

# ARRL Field Day 2018

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MARTIN BUEHRING - KB4MG – CLUB PRESIDENT

JOSEPH LADD – N3NNU – VICE PRESIDENT – FIELD DAY CHAIRMAN

# Field Day Crew and guests





Huge Thanks!  
To all the participated





# Results



N3FJP's ARRL Field Day Contest Log 5.8 [www.n3fjp.com](http://www.n3fjp.com)

File Settings Band Mode View Network Operator Help

Current Band & Mode

Recent Contacts

Last 20 All

Rec	Call	Class	Sec	Date / Time	Bnd	Mode	Country	Initials
556	K4LRG	4A	VA	06/24 16:36	20	PH	USA	BC
555	W4NJA	3A	KY	06/24 16:28	15	CW	USA	DEC
554	K8ES	4F	OH	06/24 16:16	15	CW	USA	DEC
553	AB9YC	1A	IL	06/24 16:14	15	CW	USA	DEC
552	W3EWE	1D	CT	06/24 16:12	15	CW	USA	DEC
551	W1LY	3A	RI	06/24 16:11	20	PH	USA	PJC
550	W6NJB	2E	AR	06/24 16:07	20	PH	USA	PJC
549	W3YA	4A	WPA	06/24 16:02	10	CW	USA	DEC

Score Statistics

Total CW Contacts	187
Total Phone Contacts	289
Total DIG Contacts	77
Total QSO Points	817
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Call

Class

Section

Ready to begin!  
Please select your band and mode from the menu options!

Clear

Spot Last

Possible Duplicates

☒ Any Portion

New Hampshire Total = 15  
Bands: 40 = 3 20 = 6 15 = 5 10 = 1  
CW = 4 PH = 8 DIG = 3

DX

1

CT RI  
EMA VT  
ME WMA  
NH

2

ENY NNY  
NLI SNJ  
NNJ WNY

3

DE MDC  
EPA WPA

4

AL SC  
GA SFL  
KY TN  
NC VA  
NFL VI  
PR WCF

5

AR NTX  
LA OK  
MS STX  
NM WTX

6

EB SCV  
LAX SDG  
ORG SF  
PAC SJV  
SB SV

7

AK NV  
AZ OR  
EWA UT  
ID WWA  
MT WY

8

MI WV  
OH

9

IL WI  
IN

0

CO MO  
IA ND  
KS NE  
MN SD

Canada

AB NT  
BC ONE  
GTA ONN  
MAR ONS  
MB QC  
NL SK

Bearing:  
Miles:

Band: 6 Mode: CW

K4R 5A GA

7:18:27 PM  
23:18:27 UTC

## 2018 Results

187 CW

289 Phone

77 Digital

817 QSO pts

## 2017 Results

182 CW

293 Phone

163 Digital



Power Source (check all that apply):

☒ Generator
 ☐ Commercial mains
 ☒ Battery
 ☒ Solar
 ☐ Other (list)

Power Multiplier (check only one):

☐ 5 Watts or less and Battery powered = 5  
☒ 150 Watts or less = 2  
☐ Over 150 Watts = 1

**Bonus Points** claimed: Check each box as appropriate and include required proof of points with your submission. All bonus points will be verified at ARRL HQ and added to your score.

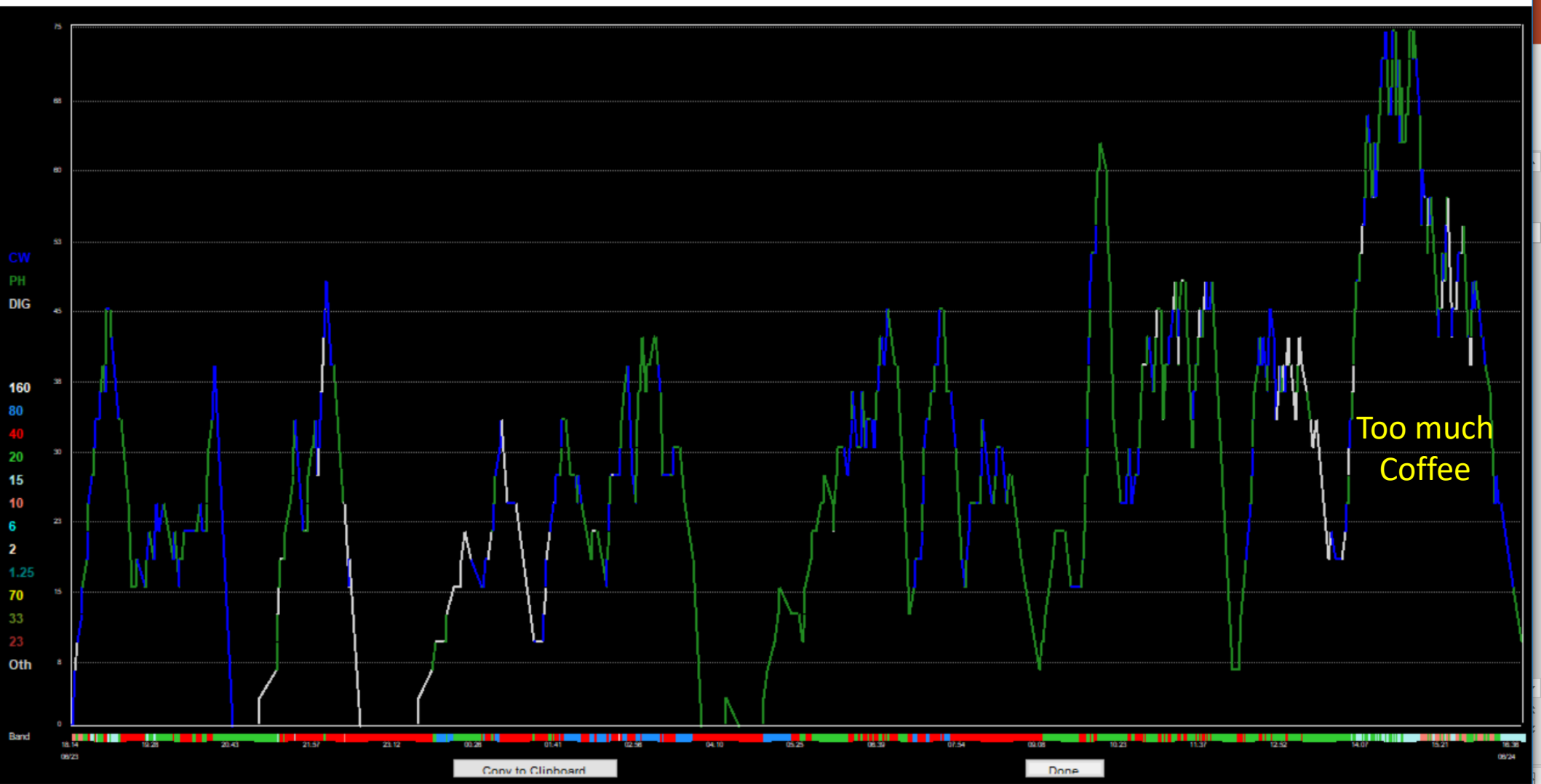
☒ 100% Emergency power [?](#)  
☒ Media Publicity [?](#)  
☒ Public Location [?](#)  
☒ Public Information Table [?](#)  
☒ Formal message to ARRL SM/SEC [?](#)  
☐ W1AW Field Day Message [?](#)  
☒ Formal messages handled [?](#) — No.   
☐ Natural power QSOs completed [?](#)  
☒ Site Visit by invited elected official [?](#)  
☒ Site Visit by invited served agency official [?](#)  
☒ Youth participation [?](#)  
 Number of youth participants who completed at least 1 QSO:   
 Total number of youth participants:   
☒ Educational activity [?](#)  
☒ Social media [?](#)  
☒ Safety officer [?](#)

Note: Bonus points for satellite QSO, GOTA QSOs and web submission will be automatically determined from info entered elsewhere on this form.

Unaudited score is 3464 points

Band/Mode QSO Breakdown: <a href="#">?</a>						
	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="2"/>	<input type="text" value="100"/>
80m	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="44"/>	<input type="text" value="100"/>
40m	<input type="text" value="91"/>	<input type="text" value="100"/>	<input type="text" value="17"/>	<input type="text" value="100"/>	<input type="text" value="76"/>	<input type="text" value="100"/>
20m	<input type="text" value="75"/>	<input type="text" value="100"/>	<input type="text" value="58"/>	<input type="text" value="100"/>	<input type="text" value="98"/>	<input type="text" value="100"/>
15m	<input type="text" value="4"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="66"/>	<input type="text" value="100"/>
10m	<input type="text" value="17"/>	<input type="text" value="100"/>	<input type="text" value="2"/>	<input type="text" value="100"/>	<input type="text" value="3"/>	<input type="text" value="100"/>
6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1.25	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Satellite	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Activity Graph - QSOs per Hour Rate (# QSOs over 20 minutes X 3) (Ctrl G)



# Contacts by Operator

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KJ4UC	188	KK4YQV	15
KA8DYY	77	22	13
N4VLK	55	5LN	12
KM4KRK	45	4SP	9
KB4LN	37	K4A X	1
KB4MG	33	KK PM	1
W4DTX	32		
WD8IPE	20		
KB4MB	15		





# Lessons Learned -Location

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- ✓ The new site was good for
  - ✓ Bathrooms
  - ✓ Adequate commercial power
  - ✓ Public area that attracted visitors
  - ✓ Lot's space for antennas
  - ✓ Altitude
- ✓ Problems with the location
  - ✓ No trees, forced to use poles for antennas
  - ✓ No shade, had to provide our own
  - ✓ RF interference in the middle of the night. Seemed to coincide with the sprinkler system.

# Lessons Learned - Setup

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- What worked well?
  - Location of stations and food tent worked pretty well
  - GOTA Station and info tent was in the right place
  - Hard wired network seemed to work flawless versus WiFi.
  - Generators and power distribution worked well
  
- What didn't work so well?
  - RF Interference between stations. Most noticed with CW and digital modes
    - Possible solutions are more separation of using bandpass filters
  - Not enough operators for 5 Alpha
  - Other?

# What can we improve?

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## Site related?

- Location
- Overall satisfaction of the site
- Facilities

## Setup related?

- Space for stations?
- Antenna setup?

## Education and operator preparation?

- How do we get more operators involved?