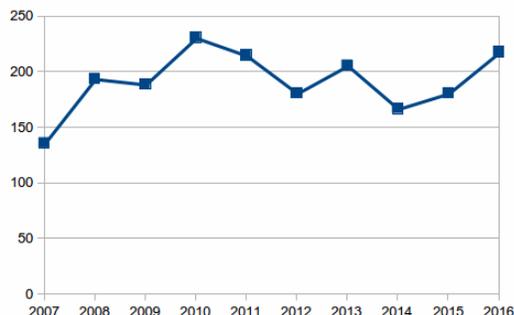
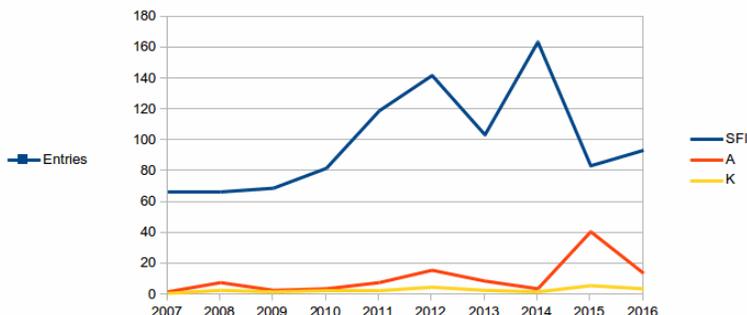


# TENNESSEE QSO PARTY 2016 – RESULTS



Entries by year



Solar flux, A & K indices by year

Clearly, sunspot numbers are not what they were. On the other hand, we didn't have the sky-high A index we had in 2015. QSO totals have been flat since 2014 but participation is increasing. We won't argue with that!

In score listings, a checkmark ✓ denotes a certificate winner.

## Tennessee Mobiles

### Multiop, low power, CW

Call	Score	QSO	Mult	Bonus
W4NZ✓	341,462	1,006	109	12,500
Oprs. W4NZ, K0EJ, Meagan				

### Single op, low power, CW

K4ZGB	138,820	428	105	4,000
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### Single op, QRP, CW

N2WN✓	13,800	100	36	3,000
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## Tennessee Fixed

### Multiop, high power, mixed mode

K4TCG✓	621,000	1,035	200	0
Oprs. K4UU, NY4N, WF7T, N4LKE, K4RO, KJ4WQN, KS4MH, Shauna Atchison				

### Multiop, low power, mixed mode

W4GZX✓	248,450	662	125	200
Oprs. W4JUJ, WA4NIV, NR4CW, KD5UBL, KM4NDU, W4LSV, K4INA, K4PSN, K4JFM, KK4STV, KM4LYT, KK4YEM, W4BDB				
N4FR✓	202,232	488	138	200
Oprs. N4FR, W4PHS				

### Single op, low power, CW

W4XK✓	18,126	114	53	0
Oprs. W4XK, KE4CMA				

### Multiop, low power, phone

WF4Q✓	12,736	81	52	100
Oprs. N4JHO, A14DB, KG4NVN, AA5XO, KM4EUG, KK4DIT				

### Single op, high power, CW

N4DW✓	185,160	390	158	300
K9IL✓	90,490	262	115	100
N4IR✓	76,533	263	97	0
K4AMC✓	28,728	152	63	0
KY4L✓	15,552	108	48	0
AA4DD	5,628	48	37	300
W4NL	4,360	40	33	400

### Single op, high power, mixed mode

K4OWR✓	255,400	575	148	100
N4VV✓	170,352	383	148	300
AG4M✓	115,250	295	130	200
Opr. N8UM				
NS4X✓	114,128	376	101	200
K4EDI✓	40,864	172	79	100
W4DTA	9,840	80	41	0
K4EZS	1,568	24	19	200
N4ADT	990	22	15	0

### Single op, high power, phone

W4KW✓	183,683	551	111	200
N4BCD✓	68,896	273	84	100
KM4IZZ✓	49,448	171	96	200
WB4YDY✓	40,716	174	78	0
W4WFC✓	16,896	176	32	0
KW4QJ	2,376	36	22	0
WA4JJY	1,271	21	17	200
N4CNZ	180	10	6	0

### Single op, low power, CW

N4ZZ✓	107,400	300	119	300
W4TTM✓	94,168	268	117	100
N8FF✓	87,550	275	106	100
AC4G✓	67,820	245	92	200
N4MJ✓	18,415	111	55	100
N4ZI	17,922	103	58	0
NS2X	14,338	113	42	100
W6UB	1,234	21	18	100
KK4SW	27	3	3	0

### Single op, low power, mixed mode

NA4K✓	240,664	564	142	400
KJ4KVC✓	60,535	255	79	100
N4ARO✓	58,055	203	95	200
KC4NX✓	29,935	255	39	100
K3IE✓	14,214	103	46	0
K4TAX	11,514	101	38	0

W4BK	7,660	56	45	100
AJ4GY	3,120	40	26	0
K4DXV	2,908	36	26	100
WD8RYC	2,064	28	21	300
KT4RH	1,222	22	17	100
N2BFD	630	15	14	0
KS4X	462	14	11	0
KA5VZG	240	10	8	0

### Single op, low power, phone

K4ARC✓	18,603	159	39	0
WA4RNN✓	18,117	183	33	0
WN8VIX✓	18,034	122	49	100
AB3I✓	15,369	109	47	0
KK4IWN✓	14,877	113	43	300
KM4GFJ	10,647	91	39	0
KM4HVE	6,120	51	40	0
KV4MO	5,049	51	33	0
NE4TN	4,500	50	30	0
NW3U	3,894	59	22	0
WJ4HCP	1,600	50	10	100
KJ4KKD	504	14	12	0
K4LPQ	192	8	8	0

### Single op, QRP, CW

K1GU(1)✓	3,675	49	25	0
K1GU(2)✓	2,898	42	23	0
K1GU(3)✓	900	20	15	0
(1)	Monroe Co.			
(2)	Roane Co.			
(3)	Blount Co.			

### Single op, QRP, mixed mode

N4NA✓	98,120	320	102	200
W4UT✓	39,139	169	77	100

Checklogs were received from W3WHK and KG4FUM – thanks!

**Out-of-state fixed**

**Single op, high power, CW**

K9YC√	23,920	98	80	400	CA
K3WJV√	12,026	73	54	200	PA
K4BYN√	9,647	67	47	200	NC
NS9I√	7,988	59	44	200	WI
K4RUM√	6,128	52	38	200	FL
N8BJQ√	4,556	44	33	200	OH
AE1T√	3,944	39	32	200	NH
N1NN√	2,625	31	25	300	MA
K0PC√	2,462	29	26	200	MN
K4WW√	1,675	25	21	100	KY
N4GG√	1,322	22	17	200	GA
KD2BGM√	814	17	14	100	TX
NF8M√	424	12	9	100	MI
IZ3NVR√	292	8	8	100	I

**Single op, high power, mixed mode**

N8II√	67,044	196	113	600	WV
VE9AA√	48,877	159	101	700	NB
VE3KZ√	37,354	149	82	700	ON
K4BAI√	25,122	122	67	600	GA
W1WMU√	22,764	117	64	300	ME
WT2P√	3,080	40	24	200	IL
NS8O√	2,596	32	26	100	OH
NC6K√	2,200	28	25	100	CA
WA6URY	2,000	25	24	200	CA
K9OZ√	1,404	26	18	0	AR

**Single op, high power, phone**

NU1O√	2,676	33	24	300	MA
KJ5MA√	1,586	22	21	200	TX
N0DOW√	820	16	15	100	MN
N5WVR√	400	10	10	100	VT
N9NBC√	363	11	11	0	WI
K17DG√	175	5	5	100	WA
AA0A√	126	7	6	0	MO
VE2GT√	108	6	6	0	QC

**Single op, low power, CW**

NWOM√	18,456	89	68	300	MO
WB0CFF√	13,620	74	60	300	MN
N9NM√	11,850	70	55	300	TX
K8QWY√	11,702	71	54	200	OH
KN4Y√	11,330	70	53	200	FL
WN8P√	10,850	71	50	200	MI
AB9CA√	9,992	68	48	200	AL
W2CVW√	9,042	62	47	300	NJ
WA8ZBT	8,940	64	45	300	TX
W1QK√	7,960	56	45	400	CT
W1END√	4,628	41	36	200	NH
K3FH√	4,259	41	33	200	PA
N5PHT√	3,734	38	31	200	AR
KM4FO√	2,852	34	26	200	KY
WT9Q√	2,720	35	24	200	WI

**Plaque winners**

**Category**

DX	
North America	
Out-of-state, high power	
Out-of-state, low power	
Out-of-state, QRP	
Tennessee, single-op mobile	
Tennessee, high power	
Tennessee, low power	
Tennessee, QRP	
Out-of-state club	
Tennessee club	

WB8JUI	2,575	33	25	100	OH
NO5W√	2,288	29	24	200	LA
K9GDF	1,982	27	22	200	WI
W4ZPR√	1,584	24	22	0	VA
NY9P√	1,560	26	20	0	IL
NJ4Q	1,560	26	20	0	VA
K3YP	1,425	25	19	0	OH
W8JPF	1,411	23	19	100	OH
KF3G	1,180	20	18	100	PA
NX4N	1,120	20	17	100	FL
K7ZYV√	1,026	19	18	0	MS
K3CKO√	1,020	20	17	0	NY
W5JR√	529	13	11	100	GA
K4GZZ	500	10	10	200	GA
W1UJ√	268	8	7	100	MA
N4TMM	105	7	5	0	GA
K6LRN√	60	5	4	0	CA
W6RKC	48	4	4	0	CA

**Single op, low power, mixed mode**

KJ4LTA√	19,000	100	62	400	AL
WB9HFK√	15,780	86	60	300	IL
KB3LIX√	12,412	77	52	400	PA
N2CQ√	11,532	72	52	300	NJ
WN4AFP√	11,163	71	51	300	SC
K4BSK√	9,900	64	50	300	NC
W3CQB	9,784	68	46	400	PA
WA9LEY	9,210	66	45	300	IL
K4FJW√	7,457	59	41	200	VA
KD5ILA√	7,400	60	40	200	AR
AH6AX√	7,026	59	38	300	MD
ND4Y√	6,214	51	38	400	KY
K4AMA	5,445	49	35	300	SC
K2HT√	5,036	52	31	200	MO
N8FYL√	4,994	47	34	200	MI
ND9E	4,285	45	31	100	IL
N3CKI	4,070	43	30	200	VA
NW2K√	4,040	40	32	200	NY
K0TC√	3,963	37	33	300	MN
W4WLF√	3,224	36	28	200	MS
K0HNC√	2,648	34	24	200	KS
W8KNO√	2,484	36	23	0	OH
K0VBU	2,170	30	23	100	KS
KF3EB	1,675	25	21	100	PA
K9NW	1,600	25	20	100	OH
VA3RKM√	1,426	26	17	100	ON
AD8J	1,424	24	17	200	NC
KO9V	1,371	21	17	300	NC
N9BT	1,288	22	18	100	IL
N4NTO	1,224	22	14	300	NC
W0SEB√	1,208	21	16	200	SD
W4NBS	702	18	13	0	AL
KX1W	532	12	12	100	NY
N4DLR	504	14	12	0	OH
VE7JH√	460	12	10	100	BC

**Single op, low power, phone**

KE3ZT√	4,612	47	32	100	PA
W7KAM√	1,712	24	21	200	MO
K3JAG	1,640	24	20	200	PA
N3GAR	1,334	21	18	200	PA
NM5WB√	964	18	16	100	NM
N5MKY√	740	15	12	200	MI
KC0IUY√	676	16	12	100	KS
W4DUK√	646	14	13	100	VA
KE5TQA√	563	11	11	200	TX
KF4EKA	460	12	10	100	VA
AB5XZ	443	9	9	200	TX
WA1SAY√	397	11	9	100	CT
KD4QMY√	244	8	6	100	GA
WZ6ZZ√	226	7	6	100	CA
K1AUS√	148	4	4	100	MT
KG7TQV√	148	4	4	100	NV
KD0THS√	112	2	2	100	CO
N9WL	27	3	3	0	NM
AB7WP√	3	1	1	0	AZ
KT4LS	3	1	1	0	GA
KB1VXY√	3	1	1	0	MA
KJ0P√	3	1	1	0	MN

**Single op, low power, digital**

W3HF√	48	4	4	0	PA
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**Single op, QRP, CW**

K2YGM√	4,061	39	33	200	NY
W4VG√	1,380	23	20	0	VA
AB1YD√	1,000	20	15	100	RI
WA2NYY	798	19	14	0	NY
KG4IGC√	604	14	12	100	SC
K3JZD√	562	14	11	100	PA
WI9WI√	430	11	10	100	WI
VE6NS√	175	5	5	100	AB

**Single op, QRP, mixed mode**

WE5EE√	23,190	109	70	300	LA
K3TW√	19,332	104	61	300	FL
VE3AYR√	3,376	39	28	100	ON
K4YND√	2,575	33	25	100	VA
K1VUT√	594	18	11	0	MA

**Single op, QRP, phone**

N8OCJ√	772	16	14	100	OH
WB0IWG√	292	8	8	100	ND
NA4O√	147	7	7	0	GA

**Winner**

Stefano Menon, IZ3NVR	292
Michael Smith, VE9AA	48,877
Jeffrey Hartley, N8II	67,044
Ed Winkler, KJ4LTA	19,000
Jeff Guidry, WE5EE	23,190
Tom Hardison, K4ZGB	138,820
Bill Radice, K4OWR	255,400
Steve Woods, NA4K	240,664
Chris Haley, N4NA	98,120
Potomac Valley Radio Club	67,044
Bristol Amateur Radio Club – Tennessee	428,931

**Score**

**Out-of-state clubs**

Club	Score
Potomac Valley RC✓	67,044
Maritime Contest Club	48,877
Contest Club Ontario	42,156
South East Contest Club	28,112
Northern California Contest Club	23,920
Frankford Radio Club	23,558
Yankee Clipper Contest Club	20,861
Kansas City Contest Club	20,626
Florida Contest Group	20,452
Alabama Contest Group	20,425
Society of Midwest Contesters	19,653
Swamp Fox Contest Group	17,212
SMARTS	13,620
Allegheny Valley Radio Association	12,412
Sportsman's Paradise ARC	11,330
Wexaukee Amateur Radio Club	10,850

**Out-of-state clubs**

Kentucky Contest Group	10,741
Raleigh Amateur Radio Society	9,647
Metro DX Club	9,210
DFW Contest Group	8,940
Northeast Wisconsin DX Association	7,988
Bristol ARC – Virginia	7,457
Minnesota Wireless Association	6,428
L'Anse Creuse Amateur Radio Club	4,994
Mad River Radio Club	4,508
Southern California Contest Club	4,200
Sunday Creek Amateur Radio Fed.	2,596
Not Quite Workable Contest Club	2,575
Louisiana Contest Club	2,288
Fulton County Amateur Radio Club	1,712
BARC	1,334
QSY Society	798
Skyview Radio Society	562

**Out-of-state clubs**

Georgia Contest Group	529
ORCA DX & Contest Club	460
STXDXCC	443
Central Vermont Amateur Radio Club	400
Italian Contest Club	292
Spokane DX Association	175
Mother Lode DX/Contest Club	108
NorDX	108

**Tennessee clubs**

Bristol ARC – Tennessee✓	428,931
Cleveland Amateur Radio Club	248,450
Alabama Contest Group – Tenn.	207,716
WCARES	202,232
Tennessee Valley DX Association	18,126

**Tennessee QSO Party records**

No new records were set in 2016.

**Tennessee records:**

Category	CW	Phone	Mixed
Single-op fixed, QRP	174,584 – NS2X, 2011	None	171,726 – N2WN, 2011
Single-op fixed, low power	329,673 – K4LTA, 2011	201,952 – NE4TN, 2014	422,397 – NA4K, 2011
Single-op fixed, high power	338,836 – N4DW, 2013	237,204 – K4OWR, 2015	462,556 – K4RO, 2010
Multi-op fixed, QRP	None	None	165,226 – N4NA, 2013
Multi-op fixed, low power	None	111,321 – W4JUJ, 2015	495,040 – K4TCG, 2011
Multi-op fixed, high power	None	None	1,101,700 – K4TCG, 2014
Single-op mobile, QRP	37,520 – N2WN, 2014	None	16,420 – N2WN, 2012
Single-op mobile, low power	410,344 – W4SIG, 2011	17,320 – AB4GG, 2012	504,776 – K4LTA, 2010
Single-op mobile, high power	None	90,390 – KJ4BIX, 2011	244,648 – AD8J, 2013
Multi-op mobile, QRP	763 – NS2X, 2013	None	None
Multi-op mobile, low power	740,312 – W4NZ, 2011	None	632,792 – N4ZZ, 2010
Multi-op mobile, high power	None	None	None

**Out-of-state records:**

Single-op fixed, QRP	24,786 – K3TW, 2015	848 – KA3UOL, 2013	52,452 – W0MHS, 2010
Single-op fixed, low power	65,500 – KV8Q, 2011	5,768 – WN4AFP, 2014	87,370 – WB8JUI, 2010
Single-op fixed, high power	85,311 – AA3B, 2011	10,110 – AD5WB, 2012	104,802 – W0BH, 2010
Multi-op fixed, QRP	None	None	None
Multi-op fixed, low power	None	None	4,582 – AE6IC, 2011
Multi-op fixed, high power	None	608 – KC9YHB, 2013	61,975 – N6MA, 2011

**Club records:**

Tennessee club	1,591,687 – Mobile Team West, 2010
Out-of-state club	251,410 – South East Contest Club, 2011

**Notes from the logchecker**

Digital mode operators: please carefully check your logging software. We received two logs which had negative numbers where the other station's QTH should have been. (I suspect the numbers were PSK IMD attenuation figures) One of these operators was able to reconstruct the QTH information. The other one couldn't & I had to use his log as a checklog.

We only received five paper logs this year, and nearly all of the emailed logs were of proper Cabrillo format. We had a bit of trouble with a couple of ADIF-format logs. These logs didn't contain the mailing address of the operator or the QTH from which he operated. Please avoid using ADIF if possible. If you must use ADIF, please include your mailing address and your county in your email.

If those are the biggest problems we're having, we're doing pretty well!

## Soapbox

AB1YD:

I really enjoyed the non-stop action, especially after the recent poor band conditions. Looking forward to next year!

AC4G:

Traveled to family place in Clay County. Had to erect some wire antennas. First, began with a vertical with radials. Did not work as the FT-950 would not tune, so happened to bring 4:1 balun which was added. Thank goodness would tune lower 40m band and lower 40m SSB band segment. Decided after much wasted time trying to prune & tune, to stick with CW in the contest.

Since it would not tune 80m or other bands, I decided to pull out of my bag of center insulators, ladder line, and rope with end insulators in attempt to erect another antenna to tune other bands for other points. Even about 2 hours into contest had something to tune 80m with high SWR and decent SWR on 20m. After a struggle getting ladderline dipole working around and over some electric lines, I was off in the contest.

I wanted to activate Clay County since it seemed somewhat rare except for the rovers & mobiles driving thru. All and all, I had much fun working against the clock and driving 3.5 hours from my home QTH in Lincoln County to activate this one from my family vacation house.

Thanks all who pulled my weak signal out. Located at the bottom of a hollow surrounded by hills at least 300 ft high all around.

In the end, on 20m I QSO'd West Coast (CA, WA, MT), on 40/80 the East Coast (Northeast, Virginia and Carolinas down to FL) to Louisiana, Texas, Arizona and the mid-West. Was not able to QSO all TN Counties via CW. 73, Bruce

*(Unfortunately, we weren't able to activate all counties this year. No entrant has yet worked them all. Let's try to change that in 2017!)*

K1AUS:

Very poor conditions. A lot of QSB. The only band I heard any Tennessee stations was on 20 meters. *(K1AUS is in Montana)*

K1GU:

Operating from the Great Smoky Mountains National Park, NPOTA NP26. *(Blount Co.)*; Operating from Ft. Loudoun State Historical Park *(Monroe Co.)*; Operating from Melton Hill Dam, Clinton Engineer Works, Manhattan Project, NPOTA HP50. *(Roane Co.)*

K9GDF:

Antenna is rain gutter and downspouts.

K9IL:

Like to see the Tennessee mobile stations sign as rovers. Since we don't search & pounce much it'd be nice to be able to spot the mobiles. For me limited time as we went to a fireworks display. Always a fun contest.

KD5ILA:

Thanks for the great QSO Party. I really enjoyed it. Worked all stations heard. All contacts were made using 160M Delta Loop antenna at 10 feet. I want to thank all operators for allowing me to be part of their logs.

KJ5MA:

Good party, but heavy QRN and no mobiles heard. *(in Texas)*

KN4Y:

Mostly a 40-meter QSO party, got power back after Hurricane Hermine in time for the fun.

KY4L:

This operation was also an National Parks on the Air activation of the Manhattan Project National Historical Park (HP50) from the Children's Museum of Oak Ridge, an original Manhattan Project structure.

N2WN:

Meh. 20 was dead overall, went there to make sure K9YC got the county, he was the only multiple repeat. Activity seemed sparse, it was a pretty day for a drive and less humid than last year. No issues this year, Murphy was on holiday. VE3KZ and VE9AA were the only "DX". VE3KZ was the only one to work me in all seven, K9YC made five. Thanks for the Qs. Ran a KX3 into a Hustler. 72..

N4ARO:

Using my old TS-830S and a collection of wires in the trees but still had fun handing out Washington county. Performance nothing to brag about this year. Band conditions pretty poor.

NC6K:

Not much time to participate, and conditions were pretty awful. Many of the TN stations bailed from 20 to 40 M early on, so us West Coast stations had no one to work.

I suggest a longer contest period (24 hours?) so those of us on the opposite coast can have some time to work stations on 80 and 40 M.

WIEND:

Rig was FTdx5000 and Butternut HF6V all-band vertical. Pleased to find so much activity.

W4KW:

I tried to give the West Coast some extra attention on 20. Hopefully TN participation was up this year. Probable cost me some points by not going to 40 sooner, but that's the path I chose. Thanks for all ur help and dedication.

W4WFC:

This is my first submission to a contest ever! I have been a ham since 1988 and have operated several contests but have never submitted a log. I had a blast! I did not get started until 5 PM CDT because of my grandson's birthday party, but I had 176 total contacts, 528 QSO Points, 32 Multipliers, for 16,896 Total Score. Hopefully, the attached file is in the correct Cabrillo format. Will look forward to next year! Thanks!

*(it was in correct format. Thanks, and glad we could be your first submitted log!)*

W5JR:

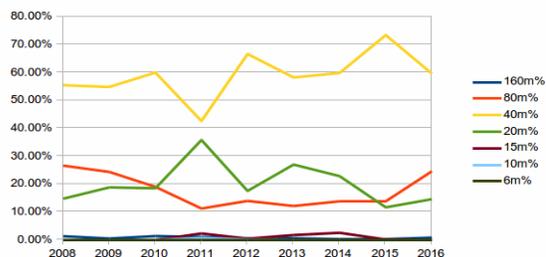
First time to operate the Flex away from home. The radio was in GA (home) while I was in TX (former home).

W8JPF:

Too close for 20m, 40 shut down early and my antenna for 80 is not very efficient. Found some good signals from TN and had fun. Tnx es GL to all.

WN8VIX:

This is my first TN QSO Party after moving here about 12 years ago. It certainly was a challenge and I wish I had participated before now. Thank you for sponsoring this event and I look forward to next year's.

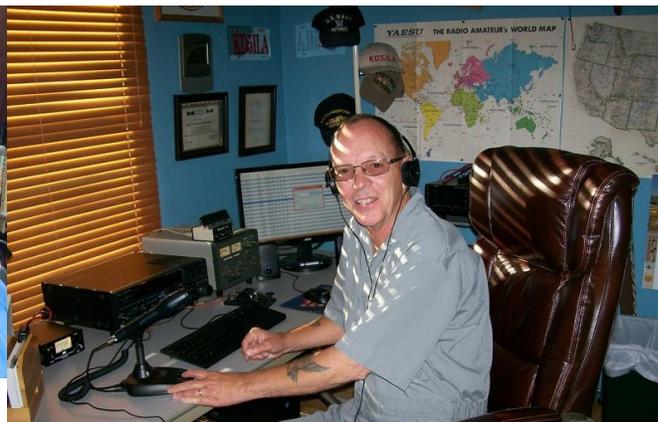


QSOs by band by year

Roughly 85% of QSOs this year were made on 40 and 80 meters. As you might note in the Soapbox above, that's a problem for many West Coast stations. In September, the sun goes down at 7:15 in San Francisco. The Tennessee QSO Party ends at 8:00. That's not much time for decent 40 meter conditions, and 80 is pretty much out of the question. More activity on 20 meters would be appreciated by many out-of-state operators, and by our DX brethren.



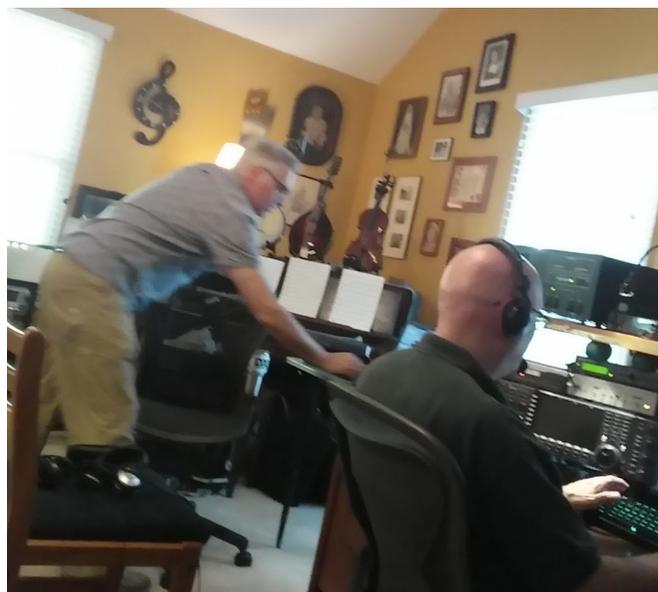
Shauna Atchison & Jeff, NY4N operating K4TCG



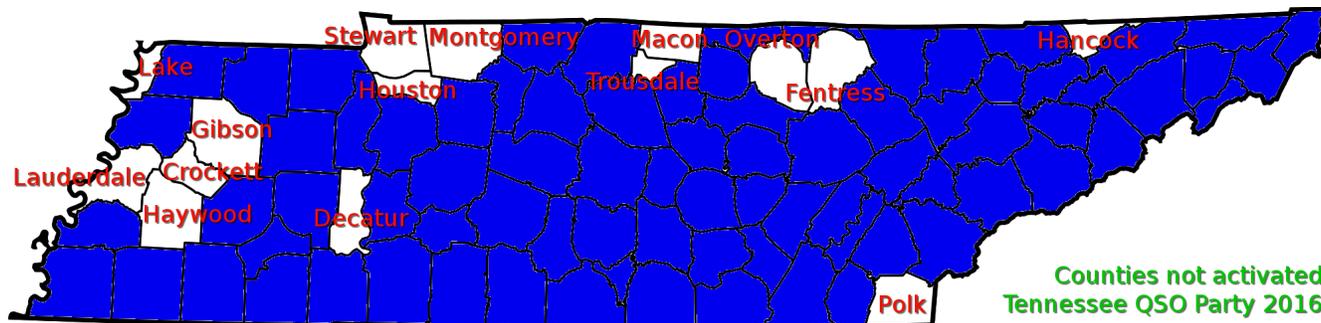
KD5ILA, Arkansas



The K4RO antenna system



WF7T & K4RO operating K4TCG



We came fifteen counties short of activating them all this year.

***The 2017 Tennessee QSO Party will be on Sunday, September 3<sup>rd</sup>.  
See you there!***