

## ARRL FIELD DAY - JUNE 25-26, 2022

### INFORMATION BELOW ON THE RADIO PART OF FIELD DAY WITH COMMENTS AND THE SUBMITTED LOG BY GARY STOUWER, K9SG

Some operators forgot to sign in and I went through and corrected who operated when and have the ops listed the best I can.

Two operators wanted a breakdown of contacts per operator

K9SG 99

W7JLC 94

N6XT 66

W7CL 55

KN6GYX 38

KC7TIL 19

See band and mode info with the Field Day submission below

ON 20 METERS WE ONLY HAD 9 OUT OF 120 CONTACTS EAST OF THE MISSISSIPPI RIVER - The mountain blocks 20 meters to the east

ON 40 METERS WE HAD 23 OUT OF 152 CONTACTS EAST OF THE MISSISSIPPI RIVER - The ionosphere refracts better on 40 and allows higher takeoff angles to make it over the hill to the east.

STATES NOT WORKED INCLUDE:

CT, DE, IA, KY, MA, VT

VIRGIN ISLANDS

PUERTO RICO

WE DID WORK ALASKA AND HAWAII

Good things

1. We all really liked the big monitor
2. Everyone that wanted to work got plenty of time
3. The 40 dipole worked better to the North than the G5RV and Dan's fiberglass pole was easy to use as a support for inverted Vs.
4. N3FJP worked well and interfaced well to the radio
5. Carol's solar battery worked fine and was totally quieter than a generator..
6. The screen tent helped keep the bugs out and tarps kept the light out so we could see the monitor well. (Note from Don: Unfortunately the tarps made it look like a homeless shelter. Perhaps we can get a nicer looking sun shade next year.)

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Not so good things

1. We could not get any headset microphones to work with the radio and had to use a handheld mike which really messed up SSB logging. We will figure this out!!!
2. I programmed K7EI instead of W7EI in the CW generator in the program
3. The 10/15 fan dipole got tangled up and both bands were dead
4. We had so many microphone problems we didn't use the voice keyer much

If people have comments about improving the equipment and training for next year please let me know.

Field Day Log Submission below

Gary K9SG

### SUBMISSION TO ARRL

Entry received at: 2022-06-27 06:49:27 UTC

Submitted by: **Gary Stouder, K9SG**

Call Used: **W7EI** GOTA Station Call: **(NONE)** ARRL/RAC Section: **AZ** Class: **1A**

Participants: **6** Club/Group Name: **Verde Valley ARA**

Power Source(s): **Battery, Solar**

Power Multiplier: **2X**

**Preliminary Total Score: 1,192**

#### Bonus Points:

Bonus	Points	Status
100% emergency power	100	
Public location	100	
Entry submitted via web	50	
<b>Total bonus points</b>	<b>250</b>	

**Score Summary-** Cabrillo log/dupe sheet file:  
W7EI.dup

	CW	Digital	Phone	Total
<b>Total QSOs</b>	100	0	271	
<b>Total Points</b>	200	0	271	<b>471</b>

**Claimed Score** =(QSO points x power mult)  
=942

#### Band/Mode QSO Breakdown:

Band	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
80m	10	90				
40m	58	90			151	90
20m	32	90			120	90
<b>Total</b>	<b>100</b>		<b>0</b>		<b>271</b>	