

**Connecting  
Friends,  
Communities  
and the World**

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# ARRL Field Day 2019

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## Field Day 2019

The Cumberland Amateur Radio Club gathered at our long-standing Field Day Operations site. Shaffer Park, operated by the Carlisle Parks and Recreation Department.



Many hands make light work – even if the load weighs 115 pounds.



Richard Johnson N3EPY, Garry Fasick K3EYK, Jay Vogel KB3UWH, and Ed LeTersky KB3RKM (left to right) assemble the Butternut Vertical antenna in the back yard area behind the Shaffer Park Cabin.





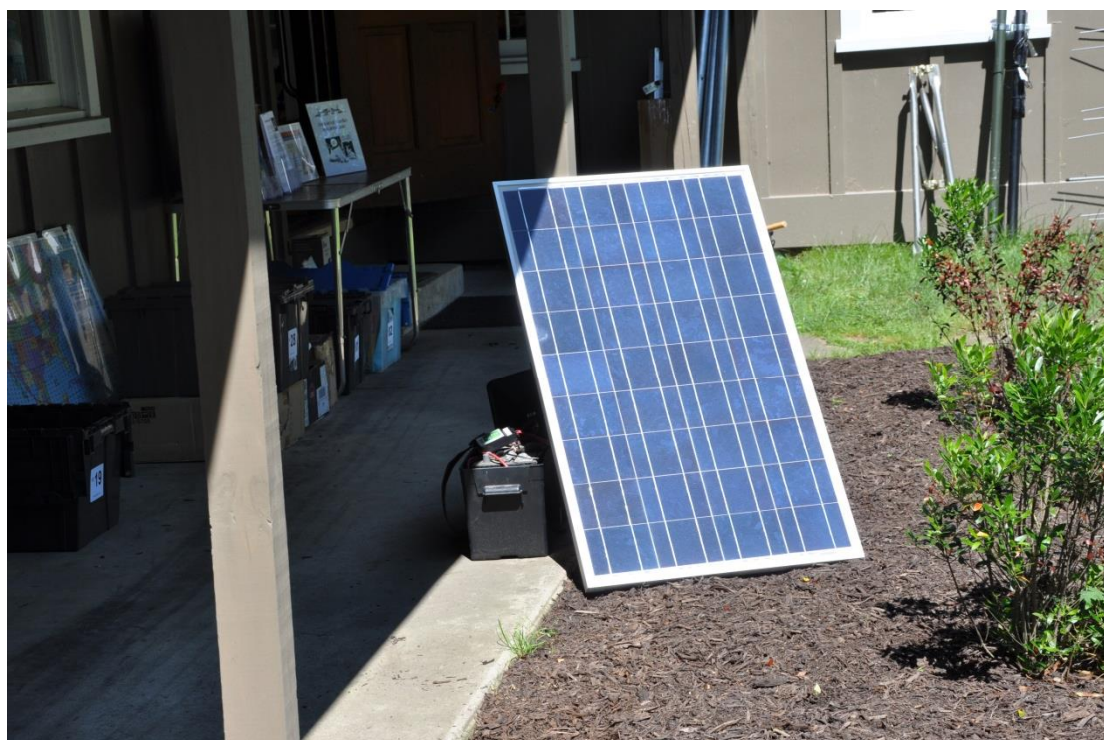
Look at that beautiful blue sky, pure white fair-weather clouds, and the verdant green lawn. A perfectly beautiful Saturday morning in Carlisle, Pennsylvania. Sunday was very nice too.



Where is everyone? QSOs do not make themselves, you know. We need “BIC” if we are going to win this contest. Perhaps the Good Humor ice cream truck drove through the neighborhood. Or, did the mouth-watering aroma of Frank’s homemade brownies waft through the room?



Digital Communications made a giant leap this year as Professor Joe Taylor, K1JT, updated the FT8 Digital Mode to support the ARRL Field Day exchange. Here we see Richard Johnson, N3EPY and Dave Hile, W3VRE operating FT8 with a QRP transceiver. Their efforts earned 100 Bonus Points.



Natural Power continues to grow in popularity, availability, and affordability. Dave Hile, W3VRE shared with us his Solar Array, Charge Controller, and Storage Battery. His efforts earned 100 Bonus Points.





Welcome Sign. Jay Vogel recommended the balloons. They helped.



Frank Mellott, KB3PQT coming in loud and clear.



Harry Fasick, K3EYL and Valli Hoski, N8QVT on-the-air.



One small part of the 75 Meter Dipole Raising Team.  
It takes a whole village to raise this antenna. More elsewhere.

## Scoring Summary

Total Contacts = 324  
Total QSO Points = 393  
X2 Low Power Mult = 786  
+  
Bonus Points 970  
=  
TOTAL K3IEC SCORE 1,756

## Scoring Details -- Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
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80	0	134	0	134	41
40	36	78	0	114	35
20	16	43	14	73	23
15	0	0	3	3	1
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Total	52	255	17	324	100

## Bonus Point Details

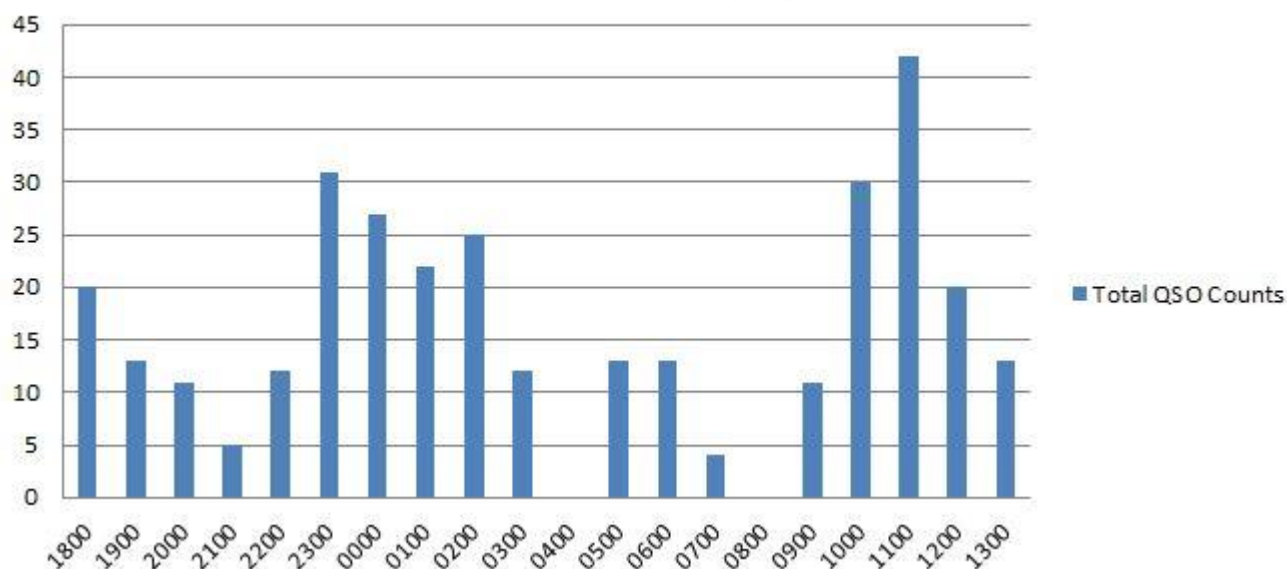
Media Publicity	100
Public Location	100
Public Information Table	100
W1AW Field Day Message	100
Natural Power QSOs Completed	100
Site Visited by Invited Elected Official	100
Educational Activity	100
Youth Participation	20
Safety Officer	100
Social Media	100
Entry Submitted via the Web	50

## QSO Counts and Band/Mode Distribution by Hour

HOURLY QSO COUNTS

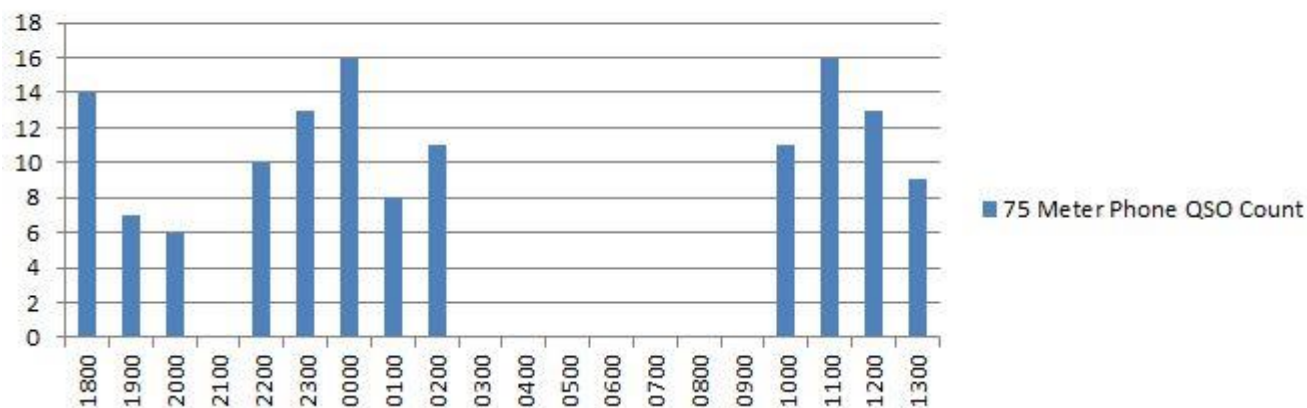
TIME UTC	TIME LOCAL	ALL BANDS	75 PHONE	40 PHONE	20 PHONE	20/15 DIGITAL	40 CW	20 CW
1800	02:00 pm	20	14	0	2	4	0	0
1900	03:00 pm	13	7	1	1	4	0	0
2000	04:00 pm	11	6	3	2	0	0	0
2100	05:00 pm	5	0	5	0	0	0	0
2200	06:00 pm	12	10	1	1	0	0	0
2300	07:00 pm	31	13	14	4	0	0	0
0000	08:00 pm	27	16	2	9	0	0	0
0100	09:00 pm	22	8	7	7	0	0	0
0200	10:00 pm	25	11	5	9	0	0	0
0300	11:00 pm	12	0	8	4	0	0	0
0400	Midnight	0	0	0	0	0	0	0
0500	01:00 am	13	0	13	0	0	0	0
0600	02:00 am	13	0	13	0	0	0	0
0700	03:00 am	4	0	4	0	0	0	0
0800	04:00 am	0	0	0	0	0	0	0
0900	05:00 am	11	0	0	0	0	11	0
1000	06:00 am	30	11	0	0	0	19	0
1100	07:00 am	42	16	2	0	2	6	16
1200	08:00 am	20	13	0	0	7	0	0
1300	09:00 am	13	9	0	4	0	0	0
TOTAL		324	134	78	43	17	36	16

Total QSO Counts, by Hour

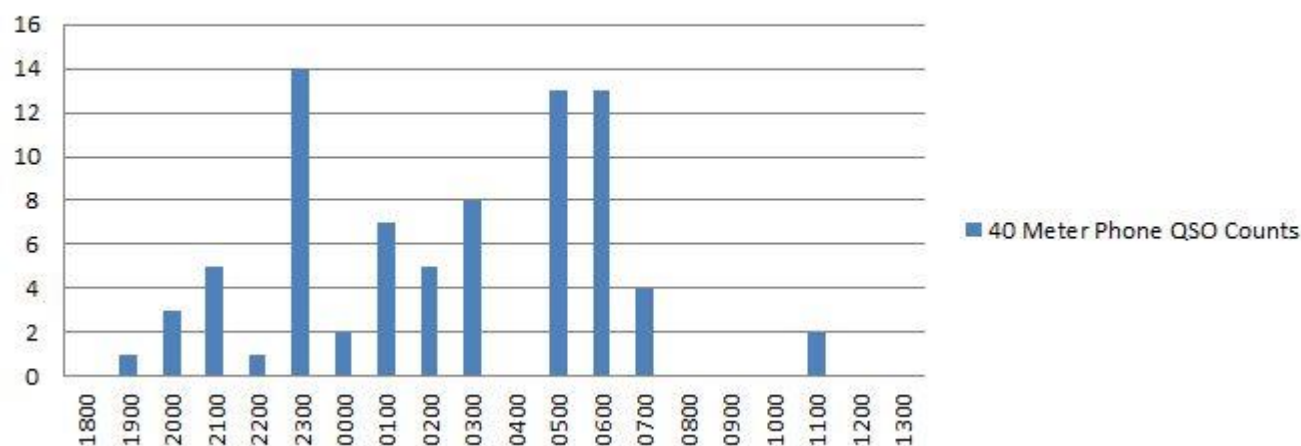


The day progresses left to right. Saturday 1800 UTC (2:00 p.m.) through Sunday 1359 UTC (9:59 a.m.)

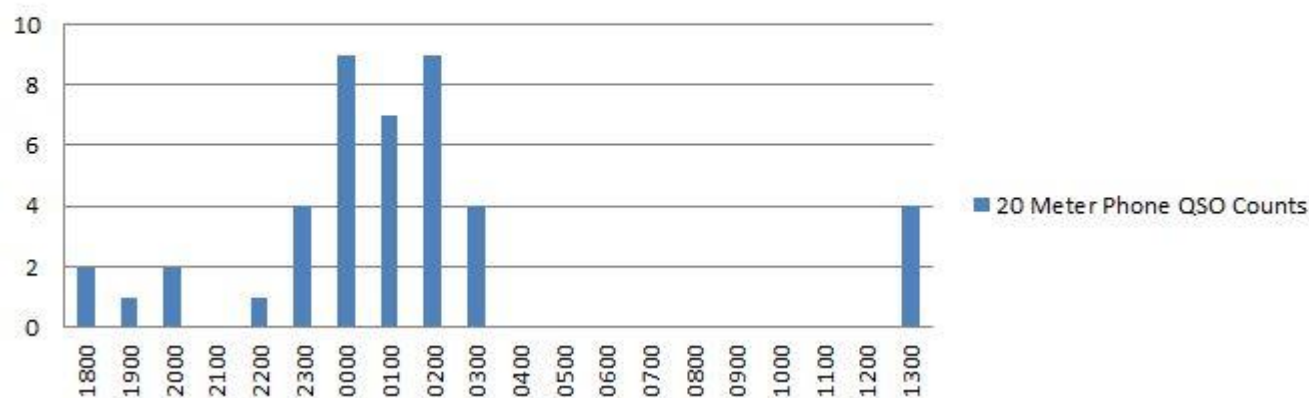
## 75 Meter Phone QSO Count



## 40 Meter Phone QSO Counts



## 20 Meter Phone QSO Counts







Our Guest, Paul Zipf, KC3MRL, jumped in and Got On The Air.



Education Activity Leader Steve Hancock, N3FWE, demos SSTV.



Doug Good KC3AB (l) and Logan Good KC3FFI (r) on 75 Meter Phone.



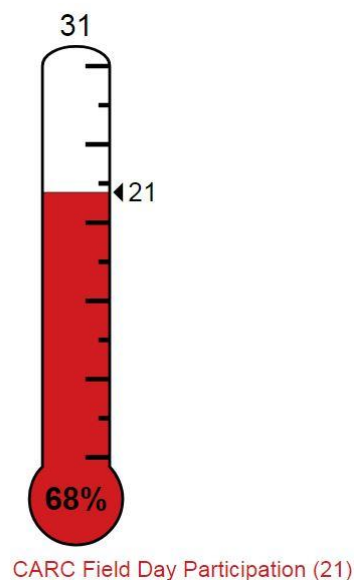
More of the Antenna Crew raising masts for the 75 Meter Dipole.

## CARC Member Participants (21)

Bob Bennett	KV3K	Steve Hancock	N3FWE
Jim Binkley	K3GPS	R J Harris	W3HP
Ed Butterworth	KB3HCU	Dave Hile	W3VRE
Bill Eppig	KC3LCY	Valli Hoski	N8QVT
Christopher Eppig	KC3MPR	Rick Keen	Coming Soon
Richard Johnson	N3EPY	Glenn Kurzenknabe	K3SWZ
Garry Fasick	K3EYK	Ed LeTersky	KB3RKM
Harry Fasick	K3EYL	Frank Mellott	KB3PQT
Andrew Forsyth	AF3I	Bobbe Rothermel	WA3BKK
Doug Good	KC3AB	Jay Vogel	KB3UWH
Logan Good	KC3FFI		

This is the greatest number of CARC Member Field Day participants that I recall during the thirteen years I have been a member of this great club.

Our current membership count is 31. Having 21 members active on Field Day gives us a 68% participation rate. Woo hoo!





**Christopher Eppig, KC3MPR. First Time Field Day Participant.**  
**Christopher and his father volunteered to grill the meats for Saturday Night Supper.**



**Rick Keen, closest to camera. First Time Field Day Participant. Learning the ropes.**





**Bill Eppig, KC3LCY. First Time Field Day Participant.**

**Bill and his son volunteered to grill the meats for Saturday Night Supper.**

**CARC Members and Guests enjoyed hot dogs, hamburgers, and chicken breasts.**

**Visitors and Other Participants (7)**

Gary Blacksmith    WA3CPO

Finn Long

Vanessa Long

Vivienne Long

Sam McKelvey

Chris Snell

Paul Zipf

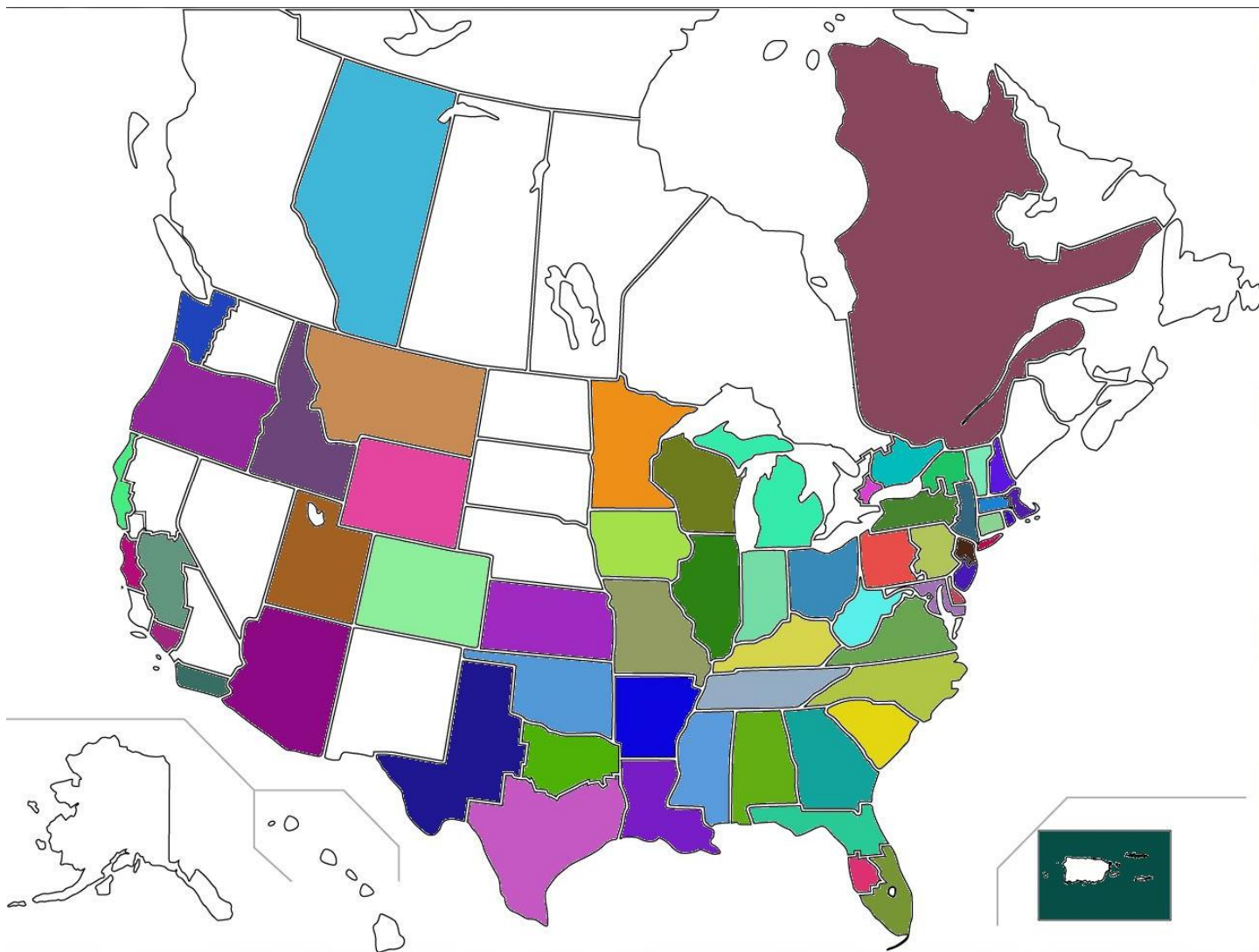
NW5W

KC3MRL

# Total Contacts by ARRL/RAC Section:

Section	Total	%	Section	Total	%
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OH	28	9	ONE	3	1
EPA	22	7	QC	3	1
(import error)	17	5	SDG	3	1
MDC	16	5	TN	3	1
NC	15	5	WNY	3	1
WPA	15	5	AZ	2	1
VA	14	4	IA	2	1
IL	12	4	LA	2	1
NNJ	12	4	MN	2	1
IN	10	3	MS	2	1
MI	9	3	SCV	2	1
WI	9	3	SFL	2	1
GA	7	2	UT	2	1
NH	7	2	WTX	2	1
AL	6	2	AB	1	0
CO	6	2	AR	1	0
ENY	6	2	GTA	1	0
NFL	6	2	ID	1	0
NTX	6	2	KS	1	0
SNJ	6	2	LAX	1	0
RI	5	2	MO	1	0
VT	5	2	MT	1	0
WV	5	2	NLI	1	0
CT	4	1	NNY	1	0
KY	4	1	OK	1	0
SC	4	1	OR	1	0
STX	4	1	SF	1	0
WCF	4	1	SJV	1	0
WMA	4	1	VI	1	0
DE	3	1	WWA	1	0
EMA	3	1	WY	1	0

Total = 61



**Sections Worked – All Bands, All Modes Combined**

See listing of section names on Page 13

**Sections Missed – White, Outlined (22)**

Eastern Washington	Nevada	North Dakota	South Dakota
Nebraska	New Mexico	Alaska	Pacific
British Columbia	Manitoba	Saskatchewan	Maine
Ontario North	Ontario South	Maritime	Newfoundland/Labrador
East Bay	Orange	Santa Barbara	Northern Territories
Puerto Rico	Sacramento Valley		





Two of the four Field Day stations in use with Operators, Loggers, and Observers.

*Thank you for making Field Day 2019 a huge success.*

*Teamwork and Backbone is what makes CARC a great Radio Club.*

*Andrew Forsyth, AF3I*

**AF3I@RadioClub-CARC.com**

Make plans for Field Day 2020  
Always the fourth full weekend of June

Saturday June 27, 2020  
and  
Sunday June 28, 2020

Cumberland Amateur Radio Club

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