0	61	24	MOBIL E
W8UE	DARK	0	0	0	0	0	0	0	16	5	0	0	0	61	24	MOBIL E
W8UE	DELA	0	0	0	0	0	0	0	5	11	12	0	0	61	24	MOBIL E

W8UE	HARD	0	0	0	0	0	0	0	9	7	1	0	0	61	24	MOBIL E
W8UE	HOLM	0	0	0	0	0	0	0	0	16	27	0	0	61	24	MOBIL E
W8UE	KNOX	0	0	0	0	0	0	0	0	10	28	0	0	61	24	MOBIL E
W8UE	LICK	0	0	0	0	0	0	0	0	11	13	0	0	61	24	MOBIL E
W8UE	LOGA	0	0	0	0	0	0	0	3	17	0	0	0	61	24	MOBIL E
W8UE	MARI	0	0	0	0	0	0	0	4	13	9	0	0	61	24	MOBIL E
W8UE	MERC	0	0	0	0	0	0	0	17	12	0	0	0	61	24	MOBIL E
W8UE	MORR	0	0	0	0	0	0	0	2	11	34	0	0	61	24	MOBIL E
W8UE	SHEL	0	0	0	0	0	0	0	21	13	0	0	0	61	24	MOBIL E
W8UE	TUSC	0	0	0	0	0	0	0	0	25	21	0	0	61	24	MOBIL E
W8UE	UNIO	0	0	0	0	0	0	0	7	3	11	0	0	61	24	MOBIL E
K1KAA	MA	0	58	14	0	0	41	41	0	0	0	0	0	0	0	MULTI- OP
NOAT	MN	0	7	4	0	0	11	11	4	16	18	0	0	30	30	MULTI- OP
K8BLP	COLU	29	38	34	0	0	56	26	0	0	0	0	0	0	0	MULTI- OP
K8DV	CLER	81	93	139	0	0	90	40	129	120	56	0	0	81	43	MULTI- OP
K8MAD	LUCA	129	302	570	0	0	111	53	164	211	98	0	0	101	54	MULTI- OP
N8HR	MUSK	154	588	10	0	0	111	58	187	267	0	0	0	103	62	MULTI- OP
N8IHI	ASHL	25	46	3	0	0	39	20	28	19	15	0	0	27	10	MULTI- OP
W8B	BROW	19	17	29	0	0	41	16	161	65	52	0	0	93	54	MULTI- OP
W8FT	HANC	0	36	181	0	0	49	4	0	0	0	0	0	0	0	MULTI- OP

W8VM	HURO	15	3	1	0	0	17	11	38	78	27	0	0	58	24	MULTI- OP
K4UK	VA	0	0	0	0	0	0	0	0	20	0	0	0	19	19	ROVER
K4UK	WV	0	0	0	0	0	0	0	0	9	0	0	0	19	19	ROVER
K8RYU	ATHE	18	0	0	0	0	74	47	22	0	0	0	0	72	33	ROVER
K8RYU	GALL	7	48	14	0	0	74	47	0	44	25	0	0	72	33	ROVER
K8RYU	JACK	24	4	0	0	0	74	47	37	29	11	0	0	72	33	ROVER
K8RYU	LAWR	12	22	0	0	0	74	47	0	42	14	0	0	72	33	ROVER
K8RYU	MEIG	22	0	0	0	0	74	47	22	12	0	0	0	72	33	ROVER
K8RYU	SCIO	14	9	0	0	0	74	47	7	30	19	0	0	72	33	ROVER
K8RYU	VINT	47	1	0	0	0	74	47	16	7	0	0	0	72	33	ROVER
AB8S	WV	0	0	0	0	0	0	0	23	0	0	0	0	19	19	HIGH
CU2JT	DX	0	0	0	0	0	0	0	0	34	48	0	0	55	55	HIGH
DL3GA	DX	0	0	0	0	0	0	0	0	0	105	0	0	64	64	HIGH
DL5AWI	DX	0	0	0	0	0	0	0	0	46	49	0	0	62	62	HIGH
KOUK	CO	0	0	4	0	0	4	4	0	1	11	0	0	11	11	HIGH
K3ZT	PA	0	55	1	0	0	37	37	0	0	0	0	0	0	0	HIGH
K4LTA	TN	0	0	0	0	0	0	0	91	108	32	0	0	75	75	HIGH
K4ZGB	AL	6	56	9	0	0	39	39	23	50	16	0	0	51	51	HIGH
K6RB	CA	0	1	17	0	0	18	18	7	21	62	0	0	56	56	HIGH
K9JIG	WI	5	38	11	0	0	33	33	0	0	0	0	0	0	0	HIGH
KD2HE	NY	0	0	0	0	0	0	0	0	21	0	0	0	18	18	HIGH
KF3CV	MD	0	0	0	0	0	0	0	13	29	0	0	0	30	30	HIGH
KN4Y	FL	0	0	0	0	0	0	0	26	32	0	0	0	41	41	HIGH
N4GG	GA	0	21	0	0	0	18	18	0	28	1	0	0	25	25	HIGH
N4PN	GA	34	124	42	0	0	67	67	62	101	20	0	0	80	80	HIGH
N8II	WV	65	117	3	0	0	63	63	58	68	3	0	0	56	56	HIGH
OK1AOV	DX	0	0	0	0	0	0	0	0	0	68	0	0	52	51	HIGH
W0BH	KS	9	37	85	0	0	50	50	23	46	45	0	0	55	55	HIGH
W4NTI	AL	6	4	0	0	0	8	8	27	2	0	0	0	25	25	HIGH
W5JLR	TX	0	0	6	0	0	6	6	0	0	0	0	0	0	0	HIGH
W8MJ	MI	9	1	1	0	0	8	8	53	3	1	0	0	39	39	HIGH

W9IU	IN	20	83	0	0	0	44	44	65	68	0	0	0	67	67	HIGH
AD8P	ALLE	0	85	71	0	0	49	8	0	30	0	0	0	17	2	HIGH
AE8M	HAMI	3	43	0	0	0	26	7	37	111	36	0	0	63	32	HIGH
K8AJS	WAYN	2	64	128	0	0	58	12	150	123	84	0	0	94	56	HIGH
K8MP	DELA	75	96	161	0	0	87	38	129	101	90	0	0	80	39	HIGH
N8BJQ	CHAM	0	0	0	0	0	0	0	79	58	45	0	0	59	28	HIGH
N8IW	WAYN	7	35	1	0	0	24	7	99	124	47	0	0	72	37	HIGH
NC8V	ATHE	37	144	0	0	0	64	38	18	2	0	0	0	18	14	HIGH
W8WTS	GEAU	66	14	0	0	0	43	28	104	75	0	0	0	60	32	HIGH
WW8OH	LICK	24	92	27	0	0	64	30	0	0	0	0	0	0	0	HIGH
AC0DQ	NE	0	6	6	0	0	9	9	0	0	0	0	0	0	0	LOW
AD5QB	ΤХ	0	0	0	0	0	0	0	0	4	6	0	0	7	7	LOW
AI4ME	VA	6	11	0	0	0	11	11	0	0	0	0	0	0	0	LOW
AJ3J	PA	12	24	0	0	0	26	26	0	0	0	0	0	0	0	LOW
K0IO	IA	8	26	9	0	0	26	26	48	63	32	0	0	62	62	LOW
KOLDS	CO	0	0	0	0	0	0	0	0	9	9	0	0	14	14	LOW
KOLWV	MO	0	10	11	0	0	16	16	0	10	22	0	0	23	23	LOW
KOMPH	MN	3	7	0	0	0	8	8	34	19	0	0	0	37	36	LOW
K3LGM	ТХ	0	3	7	0	0	9	9	0	0	0	0	0	0	0	LOW
K3VED	PA	14	8	6	0	0	21	21	0	0	0	0	0	0	0	LOW
K4AMC	TN	0	25	10	0	0	24	24	21	94	17	0	0	62	62	LOW
K4BAI	GA	1	2	1	0	0	4	4	27	8	21	0	0	39	39	LOW
K4HAL	AL	0	0	0	0	0	0	0	25	45	19	0	0	45	45	LOW
K5UV	OK	0	2	11	0	0	13	13	6	30	65	0	0	61	61	LOW
K5WW	ТХ	0	0	1	0	0	1	1	0	0	0	0	0	0	0	LOW
K6CSL	CA	0	1	1	0	0	2	2	0	3	4	0	0	5	5	LOW
K7RL	WA	0	12	50	0	0	36	36	4	27	75	0	0	58	58	LOW
K8GVK	MI	14	13	0	0	0	21	21	0	6	0	0	0	5	5	LOW
K8IR	MI	21	49	26	0	0	47	47	53	109	47	0	0	76	76	LOW
K8VFR	MI	0	0	0	0	0	0	0	0	22	0	0	0	18	18	LOW
K8ZZV	WI	13	63	3	0	0	45	45	10	34	0	0	0	31	31	LOW
KA3FZN	PA	19	4	0	0	0	20	20	0	0	0	0	0	0	0	LOW

KA3VRW	PA	4	8	0	0	0	9	9	0	0	0	0	0	0	0	LOW
KA6MAL	CA	0	4	10	0	0	12	12	0	2	6	0	0	7	7	LOW
KB5DRJ	ΤХ	0	0	1	0	0	1	1	0	0	0	0	0	0	0	LOW
KB9YGD	IN	1	9	0	0	0	8	8	22	8	0	0	0	21	21	LOW
KC7FPB	OR	0	0	4	0	0	4	4	0	0	0	0	0	0	0	LOW
KD5TXL	OK	0	4	21	0	0	21	21	0	0	0	0	0	0	0	LOW
KD7DCA	AZ	0	0	8	0	0	8	8	0	0	0	0	0	0	0	LOW
KE7FKX	WA	0	0	4	0	0	4	4	0	0	0	0	0	0	0	LOW
KI4EGT	GA	0	0	0	0	0	0	0	0	45	0	0	0	36	36	LOW
KJ5RC	MS	0	10	16	0	0	19	19	0	0	0	0	0	0	0	LOW
KS0T	MN	0	8	15	0	0	19	19	0	33	34	0	0	47	47	LOW
KU8E	GA	4	93	25	0	0	63	63	50	98	41	0	0	76	76	LOW
N2CU	NY	7	15	2	0	0	21	21	36	46	3	0	0	44	44	LOW
N2IXX	SC	12	18	0	0	0	20	20	0	0	0	0	0	0	0	LOW
N2ZU	NJ	0	0	0	0	0	0	0	11	45	2	0	0	39	39	LOW
N3RJ	PA	19	32	2	0	0	34	34	10	56	5	0	0	37	37	LOW
N4PJ	FL	0	0	0	0	0	0	0	0	8	31	0	0	27	27	LOW
N8CQA	MI	26	8	0	0	0	22	22	16	8	0	0	0	19	19	LOW
NA2H	NY	0	14	0	0	0	11	11	0	0	0	0	0	0	0	LOW
NA3V	PA	5	17	0	0	0	18	18	3	28	0	0	0	25	25	LOW
NA4K	TN	2	27	10	0	0	26	26	15	53	22	0	0	51	51	LOW
NA9U	IN	17	16	0	0	0	20	20	30	40	5	0	0	41	41	LOW
NF8M	MI	0	0	0	0	0	0	0	11	8	0	0	0	16	16	LOW
NN3W	VA	19	9	0	0	0	18	18	22	21	0	0	0	28	28	LOW
<b>PA3ARM</b>	DX	0	0	0	0	0	0	0	0	13	35	0	0	40	40	LOW
VA3IX	ON	18	10	0	0	0	20	20	0	0	0	0	0	0	0	LOW
VA7MJR	BC	0	0	13	0	0	13	13	0	0	0	0	0	0	0	LOW
VE2AWR	QC	0	0	3	0	0	3	3	0	0	10	0	0	9	9	LOW
VE4LR	MB	0	5	0	0	0	5	5	0	0	0	0	0	0	0	LOW
VE5BC	SK	0	4	21	0	0	21	21	0	0	0	0	0	0	0	LOW
VE7NH	BC	0	0	0	0	0	0	0	1	24	18	0	0	35	35	LOW
W0VX	ТΧ	0	14	23	0	0	24	24	17	31	35	0	0	46	46	LOW

W1DWA	MA	0	0	0	0	0	0	0	0	94	0	0	0	73	73	LOW
W2CVW	NJ	0	5	0	0	0	5	5	6	63	0	0	0	53	53	LOW
W2LHL	NJ	0	23	0	0	0	18	18	45	109	12	0	0	75	75	LOW
W2LRO	NJ	0	14	0	0	0	10	10	20	25	2	0	0	33	33	LOW
W2WC	NY	0	0	0	0	0	0	0	1	13	11	0	0	19	19	LOW
W3AG	PA	9	7	0	0	0	14	14	36	27	0	0	0	37	37	LOW
W3DYA	ТХ	0	0	0	0	0	0	0	0	15	10	0	0	17	17	LOW
W4TMN	VA	12	38	14	0	0	39	39	0	0	0	0	0	0	0	LOW
W4YA	FL	0	0	0	0	0	0	0	0	24	17	0	0	29	29	LOW
W5DMB	ТХ	0	7	4	0	0	10	10	0	0	0	0	0	0	0	LOW
W5TD	OK	0	0	9	0	0	9	9	0	6	15	0	0	17	17	LOW
W6RLL	AZ	0	0	0	0	0	0	0	0	11	44	0	0	43	43	LOW
W7GVE	AZ	0	0	0	0	0	0	0	0	14	55	0	0	42	42	LOW
W8RU	MI	0	0	0	0	0	0	0	20	6	0	0	0	20	20	LOW
W9AEM	WI	0	16	0	0	0	15	15	0	29	0	0	0	28	28	LOW
W9EMT	IN	36	14	0	0	0	33	33	0	0	0	0	0	0	0	LOW
WA3EOP	MD	0	13	0	0	0	13	13	0	0	0	0	0	0	0	LOW
WA4OSD	TN	0	6	0	0	0	6	6	6	13	0	0	0	17	17	LOW
WA4VAP	KY	0	1	0	0	0	1	1	0	6	0	0	0	6	6	LOW
WA5SW N	KS	0	0	13	0	0	11	11	0	0	0	0	0	0	0	LOW
WA5ZUP	NM	0	3	15	0	0	15	15	0	0	0	0	0	0	0	LOW
WB2ATZ	NY	0	29	0	0	0	20	20	0	6	0	0	0	5	5	LOW
WE9N	IN	0	15	0	0	0	11	11	19	55	0	0	0	51	51	LOW
WF5X	MI	18	25	0	0	0	31	31	35	23	0	0	0	39	39	LOW
K2KW	WARR	0	6	23	0	0	18	6	0	12	45	0	0	26	2	LOW
K3RC	WOO D	8	4	0	0	0	12	9	36	30	21	0	0	47	22	LOW
K4UK	GUER	0	0	0	0	0	0	0	0	14	0	0	0	17	12	LOW
K4UK	NOBL	0	0	0	0	0	0	0	0	6	0	0	0	17	12	LOW
K4UK	TUSC	0	0	0	0	0	0	0	0	2	0	0	0	17	12	LOW
K4UK	WASH	0	0	0	0	0	0	0	0	10	0	0	0	17	12	LOW
K8NVR	MEDI	78	31	25	0	0	65	32	93	39	65	0	0	65	31	LOW

K8SM	LICK	14	4	0	0	0	16	13	47	0	0	0	0	34	19	LOW
K8WDN	MADI	0	1	0	0	0	1	0	60	60	3	0	0	72	52	LOW
K8YM	TRUM	0	53	0	0	0	38	23	0	0	0	0	0	0	0	LOW
KA8HQL	PERR	68	40	85	0	0	71	32	102	50	73	0	0	72	35	LOW
KB8PAI	LUCA	36	8	6	0	0	36	26	0	0	0	0	0	0	0	LOW
KB8UUZ	PORT	0	10	0	0	0	10	9	0	0	0	0	0	0	0	LOW
KC8OVB	ATHE	19	24	2	0	0	31	22	0	0	0	0	0	0	0	LOW
KD5LNO	MAH O	133	95	4	0	0	88	56	0	0	0	0	0	0	0	LOW
KD8ACO	CUYA	0	4	14	0	0	13	1	0	0	0	0	0	0	0	LOW
KD8AUQ	LORA	0	4	0	0	0	4	0	0	0	0	0	0	0	0	LOW
KF8HR	CLIN	17	57	0	0	0	38	17	121	100	12	0	0	81	55	LOW
KG9Z	WAYN	0	15	1	0	0	14	7	8	8	1	0	0	14	8	LOW
KR5N	WASH	22	64	3	0	0	49	29	18	14	0	0	0	23	12	LOW
KV8Q	FRAN	0	0	0	0	0	0	0	164	130	74	0	0	97	58	LOW
N8BY	CUYA	106	83	1	0	0	70	44	0	0	0	0	0	0	0	LOW
N8GB	LAKE	63	87	0	0	0	58	38	0	0	0	0	0	0	0	LOW
N8OT	BUTL	83	50	15	0	0	65	39	109	89	42	0	0	82	46	LOW
N8VZ	ATHE	30	10	0	0	0	24	18	0	0	0	0	0	0	0	LOW
N8XWO	ATHE	26	29	1	0	0	37	28	0	0	0	0	0	0	0	LOW
N8ZZV	WARR	0	17	5	0	0	16	9	0	0	0	0	0	0	0	LOW
N9AUG	DELA	0	0	0	0	0	0	0	111	3	42	0	0	79	48	LOW
N9FN	MERC	134	122	0	0	0	77	47	0	0	0	0	0	0	0	LOW
NR8U	LICK	22	27	5	0	0	38	27	0	0	0	0	0	0	0	LOW
W3BBO	ASHT	0	0	0	0	0	0	0	0	38	37	0	0	35	9	LOW
W8ASA	MONT	0	11	52	0	0	35	6	0	0	0	0	0	0	0	LOW
W8BD	WILL	59	62	152	0	0	82	31	0	60	0	0	0	28	5	LOW
W8CAR	ERIE	6	77	72	2	2	61	18	65	115	64	2	2	64	26	LOW
W8GC	CUYA	30	2	0	0	0	24	17	5	0	0	0	0	5	4	LOW
W8HH	WASH	9	33	91	0	0	57	20	0	0	0	0	0	0	0	LOW
W8IDM	OTTA	0	4	0	0	0	4	3	63	58	60	0	0	68	32	LOW
W8KNO	PORT	25	2	0	0	0	21	18	0	0	0	0	0	0	0	LOW

W8KRF	CUYA	6	7	0	0	0	22	16	0	0	0	0	0	0	0	LOW
W8KRF	LORA	0	8	0	0	0	22	16	0	0	0	0	0	0	0	LOW
W8KRF	MEDI	0	3	0	0	0	22	16	0	0	0	0	0	0	0	LOW
W8KRF	SUM M	2	0	4	0	0	22	16	0	0	0	0	0	0	0	LOW
W8PN	CUYA	0	0	0	0	0	0	0	31	24	14	0	0	43	22	LOW
W8UL	LICK	0	16	0	0	0	15	9	0	0	0	0	0	0	0	LOW
W8WTD	HAMI	26	7	43	0	0	47	23	0	0	0	0	0	0	0	LOW
WA8MW A	FRAN	0	0	0	0	0	0	0	1	0	0	0	0	1	1	LOW
WA8SSQ	MEDI	19	3	0	0	0	15	12	0	0	0	0	0	0	0	LOW
WA8TW M	LAKE	48	49	15	0	0	58	30	0	0	0	0	0	0	0	LOW
WA8YRS	KNOX	0	10	2	0	0	9	0	0	0	0	0	0	0	0	LOW
WB8CEH	GREE	44	27	0	0	0	45	26	74	69	27	0	0	64	33	LOW
WB8JUI	SENE	21	5	6	0	0	24	18	126	117	55	0	0	87	50	LOW
WB8TDA	HAMI	0	12	0	0	0	10	8	17	56	7	0	0	45	20	LOW
WB9LBI	PORT	0	0	0	0	0	0	0	51	0	44	0	0	44	20	LOW
WD8AJF	LORA	0	0	0	0	0	0	0	48	29	0	0	0	39	21	LOW
WD8LQB	HAMI	6	0	0	0	0	6	5	12	68	23	0	0	42	15	LOW
WT8C	LAKE	92	136	0	0	0	72	44	13	22	0	0	0	24	19	LOW
K3MD	PA	0	0	0	0	0	0	0	0	9	1	0	0	8	8	QRP
K3TW	MD	6	45	3	0	0	40	40	45	83	4	0	0	61	61	QRP
K7TQ	ID	0	0	0	0	0	0	0	0	10	34	0	0	31	31	QRP
KC5R	LA	3	14	5	0	0	19	19	13	32	7	0	0	35	35	QRP
KD2MX	NJ	0	0	0	0	0	0	0	1	27	0	0	0	22	22	QRP
N4JF	AL	0	50	13	0	0	36	36	59	95	30	0	0	79	79	QRP
NA2X	NY	0	0	0	0	0	0	0	0	16	0	0	0	16	16	QRP
NA4BW	GA	6	26	4	0	0	28	28	13	48	21	0	0	47	47	QRP
VA3RKM	ON	0	6	0	0	0	6	6	4	21	0	0	0	19	19	QRP
W0PQ	NE	0	0	0	0	0	0	0	0	21	19	0	0	31	31	QRP
W5JBV	FL	0	0	3	0	0	3	3	1	27	12	0	0	28	28	QRP
WA8ZBT	ТХ	0	10	19	0	0	23	23	2	21	43	0	0	45	45	QRP

K8WFL	LAKE	6	62	6	0	0	41	20	0	0	0	0	0	0	0	QRP
N8CX	CUYA	0	0	0	0	0	0	0	38	26	0	0	0	40	31	QRP
N8IE	MONT	46	80	6	0	0	59	35	67	46	7	0	0	58	35	QRP
W8TM	HAMI	0	0	0	0	0	0	0	0	68	15	0	0	44	17	QRP
Total QSOs		273 9	5292	278 3	3	4	1120 2		5331	787 4	399 1	4	4	1765 5		

## **QSOs by State/Provence**

State	QSOs	State	QSOs
PA	1110	ID	94
MI	1004	MS	88
ТΧ	937	NV	67
GA	904	NE	62
IN	598	KY	61
TN	590	RI	61
DX	563	OR	59
NJ	558	BC	59
VA	537	DE	51
CA	534	СТ	50
IL	528	NH	42
NY	472	UT	29
AL	459	AR	25
FL	430	SD	24
WI	376	HI	24
MN	372	ME	23
WV	360	QC	21
IA	351	SK	21
WA	341	MT	20
NC	336	AB	20
OK	311	MB	16
MA	295	AK	16
MD	287	NS	11

KS	245	ND	11
AZ	227	VT	9
LA	216	WY	8
SC	179	NB	3
MO	165	NF	2
ON	141	PEI	2
CO	137		
NM	117		

## **QSOs per County**

County	QSOs	County	QSOs	County	QSOs
WAYNE	705	ALLEN	154	HOCKING	54
LUCAS	600	LORAIN	153	HARRISON	54
BUTLER	565	MEIGS	151	PIKE	53
CUYAHOGA	522	WASHINGTON	148	ASHTABULA	52
DELAWARE	516	RICHLAND	144	FAYETTE	46
HAMILTON	480	CHAMPAIGN	141	WYANDOT	45
MUSKINGUM	469	ASHLAND	140	ROSS	43
FRANKLIN	396	WILLIAMS	140	FAIRFIELD	42
LAKE	331	VAN WERT	136	HARDING	41
CLERMONT	330	SUMMIT	134	HENRY	41
SENECA	292	PORTAGE	127	MORROW	40
MEDINA	273	COLUMBIANA	124	CRAWFORD	39
ERIE	266	WOOD	122	CLARK	37
LICKING	259	COSHOCTON	116	PUTNAM	37
PERRY	238	ADAMS	114	HIGHLAND	36
ATHENS	236	JACKSON	95	JEFFERSON	35
BROWN	234	AUGLAIZE	89	PAULDING	34
WARREN	216	TRUMBULL	87	CARROLL	33
MONTGOMERY	215	BELMONT	84	KNOX	30
GEAUGA	211	GUERNSEY	83	MONROE	29
CLINTON	208	SCIOTO	82	SHELBY	28
GALLIA	204	SANDUSKY	79	DEFIANCE	27

STARK	201	VINTON	78	PREBLE	26
HURON	185	DARKE	74	MORGAN	25
GREENE	183	PICKAWAY	69	MIAMI	24
MERCER	182	HOLMES	65	UNION	22
OTTAWA	175	FULTON	62	MARION	20
MADISON	168	HANCOCK	59	LOGAN	20
MAHONING	165	NOBLE	58		
TUSCARAWAS	163	LAWRENCE	54		

## **Distinct Counties Worked**

CALL	<b># Counties</b>	CALL	<b># Counties</b>	CALL	# Counties
N4PN	84	<b>PA3ARM</b>	40	VE5BC	21
N4JF	83	N2ZU	39	W5TD	21
K8IR	82	N8IW	39	WD8AJF	21
KU8E	81	W4TMN	39	K8WFL	20
W2LHL	78	W8MJ	39	KA3FZN	20
K4LTA	75	K0MPH	38	N2IXX	20
N8II	74	N8GB	38	W8HH	20
N8HR	73	NN3W	38	VA3RKM	20
W1DWA	73	K3ZT	37	<b>VA3IX</b>	20
W9IU	73	W1NN	37	WB9LBI	20
K3TW	72	W2LRO	37	W8RU	20
K7RL	69	W9AEM	36	WB2ATZ	20
W0BH	69	N0AT	36	AB8S	19
K0IO	67	KI4EGT	36	KJ5RC	19
K4AMC	65	N8TFD	36	W2WC	19
DL3GA	64	N4GG	36	WD8LQB	19
K5UV	64	VE7NH	35	W8GC	19
K8MAD	63	AD8J	35	K8VFR	18
DL5AWI	62	W8BD	35	KD2HE	18
K4ZGB	62	KJ9C	34	N8VZ	18
K6RB	60	KR5N	34	W8KNO	18
K8DV	59	W8CAR	34	W8MRG	18

KV8Q	58	AE8M	33	W3DYA	17
K8AJS	58	K9JIG	33	W8TM	17
NA4K	58	W8IDM	33	NA2X	16
K8RYU	57	W9EMT	33	W8KRF	16
KF8HR	57	N8CQA	32	NF8M	16
N8OT	57	K7TQ	31	KA6MAL	15
KD5LNO	56	N8CX	31	WA5ZUP	15
NA4BW	56	W0PQ	31	K0LDS	14
W8B	56	W8VM	31	KG9Z	14
WB8JUI	56	WW8OH	30	K0UK	14
W2CVW	55	KF3CV	30	VA7MJR	13
CU2JT	55	NA3V	30	WA3EOP	13
K8ZZV	53	K0LWV	30	WA8SSQ	12
W0VX	53	WA8TWM	30	VE2AWR	12
WA8ZBT	53	W4YA	29	AI4ME	11
WE9N	53	W5JBV	29	NA2H	11
K8MP	52	N8BJQ	28	WA5SWN	11
K8WDN	52	N8XWO	28	W5DMB	10
KS0T	52	K3RC	27	AC0DQ	9
WF5X	52	K4UK	27	KB8UUZ	9
WT8C	51	K8SM	27	KA3VRW	9
N2CU	51	N4PJ	27	K3LGM	9
KA8HQL	51	W4NTI	27	AD8P	9
OK1AOV	51	NR8U	27	W8UL	9
NA9U	51	AJ3J	26	W3BBO	9
N3RJ	49	AA8HH	26	KC8PD	9
N9AUG	48	K8BLP	26	N8ZZV	9
N8IE	48	N8IHI	26	K2KW	8
N9FN	47	KB8PAI	26	K3MD	8
K4HAL	45	KB9YGD	25	KD7DCA	8
WB8CEH	45	W8TK	24	AD5QB	7
KC5R	44	W8UE	24	W5JLR	6
K8MR	44	AF8A	23	W8ASA	6

N8BY	44	W8WTD	23	WA4VAP	6
W8WTS	44	K8YM	23	K6CSL	5
K8BB	43	K8GVK	22	VE4LR	5
W6RLL	43	KC8OVB	22	KC7FPB	4
NC8V	43	KD2MX	22	KE7FKX	4
K8NVR	42	W8PN	22	W8FT	4
W7GVE	42	WB8TDA	22	K5WW	1
K1KAA	41	WA4OSD	22	KB5DRJ	1
K4BAI	41	K3VED	21	KC8RSA	1
KN4Y	41	KD5TXL	21	KD8ACO	1
W3AG	41			WA8MWA	1